

WELL: UNIVERSITY 12-17 #1H	MD (ft):	TVD (ft):	DOL: 2	DSS:
FIELD: SOUTH MIDLAND	PROGRESS (ft):		FOREMAN: ROBERT JOHNSON	
STATE: TX REAGAN	HRS DRLG:		AFE #: 110DC114542	API #: 4238337579
REGION: MID-CON REGION	24Hr ROP (ft/hr):	DRLG AFE: \$4,517,200	AFE Total: \$9,639,700	CASING (in):
RIG CONTR: PATTERSON 240	SPUD DATE:	RLS DATE:	DAILY \$2,835	PLAN TD (ft): 14,770
RIG NBR:			DRLG:	
PH NBR: 713-405-1343	SPUD TIME:	RLS TIME:	DRLG TOT: \$292,733	SHOE TD (ft):
24 Hrs SUMMARY: WAIT ON RIG TO ARRIVE				
CURRENT ACTIVITY: WAITING ON RIG TO ARRIVE				
FORECAST: WAIT ON RIG TO ARRIVE ETA 10:00 HRS, OFF LOAD EQUIP, SPOT SAME				

BHA # :					Trip:		MUD PROPERTIES	
Qty	Description	O.D. (in)	I.D. (in)	Length (ft)	Bit:		Time:	Solids:
					Model:		Comp:	
					S/N:		Depth (ft):	Oil:
					MFG:		Water:	10 sec Gel (lb/100ft³):
					Size (in):		MW (lb/gal):	10 min Gel (lb/100ft³):
					IADC:		VISC (s/qt):	30 min Gel (lb/100ft³):
					IN (ft):		PV (cP):	CA:
					OUT:		YP (lb/100ft³):	Pm:
					Length (ft):		pH:	Pf:
					Hours:		Chl:	Ex Lime (lb/bbl):
					ROP (ft/hr):		WL:	Elec Stab:
					TFA (1/32in³):		HTHP:	MBT:
					WOB (lbs):		FC (1/32"):	ECD (lb/gal):
					P/U Wt:			
					S/O Wt:			
					RPM:			
					ROT Wt:			
					Torque (ft lbf):			
					DRAG:			
					I:			
					O:			
					D:			
					L:			
					B:			
					G:			
					O:			
					R:			

Buoyed Weight (lbs): Total Length (ft):

MUD Logging	
Depth (ft):	Max Gas:
BGG:	Trip Gas:
CG:	Mud Cut:

MUD VOLUMES	
DP (bbl):	Reserve Pits (bbl):
Anulus (bbl):	Active Pits (bbl):
	LOST (bbl):

Mud Used	
Mud Additive	Used

SURVEYS							KB Elev (ft): 2,806	GL Elev (ft): 2,778
MD (ft)	Angle	Azim	TVD (ft)	V. Sect. (ft)	+N/-S	+E/-W	D.L.	

FROM	TO	HRS	PH CD	OP CD	Activity Last 24 Hours
06:00	06:00	24.00	DRILL	OT	WAIT ON RIG TO ARRIVE, FORK LIFT, MANLIFT, 1-POLE TRUCK ARRIVED 16:00 HRS

24.00 = Total Hours Today

HYDRAULICS			
Std. Pipe (psi):	Total GPM (Gals/min):		
AV(DP) (ft/min):	Total SPM:		
Jet Vel (ft/s):	AV(DC) (ft/min):		
Bit HP (HP):	PSI Drop (psi):		
	HP/in2 (HP/in²):		
	PUMP#1	PUMP#2	PUMP#3
#Cyl:			
S.L. (in):			
Liner Id (in):			
SPM:			
Rod Dia (in):			
Eff %:			
GPM (Gals/min):			
SLOW PUMP RATES			
Depth (ft):			
SPM:			
PRSR (psi):			
Safety			
Test	Date	Pressure	
BOP:			
CSG:			
Test MW:			
Test TVD (ft):			
Test Prsr (psi):			
LOT/FIT:			
BOP Drill:			
Fire Drill:			
Evac Drill:			
Safety Meeting:			
Spills Reported (Y/N):	N		
Accidents(S)(Y/N):	N		

GENERAL COMMENTS :

WELL:	UNIVERSITY 12-17 #1H	MD (ft):	TVD (ft):	DOL:	3	DSS:	
FIELD:	SOUTH MIDLAND	PROGRESS (ft):		FOREMAN:	ROBERT JOHNSON		
STATE:	TX REAGAN	HRS DRLG:		AFE #:	110DC114542	API #:	4238337579
REGION:	MID-CON REGION	24Hr ROP (ft/hr):	DRLG AFE:	\$4,517,200	AFE Total:	\$9,639,700	CASING (in):
RIG CONTR:	PATTERSON 240	SPUD DATE:	RLS DATE:		DAILY	\$5,942	PLAN TD (ft):
RIG NBR:	PATTERSON 240				DRLG:		14,770
PH NBR:	713-405-1343	SPUD TIME:	RLS TIME:		DRLG TOT:	\$298,675	SHOE TD (ft):
24 Hrs SUMMARY:		WAITING ON RIG,MOVING RIG IN TOTAL OF 33 LOADS,SPOT SUBS,WAITING ON DAY LIGHT,MOVING RIG,SPOT EQUIP.,R/U					
CURRENT ACTIVITY:		WAITING ON DAY LIGHT					
FORECAST:		MOVING RIG,SPOT SAME,R/U					

BHA # :					Trip:		MUD PROPERTIES	
Qty	Description	O.D. (in)	I.D. (in)	Length (ft)	Bit:		Time:	Solids:
					Model:		Comp:	
					S/N:		Depth (ft):	Oil:
					MFG:		Water:	10 sec Gel (lb/100ft³):
					Size (in):		MW (lb/gal):	10 min Gel (lb/100ft³):
					IADC:		VISC (s/qt):	30 min Gel (lb/100ft³):
					IN (ft):		PV (cP):	CA:
					OUT:		YP (lb/100ft³):	Pm:
					Length (ft):		pH:	Pf:
					Hours:		Chl:	Ex Lime (lb/bbl):
					ROP (ft/hr):		WL:	Elec Stab:
					TFA (1/32in²):		HTHP:	MBT:
					WOB (lbs):		FC (1/32"): ECD (lb/gal):	
					P/U Wt:			
					S/O Wt:			
					RPM:			
					ROT Wt:			
					Torque (ft lbf):			
					DRAG:			
					I:			
					O:			
					D:			
					L:			
					B:			
					G:			
					O:			
					R:			

Buoyed Weight (lbs):	Total Length (ft):
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MUD Logging	
Depth (ft):	Max Gas:
BGG:	Trip Gas:
CG:	Mud Cut:

MUD VOLUMES	
DP (bbl):	Reserve Pits (bbl):
Anulus (bbl):	Active Pits (bbl):
	LOST (bbl):

SURVEYS							KB Elev (ft):	2,806	GL Elev (ft):	2,778
MD (ft)	Angle	Azim	TVD (ft)	V. Sect. (ft)	+N/-S	+E/-W	D.L.			

FROM	TO	HRS	PH CD	OP CD	Activity Last 24 Hours
06:00	18:00	12.00	DRILL	RU	WAIT ON RIG TO ARRIVE,FIRST LOAD ARRIVED 09:00 HRS,MOVING RIG IN TOTAL OF 33 LOADS,SET MATS & SUBS,PUSHER & CREW HOUSE,MUD ENG.,DIR. DRILLER,MUD LOGGER TRAILER,HOOK UP WATER & SEWER TO SAME
18:00	06:00	12.00	DRILL	RU	WAITING ON DAY LIGHT

24.00 = Total Hours Today

HYDRAULICS		
Std. Pipe (psi):	Total GPM (Gals/min):	
	Total SPM:	
AV(DP) (ft/min):	AV(DC) (ft/min):	
Jet Vel (ft/s):	PSI Drop (psi):	
Bit HP (HP):	HP/in2 (HP/in²):	
	PUMP#1	PUMP#2
#Cyl:		
S.L. (in):		
Liner Id (in):		
SPM:		
Rod Dia (in):		
Eff %:		
GPM (Gals/min):		
SLOW PUMP RATES		
Depth (ft):		
SPM:		
PRSR (psi):		
Safety		
Test	Date	Pressure
BOP:		
CSG:		
Test MW:		
Test TVD (ft):		
Test Prsr (psi):		
LOT/FIT:		
BOP Drill:		
Fire Drill:		
Evac Drill:		
Safety Meeting:	02/15/2012 05:30	
Spills Reported (Y/N):	N	
Accidents(S)(Y/N):	N	

GENERAL COMMENTS :

WELL:	UNIVERSITY 12-17 #1H		MD (ft):	100	TVD (ft):	100	DOL:	4	DSS:
FIELD:	SOUTH MIDLAND		PROGRESS (ft):				FOREMAN:	ROBERT JOHNSON	
STATE:	TX REAGAN		HRS DRLG:				AFE #:	110DC114542	API #:
REGION:	MID-CON REGION		24Hr ROP (ft/hr):		DRLG AFE:	\$4,517,200	AFE Total:	\$9,639,700	CASING (in):
RIG CONTR:	PATTERSON 240		SPUD DATE:		RLS DATE:		DAILY	\$88,335	PLAN TD (ft):
RIG NBR:	PATTERSON 240						DRLG:		14,770
PH NBR:	713-405-1343		SPUD TIME:		RLS TIME:		DRLG TOT:	\$387,010	SHOE TD (ft):
24 Hrs SUMMARY:	MOVING RIG IN,R/U,SET CENTER STEEL,DOG HOUSE,ST-80,AIR HOIST,MUD BOAT,SET ENGINE PACKAGE								
CURRENT ACTIVITY:	WAITING ON DAYLIGHT								
FORECAST:	MOVING RIG IN,R/U								

BHA # :					Trip:		MUD PROPERTIES	
Qty	Description	O.D. (in)	I.D. (in)	Length (ft)	Bit:		Time:	Solids:
					Model:		Comp:	
					S/N:		Depth (ft):	Oil:
					MFG:		Water:	10 sec Gel (lb/100ft³):
					Size (in):		MW (lb/gal):	10 min Gel (lb/100ft³):
					IADC:		VISC (s/qt):	30 min Gel (lb/100ft³):
					IN (ft):		PV (cP):	CA:
					OUT:		YP (lb/100ft³):	Pm:
					Length (ft):		pH:	Pf:
					Hours:		Chl:	Ex Lime (lb/bbl):
					ROP (ft/hr):		WL:	Elec Stab:
					TFA (1/32in²):		HTHP:	MBT:
					WOB (lbs):		FC (1/32"):	ECD (lb/gal):
					P/U Wt:			
					S/O Wt:			
					RPM:			
					ROT Wt:			
					Torque (ft lbf):			
					DRAG:			
					I:			
					O:			
					D:			
					L:			
					B:			
					G:			
					O:			
					R:			

Buoyed Weight (lbs):	Total Length (ft):
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MUD Logging	
Depth (ft):	Max Gas:
BGG:	Trip Gas:
CG:	Mud Cut:

MUD VOLUMES	
DP (bbl):	Reserve Pits (bbl):
Anulus (bbl):	Active Pits (bbl):
	LOST (bbl):

SURVEYS							KB Elev (ft):	2,806	GL Elev (ft):	2,778
MD (ft)	Angle	Azim	TVD (ft)	V. Sect. (ft)	+N/-S	+E/-W	D.L.			

FROM	TO	HRS	PH CD	OP CD	Activity Last 24 Hours
06:00	18:00	12.00	DRILL	RU	CONTINUE R/U,SET CENTER STEEL,AIR HOIST,ST-80,BOP'S,MUD BOAT,DOG HOUSE,ENGINE PACKAGE,OFFLOADING DRILL PIPE & DRILL COLLARS
18:00	06:00	12.00	DRILL	RU	WAIT ON DAY LIGHT

24.00 = Total Hours Today

HYDRAULICS			
Std. Pipe (psi):	Total GPM (Gals/min):		
AV(DP) (ft/min):	Total SPM:		
Jet Vel (ft/s):	AV(DC) (ft/min):		
Bit HP (HP):	PSI Drop (psi):		
	HP/in² (HP/in²):		
	PUMP#1	PUMP#2	PUMP#3
#Cyl:			
S.L. (in):			
Liner Id (in):			
SPM:			
Rod Dia (in):			
Eff %:			
GPM (Gals/min):			

SLOW PUMP RATES			
Depth (ft):			
SPM:			
PRSR (psi):			

Safety		
Test	Date	Pressure
BOP:		
CSG:		
Test MW:		
Test TVD (ft):		
Test Prsr (psi):		
LOT/FIT:		
BOP Drill:		
Fire Drill:		
Evac Drill:		
Safety Meeting:	02/16/2012 05:30	
Spills Reported (Y/N):	N	
Accidents(S)(Y/N):	Y	

GENERAL COMMENTS :

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WELL:	UNIVERSITY 12-17 #1H	MD (ft):	100	TVD (ft):	100	DOL:	5	DSS:	
FIELD:	SOUTH MIDLAND	PROGRESS (ft):				FOREMAN:	ROBERT JOHNSON		
STATE:	TX REAGAN	HRS DRLG:				AFE #:	110DC114542	API #:	4238337579
REGION:	MID-CON REGION	24Hr ROP (ft/hr):		DRLG AFE:	\$4,517,200	AFE Total:	\$9,639,700	CASING (in):	
RIG CONTR:	PATTERSON 240	SPUD DATE:		RLS DATE:		DAILY	\$49,993	PLAN TD (ft):	14,770
RIG NBR:	PATTERSON 240					DRLG:			
PH NBR:	713-405-1343	SPUD TIME:		RLS TIME:		DRLG TOT:	\$437,003	SHOE TD (ft):	

24 Hrs SUMMARY:	MOVING RIG IN R/U
CURRENT ACTIVITY:	WAITING ON DAYLIGHT
FORECAST:	MOVING RIG IN,R/U,RAISE DERRICK

BHA # :					Trip:			MUD PROPERTIES	
Qty	Description	O.D. (in)	I.D. (in)	Length (ft)	Bit:			Time:	Solids:
					Model:			Comp:	
					S/N:			Depth (ft):	Oil:
					MFG:			Water:	10 sec Gel (lb/100ft³):
					Size (in):			MW (lb/gal):	10 min Gel (lb/100ft³):
					IADC:			VISC (s/qt):	30 min Gel (lb/100ft³):
					IN (ft):			PV (cP):	CA:
					OUT:			YP (lb/100ft³):	Pm:
					Length (ft):			pH:	Pf:
					Hours:			Chl:	Ex Lime (lb/bbl):
					ROP (ft/hr):			WL:	Elec Stab:
					TFA (1/32in²):			HTHP:	MBT:
					WOB (lbs):			FC (1/32"):	ECD (lb/gal):
					P/U Wt:				
					S/O Wt:				
					RPM:				
					ROT Wt:				
					Torque (ft.lbf):				
					DRAG:				
					I:				
					O:				
					D:				
					L:				
					B:				
					G:				
					O:				
					R:				

Buoyed Weight (lbs):		Total Length (ft):	
MUD Logging			
Depth (ft):		Max Gas:	
BGG:		Trip Gas:	
CG:		Mud Cut:	
MUD VOLUMES			
DP (bbl):		Reserve Pits (bbl):	
Annulus (bbl):		Active Pits (bbl):	
		LOST (bbl):	

Buoyed Weight (lbs): Total Length (ft):

MUD Logging	
Depth (ft):	Max Gas:
BGG:	Trip Gas:
CG:	Mud Cut:

MUD VOLUMES	
DP (bbl):	Reserve Pits (bbl):
Anulus (bbl):	Active Pits (bbl):
	LOST (bbl):

SURVEYS				KB Elev (ft):	2,806	GL Elev (ft):	2,778
MD (ft)	Angle	Azim	TVD (ft)	V. Sect. (ft)	+N/-S	+E/-W	D.L.

FROM	TO	HRS	PH CD	OP CD	Activity Last 24 Hours
06:00	18:00	12.00	DRILL	RU	CONTINUE R/U,SET FUEL TANK,LEVEL SUBS,PREPARE AND OFFLOAD BTM SECTION DERRICK PIN SAME,PIN TOP SECTION DERRICK,RAISE MONKEY BOARD INSTALL BRACES,SET SHAKER TANK,WATERTANKS,CHANGE/ TOOL HOUSE, TOP DRIVE/LUBE HOUSE,DRILLERS HOUSE,SUITCASES
18:00	06:00	12.00	DRILL		WAIT ON DAY LIGHT.

24.00 = Total Hours Today

HYDRAULICS			
Std. Pipe (psi):		Total GPM (Gals/min):	
AV(DP) (ft/min):		Total SPM:	
Jet Vel (ft/s):		AV(DC) (ft/min):	
Bit HP (HP):		PSI Drop (psi):	
		HP/in2 (HP/in²):	
	PUMP#1	PUMP#2	PUMP#3
#Cyl:			
S.L. (in):			
Liner Id (in):			
SPM:			
Rod Dia (in):			
Eff %:			
GPM (Gals/min):			
SLOW PUMP RATES			
Depth (ft):			
SPM:			
PRSR (psi):			
Safety			
Test	Date		Pressure
BOP:			
CSG:			
Test MW:			02/17/2012 05:30
Test TVD (ft):			
Test Prsr (psi):			
LOT/FIT:			
BOP Drill:			
Fire Drill:			
Evac Drill:			
Safety Meeting:			
Spills Reported (Y/N):			
Accidents(S)(Y/N):			

GENERAL COMMENTS :

DRILL STRING IN HOLE :BHA= N/A
 MOTOR INFO= N/A
 RIG TUBULARS: 510 JTS 5" DP,6 - 5" HWDP,6 - 8" DC,9 - 6.5" DC
 RENT TUBULARS: N/A
 CSG ON LOC: N/A
 RIG FUEL USED LAST 24 HRS 0 GALS, RECVD 6800 GALS TOTAL 6800 GALS.
 WATER WELL BBLS USED 0 BBLS, TOTAL USED 0 BBLS

WELL:	UNIVERSITY 12-17 #1H	MD (ft):	100	TVD (ft):	100	DOL:	6	DSS:	
FIELD:	SOUTH MIDLAND	PROGRESS (ft):				FOREMAN:	ROBERT JOHNSON		
STATE:	TX REAGAN	HRS DRLG:		DRLG AFE:	\$4,517,200	AFE #:	110DC114542	API #:	4238337579
REGION:	MID-CON REGION	24Hr ROP (ft/hr):		RLS DATE:		AFE Total:	\$9,639,700	CASING (in):	
RIG CONTR:	PATTERSON 240	SPUD DATE:				DAILY	\$34,438	PLAN TD (ft):	14,770
RIG NBR:	PATTERSON 240					DRLG:			
PH NBR:	713-405-1343	SPUD TIME:		RLS TIME:		DRLG TOT:	\$471,441	SHOE TD (ft):	
24 Hrs SUMMARY:	SPOT EQUIP.,R/U								
CURRENT ACTIVITY:	SPOT EQUIP,R/U								
FORECAST:	R/U								

BHA # :					Trip:		MUD PROPERTIES	
Qty	Description	O.D. (in)	I.D. (in)	Length (ft)	Bit:		Time:	Solids:
					Model:		Comp:	
					S/N:		Depth (ft):	Oil:
					MFG:		Water:	10 sec Gel (lb/100ft³):
					Size (in):		MW (lb/gal):	10 min Gel (lb/100ft³):
					IADC:		VISC (s/qt):	30 min Gel (lb/100ft³):
					IN (ft):		PV (cP):	CA:
					OUT:		YP (lb/100ft³):	Pm:
					Length (ft):		pH:	Pf:
					Hours:		Chl:	Ex Lime (lb/bbl):
					ROP (ft/hr):		WL:	Elec Stab:
					TFA (1/32in²):		HTHP:	MBT:
					WOB (lbs):		FC (1/32"):	ECD (lb/gal):
					P/U Wt:			
					S/O Wt:			
					RPM:			
					ROT Wt:			
					Torque (ft lbf):			
					DRAG:			
					I:			
					O:			
					D:			
					L:			
					B:			
					G:			
					O:			
					R:			

Buoyed Weight (lbs):	Total Length (ft):
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MUD Logging	
Depth (ft):	Max Gas:
BGG:	Trip Gas:
CG:	Mud Cut:

MUD VOLUMES	
DP (bbl):	Reserve Pits (bbl):
Anulus (bbl):	Active Pits (bbl):
	LOST (bbl):

SURVEYS							KB Elev (ft):	2,806	GL Elev (ft):	2,778
MD (ft)	Angle	Azim	TVD (ft)	V. Sect. (ft)	+N/-S	+E/-W	D.L.			

FROM	TO	HRS	PH CD	OP CD	Activity Last 24 Hours
06:00	18:00	12.00	DRILL	RU	SPOT EQUIP.R/U,INSPECTED WELD ON MONKEYBOARD BRACE (OK),DRESS DERRICK PREP. TO RAISE,SET BACK YARD, RAISE DERRICK,AND SUB,INSPECT SAME,SET FRAC TANKS
18:00	00:00	6.00	DRILL	RU	BREAK TOUR
00:00	06:00	6.00	DRILL	RU	HANG FLOW LINE,SET V-DOOR,SET OPEN TOP TANK,R/U CATWALK,R/U,STAND PIPE LINE,AND STAIRS.

24.00 = Total Hours Today

HYDRAULICS		
Std. Pipe (psi):	Total GPM (Gals/min):	
	Total SPM:	
AV(DP) (ft/min):	AV(DC) (ft/min):	
Jet Vel (ft/s):	PSI Drop (psi):	
Bit HP (HP):	HP/in2 (HP/in²):	
	PUMP#1	PUMP#2
#Cyl:		
S.L. (in):		
Liner Id (in):		
SPM:		
Rod Dia (in):		
Eff %:		
GPM (Gals/min):		
SLOW PUMP RATES		
Depth (ft):		
SPM:		
PRSR (psi):		
Safety		
Test	Date	Pressure
BOP:		
CSG:		
Test MW:		
Test TVD (ft):		
Test Prsr (psi):		
LOT/FIT:		
BOP Drill:		
Fire Drill:		
Evac Drill:		
Safety Meeting:	02/17/2012 05:30	
Spills Reported (Y/N):	N	
Accidents(S)(Y/N):	N	

GENERAL COMMENTS :
 DRILL STRING IN HOLE :BHA= N/A
 MOTOR INFO= N/A
 RIG TUBULARS: 510 JTS 5" DP,6 - 5" HWDP,6 - 8" DC,9 - 6.5" DC
 RENT TUBULARS: 9-8" DC
 CSG ON LOC: N/A
 RIG FUEL USED LAST 24 HRS 997 GALS, RECV'D 0 GALS TOTAL 5803 GALS.
 WATER WELL BBLS USED 0 BBLS, TOTAL USED 0 BBLS

WELL:	UNIVERSITY 12-17 #1H	MD (ft):	100	TVD (ft):	100	DOL:	7	DSS:	
FIELD:	SOUTH MIDLAND	PROGRESS (ft):				FOREMAN:	ROBERT JOHNSON		
STATE:	TX REAGAN	HRS DRLG:		DRLG AFE:	\$4,517,200	AFE #:	110DC114542	API #:	4238337579
REGION:	MID-CON REGION	24Hr ROP (ft/hr):		RLS DATE:		AFE Total:	\$9,639,700	CASING (in):	
RIG CONTR:	PATTERSON 240	SPUD DATE:				DAILY	\$34,452	PLAN TD (ft):	14,770
RIG NBR:	PATTERSON 240					DRLG:			
PH NBR:	713-405-1343	SPUD TIME:		RLS TIME:		DRLG TOT:	\$505,893	SHOE TD (ft):	
24 Hrs SUMMARY:	SPOT EQUIP.,R/U								
CURRENT ACTIVITY:	SPOT EQUIP,R/U								
FORECAST:	R/U,TEST RUN EQUIP.,MIX SPUD MUD,LAY OUT BHA PRESPUD MEETING & RIG INSPECTION								

BHA # :					Trip:		MUD PROPERTIES	
Qty	Description	O.D. (in)	I.D. (in)	Length (ft)	Bit:		Time:	Solids:
					Model:		Comp:	
					S/N:		Depth (ft):	Oil:
					MFG:		Water:	10 sec Gel (lb/100ft³):
					Size (in):		MW (lb/gal):	10 min Gel (lb/100ft³):
					IADC:		VISC (s/qt):	30 min Gel (lb/100ft³):
					IN (ft):		PV (cP):	CA:
					OUT:		YP (lb/100ft³):	Pm:
					Length (ft):		pH:	Pf:
					Hours:		Chl:	Ex Lime (lb/bbl):
					ROP (ft/hr):		WL:	Elec Stab:
					TFA (1/32in²):		HTHP:	MBT:
					WOB (lbs):		FC (1/32"):	ECD (lb/gal):
					P/U Wt:			
					S/O Wt:			
					RPM:			
					ROT Wt:			
					Torque (ft lbf):			
					DRAG:			
					I:			
					O:			
					D:			
					L:			
					B:			
					G:			
					O:			
					R:			

Buoyed Weight (lbs):	Total Length (ft):
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MUD Logging	
Depth (ft):	Max Gas:
BGG:	Trip Gas:
CG:	Mud Cut:

MUD VOLUMES	
DP (bbl):	Reserve Pits (bbl):
Anulus (bbl):	Active Pits (bbl):
	LOST (bbl):

SURVEYS							KB Elev (ft):	2,806	GL Elev (ft):	2,778
MD (ft)	Angle	Azim	TVD (ft)	V. Sect. (ft)	+N/-S	+E/-W	D.L.			

FROM	TO	HRS	PH CD	OP CD	Activity Last 24 Hours
06:00	18:00	12.00	DRILL	RU	R/U,INSTALL BOP SCAFFOLDING,RUN ELECTRICAL WIRING HOOKING UP SAME,BUILD BERMS,RUN FAST LINE TO RIG WATER TANK,OFFLOAD CSG,INSTALLING DRILL LINE ON DRAWWORK,UNHUNG BLOCK,HOKED SAME UP TO TOP DRIVE,OFF LOAD 5"HWT. DP,STARTED FILLING WATER TANKS.
18:00	06:00	12.00	DRILL	RU	R/U,HOKED UP KELLEY HOSE,R/U BAILS AND ELEVATORS,R/U PIT PUMPS,N/U CONDUCTOR AND FLOW LINE,FILLED MUD PITS WITH WATER,R/U SCAFOld AROUND CONDUCTOR PIPE,

HYDRAULICS			
Std. Pipe (psi):	Total GPM (Gals/min):		
AV(DP) (ft/min):	Total SPM:		
Jet Vel (ft/s):	AV(DC) (ft/min):		
Bit HP (HP):	PSI Drop (psi):		
	HP/in2 (HP/in²):		
	PUMP#1	PUMP#2	PUMP#3
#Cyl:			
S.L. (in):			
Liner Id (in):			
SPM:			
Rod Dia (in):			
Eff %:			
GPM (Gals/min):			
SLOW PUMP RATES			
Depth (ft):			
SPM:			
PRSR (psi):			
Safety			
Test	Date	Pressure	
BOP:			
CSG:			
Test MW:			
Test TVD (ft):			
Test Prsr (psi):			
LOT/FIT:			
BOP Drill:			
Fire Drill:			
Evac Drill:			
Safety Meeting:	02/19/2012 05:30		
Spills Reported (Y/N):	N		
Accidents(S)(Y/N):	N		

24.00 = Total Hours Today

GENERAL COMMENTS :

DRILL STRING IN HOLE :BHA= N/A
 MOTOR INFO= N/A
 RIG TUBULARS: 510 JTS 5" DP,6 - 5" HWDP,6 - 8" DC,9 - 6.5" DC
 RENT TUBULARS: 9-8" DC,12-5" HWDP
 CSG ON LOC: 25 JTS 13 3/8" = 1125.5'
 RIG FUEL USED LAST 24 HRS 314 GALS, RECV'D 0 GALS TOTAL 5489 GALS.
 WATER WELL BBLS USED 979 BBLS, TOTAL USED 979 BBLS

WELL: UNIVERSITY 12-17 #1H	MD (ft): 100	TVD (ft): 100	DOL: 8 DSS:
FIELD: SOUTH MIDLAND	PROGRESS (ft):		FOREMAN: ROBERT JOHNSON
STATE: TX REAGAN	HRS DRLG:		AFE #: 110DC114542 API #: 4238337579
REGION: MID-CON REGION	24Hr ROP (ft/hr):	DRLG AFE: \$4,517,200	AFE Total: \$9,639,700 CASING (in):
RIG CONTR: PATTERSON 240	SPUD DATE:	RLS DATE:	DAILY \$104,943 PLAN TD (ft): 14,770
RIG NBR: PATTERSON 240			DRLG: DRLG TOT: \$610,836 SHOE TD (ft):
PH NBR: 713-405-1343	SPUD TIME:	RLS TIME:	
24 Hrs SUMMARY: R/U,TEST RUNNING EQUIP.			
CURRENT ACTIVITY: TEST RUN EQUIP. ENGINES SHUUTING DOWN			
FORECAST: TEST RUN EQUIP.,P/U BHA SPUD IN			

BHA # :					Trip:		MUD PROPERTIES	
Qty	Description	O.D. (in)	I.D. (in)	Length (ft)	Bit:		Time:	Solids:
					Model:		Comp:	
					S/N:		Depth (ft):	Oil:
					MFG:		Water:	10 sec Gel (lb/100ft³):
					Size (in):		MW (lb/gal):	10 min Gel (lb/100ft³):
					IADC:		VISC (s/qt):	30 min Gel (lb/100ft³):
					IN (ft):		PV (cP):	CA:
					OUT:		YP (lb/100ft³):	Pm:
					Length (ft):		pH:	Pf:
					Hours:		Chl:	Ex Lime (lb/bbl):
					ROP (ft/hr):		WL:	Elec Stab:
					TFA (1/32in²):		HTHP:	MBT:
					WOB (lbs):		FC (1/32"): ECD (lb/gal):	
					P/U Wt:			
					S/O Wt:			
					RPM:			
					ROT Wt:			
					Torque (ft lbf):			
					DRAG:			
					I:			
					O:			
					D:			
					L:			
					B:			
					G:			
					O:			
					R:			

Buoyed Weight (lbs): _____ Total Length (ft): _____

MUD Logging
 Depth (ft): _____ Max Gas: _____
 BGG: _____ Trip Gas: _____
 CG: _____ Mud Cut: _____

MUD VOLUMES
 DP (bbl): _____ Reserve Pits (bbl): _____
 Annulus (bbl): _____ Active Pits (bbl): _____
 LOST (bbl): _____

SURVEYS							KB Elev (ft): 2,806	GL Elev (ft): 2,778
MD (ft)	Angle	Azim	TVD (ft)	V. Sect. (ft)	+N/-S	+E/-W	D.L.	

FROM	TO	HRS	PH CD	OP CD	Activity Last 24 Hours
06:00	16:30	10.50	DRILL	RU	R/U,INSTALL TONGS ON RIG FLOOR HOOK UP CABLES,REFAB GUARD F/W/LINE UNIT,HOOK UP MUD LINES ON FLOW LINE,INSTALL CAMERA AT MONKEY BOARD,LOAD FLOOR W/SLIPS,& LIFT SUBS,ELECT TECH CHECKING EQUIP.,R/U WIRE LINE SURVEY TOOLS,DRESS SHAKERS,RUN TRIP & MUD MIXING PUMPS,INSTALL 3" VALVE ON CONDUCTOR
16:30	19:30	3.00	DRILL	RU	R/U SET MOUSEHOLE,P/U JT. DRILL PIPE M/ U ON T-DRIVE PIPE NOT HANGING CENTER IN ROTARY,ADJUST TRACK IN DERRICK & SHIM DRILLER SIDE FRONT DERRICK LEG,WHILE INSTALLING CELLAR JET LINE ON MUD PITS,STARTED RUNNING MUD PUMPS & T-DRIVE
19:30	06:00	10.50	DRILL	OT	(NOTIFIED TEXAS RRC @ 2000 HRS UPCOMING SPUD GAVE INFO TO ANSWERING SERVICE,WILL HAVE TO CALL BACK TUES. F/JOB #),RUNNING PUMPS & TOP DRIVE (LOSS POWER ENGINE'S SHUT DOWN @ 2050 HRS POWER RESTORED @ 2120 HRS,FAULT ON TOP DRIVE @ 2215 HRS. RESTORED @ 2240 HRS.INSTALLING DUMP LINES @ SHAKERS,MIXING SPUD MUD,LAY OUT AND STRAP BHA,ENGINES SHUT DOWN @ 0545 HRS,RESTORED POWER ENGINES SHUT DOWN RESTORED POWER @ 0555 HRS

24.00 = Total Hours Today

GENERAL COMMENTS :

DRILL STRING IN HOLE :BHA= N/A
MOTOR INFO= N/A
RIG TUBULARS: 510 JTS 5" DP,6 - 5" HWDP,6 - 8" DC,9 - 6.5" DC
RENT TUBULARS: 9-8" DC,12-5" HWDP
CSG ON LOC: 25 JTS 13 3/8" = 1125.5'
RIG FUEL USED LAST 24 HRS 2,252 GALS, RECV'D 6,800 GALS TOTAL 10,037 GALS.
WATER WELL BBLS USED 1,119 BBLS, TOTAL USED 2,098 BBLS

WELL:	UNIVERSITY 12-17 #1H			DOL:	9	DSS:	1
FIELD:	SOUTH MIDLAND			MD (ft):	304	TVD (ft):	304
STATE:	TX REAGAN			PROGRESS (ft):	204		
REGION:	MID-CON REGION			HRS DRLG:	13.00		
RIG CONTR:	PATTERSON 240			24Hr ROP (ft/hr):	15.69	DRLG AFE:	\$4,517,200
RIG NBR:	PATTERSON 240			SPUD DATE:	02/20/2012	RLS DATE:	
PH NBR:	713-405-1343			SPUD TIME:	06:30	RLS TIME:	
24 Hrs SUMMARY:				SPUD IN P/U BHA DRILL SURVEY, DRILL			
CURRENT ACTIVITY:				P/U BHA DRILLING @ 304'			
FORECAST:				P/U BHA DRILL TO TD. CIRC. SHORT TRIP, POOH,SLM, TIH RUN CSG.			

BHA # : 01					Trip:		1
Qty	Description	O.D. (in)	I.D. (in)	Length (ft)	Bit:	1	
1	BIT	17.500		1.50	Model:	RSH616M	
1	MUD MOTOR STRAIGHT	9.750		29.32	S/N:	E152620	
1	SHOCK SUB	8.063	2.812	13.40	MFG:	REED	
1	STABILIZER	8.250	2.875	6.75	Size (in):	17.500	
1	DRILL COLLAR	8.063	2.312	29.74	IADC:		
1	DRILL COLLAR	8.063	2.312	30.67	IN (ft):		
1	STABILIZER	8.250	2.875	7.92	OUT:		
1	DRILL COLLAR	8.063	2.312	29.83	Length (ft):	204.00	
1	DRILL COLLAR	8.063	2.312	31.08	Hours:	13	
1	DRILL COLLAR	8.063	2.312	31.02	ROP (ft/hr):	15.69	
1	DRILL COLLAR	8.063	2.312	31.03	TFA (1/32in²):	0.0276	
1	DRILL COLLAR	8.000	2.312	31.07	WOB (lbs):	15.00	
1	DRILL COLLAR	8.000	2.312	31.05	P/U Wt:	90	
1	DRILL COLLAR	8.000	2.312	31.04	S/O Wt:	85	
1	DRILL COLLAR	8.250	2.875	30.21	RPM:	102	
1	DRILL COLLAR	8.250	2.875	30.64	ROT Wt:	82	
1	DRILL COLLAR	8.250	2.875	30.24	Torque (ft lbf):	10.00	
1	STABILIZER	8.250			DRAG:		
Buoyed Weight (lbs): 86814 Total Length (ft): 1,013.98					I:		
					O:		
					D:		
					L:		
					B:		
					G:		
					O:		
					R:		

MUD PROPERTIES			
Time:	20:00	Solids:	1.6
Comp:	VENTURE		
Depth (ft):	145	Oil:	
Water:	98	10 sec Gel (lb/100ft³):	0
MW (lb/gal):	8.6	10 min Gel (lb/100ft³):	0
VISC (s/qt):	33	30 min Gel (lb/100ft³):	
PV (cP):	3	CA:	160
YP (lb/100ft³):	0	Pm:	0.7
pH:	10.5	Pf:	0.6
Chl:	3000	Ex Lime (lb/bbl):	
WL:		Elec Stab:	
HTHP:		MBT:	
FC (1/32"):	3	ECD (lb/gal):	

Mud Used	
Mud Additive	Used
CEDAR FIBER	5
ENGINEERING	1
FRESHWATER GEL	88
LIME	27
PALLETS	4
PAPER	5
SODA ASH	3
TRANSPORTATION	1
VIS-MASTER	1
WRAPS	8

MUD Logging	
Depth (ft):	Max Gas:
BGG:	Trip Gas:
CG:	Mud Cut:

MUD VOLUMES	
DP (bbl):	Reserve Pits (bbl):
Anulus (bbl):	Active Pits (bbl):
	LOST (bbl):

SURVEYS							KB Elev (ft): 2,806	GL Elev (ft): 2,778
MD (ft)	Angle	Azim	TVD (ft)	V. Sect. (ft)	+N/-S	+E/-W	D.L.	
207	0.68		207					

FROM	TO	HRS	PH CD	OP CD	Activity Last 24 Hours
06:00	10:00	4.00	DRILL	OT	ENGINES SHUTTING DOWN, TROUBLE SHOOT SAME, DIESEL TANK FUEL MOTOR HAD INTERNAL GROUND CAUSING ENGINES TO SHUT DOWN
10:00	12:30	2.50	DRILL	OT	TEST RUN EQUIP, DRAWWORKS, PUMPS, T-DRIVE, MUD PIT EQUIP. W/NO PROBLEMS, L/D JT. PIPE
12:30	16:30	4.00	DRILL	TR	HELD PRE-SPUD MEETING, P/U M/U BHA, MAKE / BREAK NEW 8" DC CONNECTIONS 3 TIMES TAG UP @ 100'
16:30	03:00	10.50	DRILL	DR	SPUD IN DRILL TAG @ 100' DRILL F/ 100' TO 245' (145' @ 13.8 FT/HR) WOB 5 -15, RPM 35 TO 60, GPM 376 TO 600, SSP- 1,096 PSI.)
03:00	03:30	0.50	DRILL	SU	SURVEY @ 207' .68°
03:30	06:00	2.50	DRILL	DR	DRILL F/ 245' TO 304' (59' @ 23.6 FT/HR) WOB 5 -15, RPM 35 TO 60, GPM 628, SSP- 1,096 PSI.) NEW COLLARS BREAK AND MAKE UP AND REDOPE AND RE TORQUE.

HYDRAULICS			
Std. Pipe (psi):	1096	Total GPM (Gals/min):	600
		Total SPM:	150
AV(DP) (ft/min):	54.7	AV(DC) (ft/min):	63.5
Jet Vel (ft/s):	217.86	PSI Drop (psi):	365.057
Bit HP (HP):	127.84	HP/in ² (HP/in ²):	0.53
PUMP#1		PUMP#2	PUMP#3
#Cyl:	3	3	
S.L. (in):	12.000	12.000	
Liner Id (in):	6.000	6.000	
SPM:	75	75	
Rod Dia (in):	12.000	12.000	
Eff %:	95	95	
GPM (Gals/min):	300	300	
SLOW PUMP RATES			
Depth (ft):			
SPM:			
PRSR (psi):			
Safety			Pressure
Test	Date		
BOP:			
CSG:			
Test MW:			
Test TVD (ft):			
Test Prsr (psi):			
LOT/FIT:			
BOP Drill:			
Fire Drill:			
Evac Drill:			
Safety Meeting:			02/21/2012 05:30
Spills Reported (Y/N):			N
Accidents(S)(Y/N):			N

24.00 = Total Hours Today

GENERAL COMMENTS :

DRILL STRING IN HOLE :BHA= N/A
 MOTOR INFO= 6/7 5.0 .11 RPG
 RIG TUBULARS: 510 JTS 5" DP, 6 - 5" HWDP, 6 - 8" DC, 9 - 6.5" DC
 RENT TUBULARS: 9-8" DC, 12-5" HWDP
 CSG ON LOC: 25 JTS 13 3/8" = 1125.5'
 RIG FUEL USED LAST 24 HRS 157 GALS, RECV'D 0 GALS TOTAL 9,880 GALS.
 WATER WELL BBLs USED 0 BBLs, TOTAL USED 2,098 BBLs

WELL:	UNIVERSITY 12-17 #1H	MD (ft):	983	TVD (ft):	983	DOL:	10	DSS:	2
FIELD:	SOUTH MIDLAND	PROGRESS (ft):	679			FOREMAN:	CHARLES HENSLEY		
STATE:	TX REAGAN	HRS DRLG:	21.50			AFE #:	110DC114542	API #:	4238337579
REGION:	MID-CON REGION	24Hr ROP (ft/hr):	31.58	DRLG AFE:	\$4,517,200	AFE Total:	\$9,639,700	CASING (in):	
RIG CONTR:	PATTERSON 240	SPUD DATE:	02/20/2012	RLS DATE:		DAILY	\$53,262	PLAN TD (ft):	14,770
RIG NBR:	PATTERSON 240					DRLG:			
PH NBR:	713-405-1343	SPUD TIME:	06:30	RLS TIME:		DRLG TOT:	\$720,831	SHOE TD (ft):	
24 Hrs SUMMARY:	DRLG R/S RECAL. DRLG. TO TD 983'								
CURRENT ACTIVITY:	CIRC. @ TD 983'								
FORECAST:	CIRC.SURVEY, SHORT TRIP, POOH,SLM, TIH RUN CSG. CEMENT.								

BHA # : 01					Trip:	1	MUD PROPERTIES			
Qty	Description	O.D. (in)	I.D. (in)	Length (ft)	Bit:	1	Time:	05:19	Solids:	
1	BIT	17.500		1.50	Model:	RSH616M	Comp:	VENTURE		
1	MUD MOTOR STRAIGHT	9.750		29.32	S/N:	E152620	Depth (ft):	732	Oil:	
1	SHOCK SUB	8.063	2.812	13.40	MFG:	REED	Water:	96	10 sec Gel (lb/100ft³): 0	
1	STABILIZER	8.250	2.875	6.75	Size (in):	17.500	MW (lb/gal):	8.8	10 min Gel (lb/100ft³): 0	
1	DRILL COLLAR	8.063	2.312	29.74	IADC:		VISC (s/qt):	35	30 min Gel (lb/100ft³):	
1	DRILL COLLAR	8.063	2.312	30.67	IN (ft):		PV (cP):	7	CA:	
1	STABILIZER	8.250	2.875	7.92	OUT:		YP (lb/100ft³):	0	Pm:	
1	DRILL COLLAR	8.063	2.312	29.83	Length (ft):	883.00	pH:	9.0	Pf:	
1	DRILL COLLAR	8.063	2.312	31.08	Hours:	35	Chl:	2500	Ex Lime (lb/bbl):	
1	DRILL COLLAR	8.063	2.312	31.02	ROP (ft/hr):	25.59	WL:		Elec Stab:	
1	DRILL COLLAR	8.000	2.312	31.07	TFA (1/32in²):	0.0276	HTHP:		MBT:	
1	DRILL COLLAR	8.000	2.312	31.05	WOB (lbs):	15.00	FC (1/32"):	2	ECD (lb/gal):	
1	DRILL COLLAR	8.000	2.312	31.04	P/U Wt:	111				
1	DRILL COLLAR	8.250	2.875	30.21	S/O Wt:	105				
1	DRILL COLLAR	8.250	2.875	30.64	RPM:	102				
1	DRILL COLLAR	8.250	2.875	30.24	ROT Wt:	107				
1	STABILIZER	8.250			Torque (ft lbf):	9000.00				
Buoyed Weight (lbs): 86508 Total Length (ft): 1,013.98					DRAG:					
MUD Logging										
Depth (ft):		Max Gas:								
BGG:		Trip Gas:								
CG:		Mud Cut:								
MUD VOLUMES										
DP (bbl):		Reserve Pits (bbl):								
Annulus (bbl):		Active Pits (bbl):								
		LOST (bbl):								

SURVEYS					KB Elev (ft):	2,806	GL Elev (ft):	2,778
MD (ft)	Angle	Azim	TVD (ft)	V. Sect. (ft)	+N/-S	+E/-W	D.L.	
0			0					
FROM	TO	HRS	PH CD	OP CD	Activity Last 24 Hours			
06:00	09:30	3.50	DRILL	DR	DRILL F/ 304' TO 370' (66' @ 18.8 FT/HR) WOB 10 -20, RPM 60, GPM 650,SSP- 1,250 PSI.) NEW COLLARS BREAK AND MAKE UP AND REDOPE AND RE TORQUE.			
09:30	10:30	1.00	DRILL	SR	RIG SERVICE GREASE TOP DRIVE AND AJUST GRABBER BOX, NOV TECH TO CHECK TOP DRIVE,			
10:30	11:30	1.00	DRILL	DR	DRILL F/ 370' TO 382' (12' @ 12 FT/HR) WOB 10 -20, RPM 60, GPM 700,SSP- 1,250 PSI.) NEW COLLARS BREAK AND MAKE UP AND REDOPE AND RE TORQUE.HARD DRILLING TQ ,MUD WT 8.9 (NOTE CALL RRC.AND TALK TO MARY ON CEMENT, @ DIST. 7-C & JOB # 1311 CALL @ 11:00 AM ON 02-21-2012)			
11:30	12:00	0.50	DRILL	OT	RECALIBRATED HOOKLOAD AND CHECK PASON .			
12:00	15:00	3.00	DRILL	DR	DRILL F/ 382' TO 496' (114' @ 38 FT/HR) WOB 10 -20, RPM 60-70, GPM 700,SSP- 1,250 PSI.) NEW COLLARS BREAK AND MAKE UP AND REDOPE AND RE TORQUE.HARD DRILLING TQ ,MUD WT 8.8			
15:00	16:00	1.00	DRILL	DR	LAY OUT 2 X-O SUBS AND PICK UP 1 17.375 STAB. AND 1 JT. 5" HWT DP.			
16:00	20:30	4.50	DRILL	DR	DRILL F/ 496' TO 654' (158' @ 35.1' FT/HR) WOB 10 -20, RPM 60-70, GPM 728,SSP- 1,650 PSI.) HARD DRILLING TQ ,MUD WT 8.8			
24.00 = Total Hours Today								

HYDRAULICS			
Std. Pipe (psi):	1900	Total GPM (Gals/min):	728
		Total SPM:	174
AV(DP) (ft/min):	63.5	AV(DC) (ft/min):	73.7
Jet Vel (ft/s):	264.34	PSI Drop (psi):	549.927
Bit HP (HP):	233.67	HP/in2 (HP/in²):	0.97
	PUMP#1	PUMP#2	PUMP#3
#Cyl:	3	3	
S.L. (in):	12.000	12.000	
Liner Id (in):	6.000	6.000	
SPM:	87	87	
Rod Dia (in):	12.000	12.000	
Eff %:	95	95	
GPM (Gals/min):	364	364	
SLOW PUMP RATES			
Depth (ft):			
SPM:			
PRSR (psi):			
Safety			
Test	Date	Pressure	
BOP:			
CSG:			
Test MW:			
Test TVD (ft):			
Test Prsr (psi):			
LOT/FIT:			
BOP Drill:			
Fire Drill:			
Evac Drill:			
Safety Meeting:	02/22/2012 05:30		
Spills Reported (Y/N):	N		
Accidents(S)(Y/N):	Y		

GENERAL COMMENTS :	
DRILL STRING IN HOLE :BHA= 983	
MOTOR INFO= 6/7 5.0 .11 RPG	
RIG TUBULARS: 510 JTS 5" DP,6 - 5" HWDP,6 - 8" DC,9 - 6.5" DC	
RENT TUBULARS: 9-8" DC,12-5" HWDP	
CSG ON LOC: 25 JTS 13 3/8" = 1125.5'	
RIG FUEL USED LAST 24 HRS 470 GALS, RECV'D 0 GALS TOTAL 9,410 GALS.	
WATER WELL BBLS USED 0 BBLS, TOTAL USED 2,098 BBLS	

FROM	TO	HRS	PH CD	OP CD	Activity Last 24 Hours
20:30	21:30	1.00	DRILL	FD	NOV HAD TO ADJUST ST-80, NOT GRIPPING PIPE PROPERLY..
21:30	06:00	8.50	DRILL	DR	DRILL F/ 654' TO 983 (329' @ 38.7' FTHR) WOB 10 -20, RPM 60-70, GPM 728,SSP- 2,000 PSI.) HARD DRILLING TQ ,MUD WT 8.8,(G/L SET @ 5+OR -)(SSP + OR - 100 PSI)
24.00 = Total Hours Today					

WELL:	UNIVERSITY 12-17 #1H								
FIELD:	SOUTH MIDLAND	MD (ft):	983	TVD (ft):	983	DOL:	11	DSS:	3
STATE:	TX REAGAN	PROGRESS (ft):	0			FOREMAN:	CHARLES HENSLEY		
REGION:	MID-CON REGION	HRS DRLG:				AFE #:	110DC114542	API #:	4238337579
RIG CONTR:	PATTERSON 240	24Hr ROP (ft/hr):		DRLG AFE:	\$4,517,200	AFE Total:	\$9,639,700	CASING (in):	
RIG NBR:	PATTERSON 240	SPUD DATE:	02/20/2012	RLS DATE:		DAILY DRLG:	\$48,404	PLAN TD (ft):	14,770
PH NBR:	713-405-1343	SPUD TIME:	06:30	RLS TIME:		DRLG TOT:	\$769,235	SHOE TD (ft):	

24 Hrs SUMMARY:	CIRCULATE, SURVEY, SHORT TRIP, CIRCULATE, POOH, RUN 13-3/8" CASING
CURRENT ACTIVITY:	RUN 13-3/8" SURFACE CASING AT 313'
FORECAST:	RUN CSG. CEMENT, WELD ON WELL HEAD, NIPPLE UP 13-3/8" RISER & ROTATING HEAD

BHA # : 01					
Qty	Description	O.D. (in)	I.D. (in)	Length (ft)	
1	BIT	17.500		1.50	
1	MUD MOTOR STRAIGHT	9.750		29.32	
1	SHOCK SUB	8.063	2.812	13.40	
1	STABILIZER	8.250	2.875	6.75	
1	DRILL COLLAR	8.063	2.312	29.74	
1	DRILL COLLAR	8.063	2.312	30.67	
1	STABILIZER	8.250	2.875	7.92	
1	DRILL COLLAR	8.063	2.312	29.83	
1	DRILL COLLAR	8.063	2.312	31.08	
1	DRILL COLLAR	8.063	2.312	31.02	
1	DRILL COLLAR	8.063	2.312	31.03	
1	DRILL COLLAR	8.000	2.312	31.07	
1	DRILL COLLAR	8.000	2.312	31.05	
1	DRILL COLLAR	8.000	2.312	31.04	
1	DRILL COLLAR	8.000	2.312	30.21	
1	DRILL COLLAR	8.250	2.875	30.21	
1	DRILL COLLAR	8.250	2.875	30.64	
1	DRILL COLLAR	8.250	2.875	30.24	
1	STABILIZER	8.250			
Buoyed Weight (lbs):		86508	Total Length (ft):	1,013.98	
MUD Logging					
Depth (ft):		Max Gas:			
BG/G:		Trip Gas:			
CG:		Mud Cut:			
MUD VOLUMES					
DP (bbl):		Reserve Pits (bbl):			
Annulus (bbl):		Active Pits (bbl):			
		LOST (bbl):			
Trip:		1			
Bit:		1			
Model:		RSH616M			
S/N:		E152620			
MFG:		REED			
Size (in):		17.500			
IADC:					
IN (ft):					
OUT (ft):		983.00			
Length (ft):		883.00			
Hours:		35			
ROP (ft/hr):		25.59			
TFA (1/32in"):		0.0276			
WOB (lbs):		15.00			
P/U Wt:		132			
S/O Wt:		121			
RPM:		102			
ROT Wt:		125			
Torque (ft lbf):		8500.00			
DRAG:					
I:		1			
O:		2			
D:		BT			
L:		G			
B:					
G:		I			
O:		WT			
R:		TD			
MUD PROPERTIES					
Time:		15:20	Solids:	3.0	
Comp:		VENTURE DRILLING FLUIDS			
Depth (ft):		983	Oil:		
Water:		97	10 sec Gel (lb/100ft³):		
MW (lb/gal):		8.8	10 min Gel (lb/100ft³):		
VISC (s/qt):		35	30 min Gel (lb/100ft³):		
PV (cP):		6	CA:	160	
YP (lb/100ft³):		0	Pm:	0.1	
pH:		8.5	Pf:	0.0	
Chl:		2600	Ex Lime (lb/bbl):		
WL:		Elec Stab:			
HTHP:		MBT:			
FC (1/32"):		ECD (lb/gal):			
Mud Used					
Mud Additive					Used
ENGINEERING					1
FRESHWATER GEL					15
PALLETES					1

SURVEYS					KB Elev (ft):	2,806	GL Elev (ft):	2,778
MD (ft)	Angle	Azim	TVD (ft)	V. Sect. (ft)	+N/-S	+E/-W	D.L.	
FROM	TO	HRS	PH CD	OP CD	Activity Last 24 Hours			
06:00	07:30	1.50	DRILL	CI	CIRCULATE HOLE CLEAN AT 983', UTILIZING HIGH PUMP RATES AND ROTARY WHILE WORKING PIPE.			
07:30	08:00	0.50	DRILL	SU	PERFORM DIRECTIONAL SURVEY AT 900' (INCLINATION AT .75 DEGREES).			
08:00	09:30	1.50	DRILL	CI	CIRCULATE HOLE CLEAN AT 983', PUMP A 50 BBL GEL/LIME SWEEP AT A HIGH PUMP RATE AND ROTARY WHILE WORKING PIPE.			
09:30	11:00	1.50	DRILL	TR	POOH HOLE FROM 983' WITH 5" HWDP TO 464'.			
11:00	12:00	1.00	DRILL	FD	TROUBLE SHOOT & MAKE REPAIRS TO ST-80.			
12:00	14:30	2.50	DRILL	TR	POOH FROM 464' WITH 8" DRILL COLLARS LAYING DOWN FOUR 17-1/8" STABILIZERS.			
14:30	15:00	0.50	DRILL	TR	CLEAN RIG FLOOR FOR SAFETY, INSPECT BIT.			
15:00	17:00	2.00	DRILL	TR	TIH TO 983' MONITOR WELL AT TRIP TANK			
17:00	19:00	2.00	DRILL	CI	CIRC. AFTER SHORT TRIP MIX AND PUMP 50 BBL. HIGH VIS SWEEP.			
19:00	20:30	1.50	DRILL	FD	TROUBLE SHOOT AND WORK ON ST-80			
20:30	01:00	4.50	DRILL	TR	POOH FROM 983' FOR SURFACE CSG.MONITOR WELL AT TRIP TANK, LAY DOWN SHOCK SUB - MUD MOTOR & 17-1/2" BIT & CLEAN RIG FLOOR FOR SAFETY.			

HYDRAULICS			
Std. Pipe (psi):	1900	Total GPM (Gals/min):	728
		Total SPM:	174
AV(DP) (ft/min):		AV(DC) (ft/min):	
Jet Vel (ft/s):	264.34	PSI Drop (psi):	549.927
Bit HP (HP):	233.67	HP/in2 (HP/in²):	0.97
	PUMP#1	PUMP#2	PUMP#3
#Cyl:	3	3	
S.L. (in):	12.000	12.000	
Liner Id (in):	6.000	6.000	
SPM:	87	87	
Rod Dia (in):	12.000	12.000	
Eff %:	95	95	
GPM (Gals/min):	364	364	
SLOW PUMP RATES			
Depth (ft):			
SPM:			
PRSR (psi):			
Safety			
Test	Date	Pressure	
BOP:			
CSG:			
Test MW:			
Test TVD (ft):			
Test Prsr (psi):			
LOT/FIT:			
BOP Drill:			
Fire Drill:			
Evac Drill:			
Safety Meeting:		02/22/2012 05:30	
Spills Reported (Y/N):		N	
Accidents(S)(Y/N):		N	

24.00 = Total Hours Today

GENERAL COMMENTS :

DRILL STRING IN HOLE :BHA= 983
MOTOR INFO= 6/7 5.0 .11 RPG
RIG TUBULARS: 510 JTS 5" DP, 6 - 5" HWDP, 6 - 8" DC, 9 - 6.5" DC
RENT TUBULARS: 9-8" DC, 12-5" HWDP
CSG ON LOC: 25 JTS 13 3/8" = 1125.5'
RIG FUEL USED LAST 24 HRS 2353 GALS, RECVD 0 GALS TOTAL 7,057 GALS, TOTAL USED
WATER WELL BBLS USED 662 BBLS, TOTAL USED 2,760 BBLS

FROM	TO	HRS	PH CD	OP CD	Activity Last 24 Hours
01:00	02:30	1.50	DRILL	RC	HELD PJSM, RIG UP BYRD 13-3/8" CASING EQUIPMENT.
02:30	03:00	0.50	DRILL	RC	HELD PJSM WITH PATTERSON & BYRD CASING CREWS ON RUNNING 13-3/8" CASING.
03:00	06:00	3.00	DRILL	RC	RUN 13-3/8" CASING 7 JTS OF 54.5# J-55, BTC @ 313' (STRAP WELD FLOAT SHOE & FLOAT COLLAR - TEST FLOAT EQUIPMENT).
24.00 = Total Hours Today					

WELL:	UNIVERSITY 12-17 #1H	MD (ft):	983	TVD (ft):	983	DOL:	12	DSS:	4
FIELD:	SOUTH MIDLAND	PROGRESS (ft):				FOREMAN:	CHARLES HENSLEY		
STATE:	TX REAGAN	HRS DRLG:				AFE #:	110DC114542	API #:	4238337579
REGION:	MID-CON REGION	24Hr ROP (ft/hr):		DRLG AFE:	\$4,517,200	AFE Total:	\$9,639,700	CASING (in):	13.375
RIG CONTR:	PATTERSON 240	SPUD DATE:	02/20/2012	RLS DATE:		DAILY	\$166,986	PLAN TD (ft):	14,770
RIG NBR:	PATTERSON 240					DRLG:			
PH NBR:	713-405-1343	SPUD TIME:	06:30	RLS TIME:		DRLG TOT:	\$936,971	SHOE TD (ft):	

24 Hrs SUMMARY:	RUN & CEMENT 13-3/8" CASING, NIPPLE DOWN 20" RISER.
CURRENT ACTIVITY:	NIPPLE UP 13 3/8" RISER,
FORECAST:	NIPPLE UP 13 3/8" RISER, ROT. HEAD, AND FLOW LINE,

BHA # :					Trip:			MUD PROPERTIES			
Qty	Description	O.D. (in)	I.D. (in)	Length (ft)	Bit:			Time:	21:32	Solids:	1.1
					Model:			Comp:	VENTURE MUD		
					S/N:			Depth (ft):	983	Oil:	
					MFG:			Water:	99	10 sec Gel (lb/100ft³):	0
					Size (in):			MW (lb/gal):	8.5	10 min Gel (lb/100ft³):	0
					IADC:			VISC (s/qt):	42	30 min Gel (lb/100ft³):	
					IN (ft):			PV (cP):	5	CA:	
					OUT:			YP (lb/100ft³):	0	Pm:	0.1
					Length (ft):			pH:	9.0	Pf:	0.0
					Hours:			Chl:	2400	Ex Lime (lb/bbl):	0.01
					ROP (ft/hr):			WL:	Elec Stab:		
					TFA (1/32in²):			HTHP:	MBT:		
					WOB (lbs):			FC (1/32"):	ECD (lb/gal):		
					P/U Wt:						
					S/O Wt:						
					RPM:						
					ROT Wt:						
					Torque (ft lbf):						
					DRAG:						
					I:						
					O:						
					D:						
					L:						
					B:						
					G:						
					O:						
					R:						

Buoyed Weight (lbs):		Total Length (ft):	
MUD Logging			
Depth (ft):		Max Gas:	
BGG:		Trip Gas:	
CG:		Mud Cut:	
MUD VOLUMES			
DP (bbl):		Reserve Pits (bbl):	
Annulus (bbl):		Active Pits (bbl):	
		LOST (bbl):	

Mud Used		
Mud Additive		Used
ENGINEERING		1

Buoyed Weight (lbs): Total Length (ft):

MUD Logging	
Depth (ft):	Max Gas:
BGG:	Trip Gas:
CG:	Mud Cut:

MUD VOLUMES	
DP (bbl):	Reserve Pits (bbl):
Anulus (bbl):	Active Pits (bbl):
	LOST (bbl):

SURVEYS							KB Elev (ft):	2,806	GL Elev (ft):	2,778
MD (ft)	Angle	Azim	TVD (ft)	V. Sect. (ft)	+N-S	+E-W	D.L.			

FROM	TO	HRS	PH CD	OP CD	Activity Last 24 Hours
06:00	09:00	3.00	DRILL	RC	RUN 22 JTS OF 13--3/8" 54.5# J-55 BT&C TO A DEPTH OF 983', RIG DOWN 13-3/8" CASING CIRCULATING SWAGE, RIG UP HALLIBURTON CEMENT HEAD & FILL CASING.
09:00	10:00	1.00	DRILL	CI	CIRCULATE 1.5 BOTTOMS UP AT 983', HELD PJSM WITH PATTERSON & HALLIBURTON CREWS.
10:00	11:30	1.50	DRILL	CM	RIG HALLIBURTON CEMENT HARD LINES, PUMP 2 BBLS OF WATER, PRESSURE TEST CEMENT LINES TO 1,500 PSI, CEMENT 13-3/8" CASING AS FOLLOWS: PUMP 20 BBLS FRESH WATER SPACER, LEAD CEMENT @ 202 BBLS, 620 SKS OF 12.9 PPG 1.83 YIELD 9.54 GPS WATER, TAIL CEMENT @ 99 BBLS 415 SKS OF 14.8 PPG 1.35 YIELD 6.4 GPS WATER, DROP PLUG, DISPLACE WITH 145 BBLS OF DRILL WATER, BUMP PLUG & CIP @ 11:24 HOURS ON 2/23/2012 WITH 699 PSI (250 PSI OVER) WITH FULL RETURNS, 75 BBLS LEAD CEMENT BACK TO SURFACE, FLOATS HELD WITH .5 BBLS BACK TO CEMENT TRUCK.
11:30	15:30	4.00	DRILL	CM	WOC, DRAIN 20" RISER & FLUSH OUT FLOW LINE, CLEAN OUT CELLAR, RIG DOWN 20" RISER TURN BUCKLES & PREPARE FOR NIPPLE DOWN OF SAME.
15:30	18:00	2.50	DRILL	NU	RIG DOWN HALLIBURTON CEMENT HEAD, NIPPLE DOWN 20" RISER,

24.00 = Total Hours Today

HYDRAULICS			
Std. Pipe (psi):	Total GPM (Gals/min):		
AV(DP) (ft/min):	Total SPM:		
Jet Vel (ft/s):	AV(DC) (ft/min):		
Bit HP (HP):	PSI Drop (psi):		
	HP/in2 (HP/in²):		
	PUMP#1	PUMP#2	PUMP#3
#Cyl:			
S.L. (in):			
Liner Id (in):			
SPM:			
Rod Dia (in):			
Eff %:			
GPM (Gals/min):			

SLOW PUMP RATES			
Depth (ft):			
SPM:			
PRSR (psi):			

Safety		
Test	Date	Pressure
BOP:		
CSG:		
Test MW:		
Test TVD (ft):		
Test Prsr (psi):		
LOT/FIT:		
BOP Drill:		
Fire Drill:		
Evac Drill:		
Safety Meeting:		02/24/2012 05:30
Spills Reported (Y/N):		
Accidents(S)(Y/N):		

GENERAL COMMENTS :

DRILL STRING IN HOLE :BHA=0
MOTOR INFO=
RIG TUBULARS: 510 JTS 5" DP,6 - 5" HWDP,6 - 8" DC,9 - 6.5" DC
RENT TUBULARS: 9-8" DC,12-5" HWDP
CSG ON LOC: 25 JTS 13 3/8" = 1125.5'
RIG FUEL USED LAST 24 HRS 1706 GALS, REC'D 5,000 GALS TOTAL 10,351 GALS, TOTAL USED 8,249 GAL.
WATER WELL BBLS USED 0 BBLS, TOTAL USED 2,760 BBLS

FROM	TO	HRS	PH CD	OP CD	Activity Last 24 Hours
18:00	06:00	12.00	ACP	NU	CUT OFF & LAY DOWN 20" RISER & 13-3/8" CASING, PERFORM SMOOTH CUT ON 13-3/8" CASING & INSTALL WELL HEAD (PRESSURE TEST WELL HEAD TO 800 PSI), DRILL REP. CHECK PRESSURE OK. HELD 10 MIN, GOOD TEST. FABRICATE 13-3/8" RISER / FIT FOR FLOWLINE OUTLET, ROTATING HEAD, WELL HEAD ADAPTOR FLANGE, ORBIT VALVE, INSTALL 13-3/8" RISER / FLOW NIPPLE.
24.00 = Total Hours Today					

WELL:	UNIVERSITY 12-17 #1H	MD (ft):	983	TVD (ft):	983	DOL:	13	DSS:	5
FIELD:	SOUTH MIDLAND	PROGRESS (ft):				FOREMAN:	CHARLES HENSLEY		
STATE:	TX REAGAN	HRS DRLG:				AFE #:	110DC114542	API #:	4238337579
REGION:	MID-CON REGION	24Hr ROP (ft/hr):		DRLG AFE:	\$4,517,200	AFE Total:	\$9,639,700	CASING (in):	13.375
RIG CONTR:	PATTERSON 240	SPUD DATE:	02/20/2012	RLS DATE:		DAILY	\$53,030	PLAN TD (ft):	14,770
RIG NBR:	PATTERSON 240					DRLG:			
PH NBR:	713-405-1343	SPUD TIME:	06:30	RLS TIME:		DRLG TOT:	\$990,001	SHOE TD (ft):	

24 Hrs SUMMARY:	NIPPLE UP FLOWLINE & RISER, MU AND TIH WITH BHA
CURRENT ACTIVITY:	TIH WITH BHA
FORECAST:	TIH TO TOC TEST CASING, DRILL OUT SHOE TRACK & 12-1/4" HOLE

BHA # : 02					Trip:	2
Qty	Description	O.D. (in)	I.D. (in)	Length (ft)	Bit:	2
1	BIT	12.250		1.50	Model:	DSH616D
1	MUD MOTOR STRAIGHT	9.625	2.313	31.20	S/N:	131172
1	SHOCK SUB	9.063	2.875	13.21	MFG:	REED
1	STABILIZER	8.062	2.875	8.03	Size (in):	12.250
2	DRILL COLLAR	8.063	2.312	60.41	IADC:	
1	STABILIZER	8.875	2.562	7.50	IN (ft):	
11	DRILL COLLAR	8.250	2.312	337.69	OUT:	
1	STABILIZER	8.875	2.562	6.75	Length (ft):	
18	HEAVY WT. DRILL PIPE	5.000	3.000	557.26	Hours:	
Buoyed Weight (lbs): 90868 Total Length (ft): 1,023.55					ROP (ft/hr):	
					TFA (1/32in ²):	0.0282
					WOB (lbs):	
					P/U Wt:	112
					S/O Wt:	112
					RPM:	
					ROT Wt:	
					Torque (ft lbf):	
					DRAG:	
					I:	
					O:	
					D:	
					L:	
					B:	
					G:	
					O:	
					R:	

MUD PROPERTIES			
Time:	16:53	Solids:	1.0
Comp:	VENTURE		
Depth (ft):	983	Oil:	
Water:	99	10 sec Gel (lb/100ft ³):	0
MW (lb/gal):	8.5	10 min Gel (lb/100ft ³):	0
VISC (s/qt):	38	30 min Gel (lb/100ft ³):	
PV (cP):	6	CA:	
YP (lb/100ft ³):	0	Pm:	0.6
pH:	7.4	Pf:	0.1
Chl:	2100	Ex Lime (lb/bbl):	
WL:		Elec Stab:	
HTHP:		MBT:	
FC (1/32"):		ECD (lb/gal):	

Mud Used	
Mud Additive	Used
ENGINEERING	1
FRESHWATER GEL	15
MF-55	1
VIS-MASTER	5

SURVEYS							KB Elev (ft):	2,806	GL Elev (ft):	2,778
MD (ft)	Angle	Azim	TVD (ft)	V. Sect. (ft)	+N/-S	+E/-W	D.L.			

FROM	TO	HRS	PH CD	OP CD	Activity Last 24 Hours
06:00	01:00	19.00	DRILL	NU	NIPPLE UP FLOWLINE & 13-3/8" RISER, MODIFY FLOWLINE, FAB & INSTALL DOUBLE X/O FLANGE FROM ROTATING HEAD TO ORBIT VALVE, MODIFY & INSTALL ADAPTER FLANGE FROM ORBIT VALVE TO DRESSER SLEEVE FROM FLOWLINE, KSW INSTALLING FLARE LINE FROM GAS SEPARATOR TO FLARE STACK, PASON RIGGING UP FLOWLINE TRIP TANK MUD TANK PROBES & SENSORS.
01:00	06:00	5.00	DRILL	TR	PICK UP MUD MOTOR, SHOCK SUB AND MAKE UP 12.25 BIT AND TIH TO 325'

24.00 = Total Hours Today

HYDRAULICS			
Std. Pipe (psi):		Total GPM (Gals/min):	0
		Total SPM:	0
AV(DP) (ft/min):	0.0	AV(DC) (ft/min):	0.0
Jet Vel (ft/s):	0.00	PSI Drop (psi):	0.000
Bit HP (HP):	0.00	HP/in2 (HP/in ²):	0.00
	PUMP#1	PUMP#2	PUMP#3
#Cyl:	3	3	
S.L. (in):	12.000	12.000	
Liner Id (in):	6.000	6.000	
SPM:			
Rod Dia (in):	12.000	12.000	
Eff %:	95	95	
GPM (Gals/min):			
SLOW PUMP RATES			
Depth (ft):			
SPM:			
PRSR (psi):			
Safety			Pressure
Test	Date		
BOP:			
CSG:			
Test MW:			
Test TVD (ft):			
Test Prsr (psi):			
LOT/FIT:			
BOP Drill:			
Fire Drill:			
Evac Drill:			
Safety Meeting:			12/30/1899 05:30
Spills Reported (Y/N):			N
Accidents(S)(Y/N):			N

GENERAL COMMENTS :

DRILL STRING IN HOLE :BHA=0
MOTOR INFO= 9.625 5/6 4.0, .11REV/GAL
RIG TUBULARS: 510 JTS 5" DP,6 - 5" HWDP,6 - 8" DC,9 - 6.5" DC
RENT TUBULARS: 9-8" DC,12-5" HWDP
CSG ON LOC: 3 JTS 13 3/8" =
RIG FUEL USED LAST 24 HRS 627 GALS, RECV'D 5,000 GALS TOTAL 10,351 GALS, TOTAL USED 8,876 GAL.
WATER WELL BBLS USED 310 BBLS, TOTAL USED 3,070 BBLS

WELL: UNIVERSITY 12-17 #1H		MD (ft): 1,494		TVD (ft): 1,494		DOL: 14		DSS: 6	
FIELD: SOUTH MIDLAND		PROGRESS (ft): 511		FOREMAN: CHARLES HENSLEY		AFE #: 110DC114542		API #: 423833759	
STATE: TX REAGAN		HRS DRLG: 9.50		AFE Total: \$9,639,700		CASING (in): 13.375		DAILY DRLG: \$47,519	
REGION: MID-CON REGION		24Hr ROP (ft/hr): 53.79		DRLG AFE: \$4,517,200		PLAN TD (ft): 14,770		DRLG TOT: \$1,037,521	
RIG CONTR: PATTERSON 240		SPUD DATE: 02/20/2012		RLS DATE:		SHOE TD (ft): 983			
RIG NBR: PATTERSON 240		PH NBR: 713-405-1343		SPUD TIME: 06:30		RLS TIME:			
24 Hrs SUMMARY: TIH, INSTALL HEAD, TEST CSG ,RIG UP PASON SYSTEM, DRLG CEMENT AND NEW FORMATION									
CURRENT ACTIVITY: DRILLING @ 1,494									
FORECAST: CONT. DRILLING 12-1/4" HOLE TO 3,500' + OR -									

BHA # : 02					Trip: 2		MUD PROPERTIES			
Qty	Description	O.D. (in)	I.D. (in)	Length (ft)	Bit:	Model:	Time:	04:04	Solids:	0.4
1	BIT	12.250		1.50	S/N:	DSH616D	Comp:	1		
1	MUD MOTOR STRAIGHT	9.625	2.313	31.20	MFG:	131172	Depth (ft):	1,000	Oil:	
1	SHOCK SUB	9.063	2.875	13.21	Size (in):	12.250	Water:	100	10 sec Gel (lb/100ft³):	0
2	STABILIZER	8.063	2.312	60.41	IADC:		MW (lb/gal):	8.7	10 min Gel (lb/100ft³):	0
1	STABILIZER	8.875	2.562	7.50	IN (ft):		VISC (s/qt):	37	30 min Gel (lb/100ft³):	
11	DRILL COLLAR	8.250	2.312	337.42	OUT:		PV (cP):	2	CA:	
1	STABILIZER	8.875	2.562	6.75	Length (ft):	511.00	YP (lb/100ft³):	0	Pm:	
18	HEAVY WT. DRILL PIPE	5.000	3.000	557.26	Hours:	10	pH:	12.0	Pf:	
					ROP (ft/hr):	53.79	Chl:	1800	Ex Lime (lb/bbl):	
					TFA (1/32in²):	0.0282	WL:		Elec Stab:	
					WOB (lbs):		HTHP:		MBT:	
					P/U Wt:	135	FC (1/32"): 1	ECD (lb/gal):		
					S/O Wt:	130				
					RPM:	60				
					ROT Wt:	130				
					Torque (ft lbf):	3000.00				
					DRAG:					
					I:					
					O:					
					D:					
					L:					
					B:					
					G:					
					O:					
					R:					
Buoyed Weight (lbs): 90510					Total Length (ft): 1,023.28					
MUD Logging										
Depth (ft):		Max Gas:								
BGG:		Trip Gas:								
CG:		Mud Cut:								
MUD VOLUMES										
DP (bbl):		Reserve Pits (bbl):								
Annulus (bbl):		Active Pits (bbl):								
		LOST (bbl):								

SURVEYS							KB Elev (ft): 2,806	GL Elev (ft): 2,778	HYDRAULICS		
MD (ft)	Angle	Azim	TVD (ft)	V. Sect. (ft)	+N/-S	+E/-W	D.L.	Std. Pipe (psi):	565	Total GPM (Gals/min):	586
1,177	0.45		0					AV(DP) (ft/min):	114.9	AV(DC) (ft/min):	166.9
								Jet Vel (ft/s):	208.44	PSI Drop (psi):	338.037
								Bit HP (HP):	115.62	HP/in2 (HP/in²):	0.98
								PUMP#1	PUMP#2	PUMP#3	
#Cyl:								3	3		
S.L. (in):								12.000	12.000		
Liner Id (in):								6.000	6.000		
SPM:								70	70		
Rod Dia (in):								12.000	12.000		
Eff %:								95	95		
GPM (Gals/min):								293	293		
SLOW PUMP RATES											
Depth (ft):											
SPM:											
PRSR (psi):											
Safety											
Test	Date	Pressure									
BOP:		0									
CSG:	02/25/2012	188									
Test MW:											
Test TVD (ft):											
Test Prsr (psi):											
LOT/FIT:											
BOP Drill:											
Fire Drill:											
Evac Drill:											
Safety Meeting:		02/26/2012 05:30									
Spills Reported (Y/N):		N									
Accidents(S)(Y/N):		N									

24.00 = Total Hours Today	
GENERAL COMMENTS :	
DRILL STRING IN HOLE :BHA=1023.28 MOTOR INFO= 9.625 5/6 4.0, .11REV/GAL RIG TUBULARS: 510 JTS 5" DP,6 - 5" HWDP,6 - 8" DC,9 - 6.5" DC RENT TUBULARS: 9-8" DC,12-5" HWDP CSG ON LOC: 3 JTS 13 3/8" = RIG FUEL USED LAST 24 HRS 785 GALS, RECV'D 0 GALS TOTAL 8,939 GALS, TOTAL USED 9,661 GAL. WATER WELL BBLs USED 0 BBLs, TOTAL USED 3,070 BBLs, BRINE 210 BBL USED, 689 BBL ON HAND,	

FROM	TO	HRS	PH CD	OP CD	Activity Last 24 Hours
16:00	20:00	4.00	DRILL	DC	WASH DOWN AND TAG CEMENT @ 930' DRLG CEMENT AND PLUG FLOAT COLLAR,@ 934' AND CMT & SHOE F/ 930 TO 983' WORK THROUGH FLOAT COLLAR AND SHOE 3 TIME WITH ROTARY AND WITH OUT ROTARY & WITH PUMP AND WITH OUT PUMP.
20:00	01:30	5.50	DRILL	DR	DRILL F/ 983' TO 1,209' (226' FT. @ 41' FT/HR) WOB 5-15, 35 ROT. 350 TO 550 GPM PSI 1,370, GAIN LOSS SET @ + OR - 5 BBL, FLOW SET @ + OR - 5
01:30	02:00	0.50	DRILL	SU	TAKE WIRELINE SURVEY @ 1,178, .45°
02:00	06:00	4.00	DRILL	DR	DRILL F/ 1,209' TO 1,494' (285' FT. @ 71.25' FT/HR) WOB 5-15, 35 ROT. TORQUE 3 TO 6K 560 GPM PSI 1,370, GAIN LOSS SET @ + OR - 5 BBL, FLOW SET @ + OR - 5
24.00 = Total Hours Today					

WELL:	UNIVERSITY 12-17 #1H	MD (ft):	2,330	TVD (ft):	2,330	DOL:	15	DSS:	7
FIELD:	SOUTH MIDLAND	PROGRESS (ft):	836			FOREMAN:	CHARLES HENSLEY		
STATE:	TX REAGAN	HRS DRLG:	22.00			AFE #:	110DC114542	API #:	423833759
REGION:	MID-CON REGION	24Hr ROP (ft/hr):	38.00	DRLG AFE:	\$4,517,200	AFE Total:	\$9,639,700	CASING (in):	13.375
RIG CONTR:	PATTERSON 240	SPUD DATE:	02/20/2012	RLS DATE:		DAILY	\$60,596	PLAN TD (ft):	14,770
RIG NBR:	PATTERSON 240					DRLG:			
PH NBR:	713-405-1343	SPUD TIME:	06:30	RLS TIME:		DRLG TOT:	\$1,098,117	SHOE TD (ft):	983

24 Hrs SUMMARY:	SURVEY, DRILL, R/S, DRILL
CURRENT ACTIVITY:	DRILLING @ 2,330
FORECAST:	CONT. DRILLING 12-1/4" HOLE TO 3,500' +/-

BHA # : 02					Trip: 2		MUD PROPERTIES			
Qty	Description	O.D. (in)	I.D. (in)	Length (ft)	Bit:	2	Time:	14:32	Solids:	3.9
1	BIT	12.250		1.50	Model:	DSH616D	Comp:	VENTURE DRILLING FLUIDS		
1	MUD MOTOR STRAIGHT	9.625	2.313	31.20	S/N:	131172	Depth (ft):	1,849	Oil:	
1	SHOCK SUB	9.063	2.875	13.21	MFG:	REED	Water:	99	10 sec Gel (lb/100ft³):	0
1	STABILIZER	8.062	2.875	8.03	Size (in):	12.250	MW (lb/gal):	9.1	10 min Gel (lb/100ft³):	0
2	DRILL COLLAR	8.063	2.312	60.41	IADC:		VISC (s/qt):	28	30 min Gel (lb/100ft³):	
1	STABILIZER	8.875	2.562	7.50	IN (ft):		PV (cP):	3	CA:	
11	DRILL COLLAR	8.250	2.312	337.42	OUT:		YP (lb/100ft³):	0	Pm:	1.1
1	STABILIZER	8.875	2.562	6.75	Length (ft):	1347.00	pH:	10.0	Pf:	0.3
18	HEAVY WT. DRILL PIPE	5.000	3.000	557.26	Hours:	32	Chl:	4000	Ex Lime (lb/bbl):	0.20
Buoyed Weight (lbs): 89872 Total Length (ft): 1,023.28					ROP (ft/hr):	42.76	WL:	Elec Stab:		
					TFA (1/32in²):	0.0282	HTHP:	MBT:		
					WOB (lbs):		FC (1/32"):	ECD (lb/gal):		
					P/U Wt:	155				
					S/O Wt:	150				
					RPM:	74				
					ROT Wt:	150				
					Torque (ft lbf):	5000.00				
					DRAG:					
					I:					
					O:					
					D:					
					L:					
					B:					
					G:					
					O:					
					R:					

MUD Logging		
Depth (ft):	Max Gas:	
BGG:	Trip Gas:	
CG:	Mud Cut:	

MUD VOLUMES		
DP (bbl):	24.00	Reserve Pits (bbl): 579
Anulus (bbl):	223.00	Active Pits (bbl): 823
		LOST (bbl):

SURVEYS								KB Elev (ft): 2,806 GL Elev (ft): 2,778		HYDRAULICS	
MD (ft)	Angle	Azim	TVD (ft)	V. Sect. (ft)	+N/-S	+E/-W	D.L.	Std. Pipe (psi):	1790	Total GPM (Gals/min):	668
1,930	0.68	0.00	1,930	-7.46	19.10	0.00	0.03	AV(DP) (ft/min):	131.3	AV(DC) (ft/min):	190.7
								Jet Vel (ft/s):	237.61	PSI Drop (psi):	459.456
								Bit HP (HP):	179.14	HP/in2 (HP/in²):	1.52

FROM	TO	HRS	PH CD	OP CD	Activity Last 24 Hours	#Cyl:	PUMP#1	PUMP#2	PUMP#3
06:00	07:00	1.00	DRILL	SU	TAKE SURVEY @ MD 1494' SURVEY @ 1418' .52°	S.L. (in):	12.000	12.000	
07:00	19:00	12.00	DRILL	DR	DRILL F/ 1.494' TO 1.961' (467' FT. @ 38.9' FT/HR) WOB 5-15, 45 ROT. TORQUE 3 TO 6K 669 GPM PSI 1,620, GAIN LOSS SET @ + OR - 5 BBL, FLOW SET @ + OR - 5 (SPP SET 100 +/- . MOTOR RPM 74	Liner Id (in):	6.000	6.000	
						SPM:	80	80	
19:00	19:30	0.50	DRILL	SR	SERVICE RIG, TD, AND MAN RIDERS	Rod Dia (in):	12.000	12.000	
19:30	20:00	0.50	DRILL	SU	WIRE LINE SURVEY @ 1,930' .68°	Eff %:	95	95	
20:00	06:00	10.00	DRILL	DR	DRILL F/ 1.961' TO 2,330' (369' FT. @ 36.9' FT/HR) WOB 5-15, 45 ROT. TORQUE 3 TO 6K 669 GPM PSI 1,620, GAIN LOSS SET @ + OR - 5 BBL, FLOW SET @ + OR - 5 (SPP SET 100 +/- . MOTOR RPM 74	GPM (Gals/min):	334	334	

24.00 = Total Hours Today

GENERAL COMMENTS :

DRILL STRING IN HOLE :BHA=1023.28
MOTOR INFO= 9.625 5/6 4.0, .11REV/GAL
RIG TUBULARS: 510 JTS 5" DP, 6 - 5" HWD, 6 - 8" DC, 9 - 6.5" DC
RENT TUBULARS: 9-8" DC, 12-5" HWD
CSG ON LOC: 3 JTS 13 3/8" =
RIG FUEL USED LAST 24 HRS 1,097 GALS, REC'D 0 GALS TOTAL 7,842 GALS, TOTAL USED 10,036 GAL.
WATER WELL BBLs USED 872 BBLs, TOTAL USED 3,924 BBLs, BRINE 89 BBL USED, 1,092 BBL ON HAND,

WELL:	UNIVERSITY 12-17 #1H	MD (ft):	2,568	TVD (ft):	2,568	DOL:	16	DSS:	8
FIELD:	SOUTH MIDLAND	PROGRESS (ft):	238			FOREMAN:	CHARLES HENSLEY		
STATE:	TX REAGAN	HRS DRLG:	9.50			AFE #:	110DC114542	API #:	423833759
REGION:	MID-CON REGION	24Hr ROP (ft/hr):	54.86	DRLG AFE:	\$4,517,200	AFE Total:	\$9,639,700	CASING (in):	13.375
RIG CONTR:	PATTERSON 240	SPUD DATE:	02/20/2012	RLS DATE:		DAILY	\$40,499	PLAN TD (ft):	14,770
RIG NBR:	PATTERSON 240					DRLG:			
PH NBR:	713-405-1343	SPUD TIME:	06:30	RLS TIME:		DRLG TOT:	\$1,138,616	SHOE TD (ft):	983
24 Hrs SUMMARY:	DRILL SURVEY DRILL								
CURRENT ACTIVITY:	DRILLING @ 2,568								
FORECAST:	CONT. DRILLING 12-1/4" HOLE TO 4,300' +/-								

BHA # : 03					Trip:		3	2	MUD PROPERTIES				
Qty	Description	O.D. (in)	I.D. (in)	Length (ft)	Bit:		3	2	Time:	03:43	Solids:	8.3	
1	BIT	12.250		1.50	Model:	U616M		DSH616D	Comp:	VENTURE MUD			
1	BIT SUB	7.875	2.313	4.01	S/N:	M12840		131172	Depth (ft):	2,376	Oil:		
1	SHOCK SUB	9.063	2.875	13.21	MFG:	ULTERRA		REED	Water:	92	10 sec Gel (lb/100ft³):	0	
1	STABILIZER	8.062	2.875	8.03	Size (in):	12.250		12.250	MW (lb/gal):	9.7	10 min Gel (lb/100ft³):	0	
2	DRILL COLLAR	8.063	2.312	60.41	IADC:				VISC (s/qt):	29	30 min Gel (lb/100ft³):		
1	STABILIZER	8.875	2.562	7.50	IN (ft):	2376.00			PV (cP):	1	CA:	2080	
11	DRILL COLLAR	8.250	2.312	337.42	OUT (ft):	0.00		2376.00	YP (lb/100ft³):	0	Pm:	0.1	
1	STABILIZER	8.875	2.562	6.75	Length (ft):	192.00		1393.00	pH:	9.0	Pf:	0.1	
18	HEAVY WT. DRILL PIPE	5.000	3.000	557.26	Hours:	4		38	Chl:	120000	Ex Lime (lb/bbl):		
					ROP (ft/hr):	54.86		37.15	WL:		Elec Stab:		
					TFA (1/32in²):	0.0281		0.0282	HTHP:		MBT:		
					WOB (lbs):	35.00		25.00	FC (1/32"):		ECD (lb/gal):		
					P/U Wt:	160		160	Mud Used				
					S/O Wt:	158		158	Mud Additive		Used		
					RPM:	0		74	ENGINEERING		1		
					ROT Wt:	159		159	TRANSPORTATION		1		
					Torque (ft lbf):	6000.00		6000.00					
					DRAG:								
					I:								
					O:								
					D:								
					L:								
					B:								
					G:								
					O:								
					R:								

MUD Logging	
Depth (ft):	Max Gas:
BGG:	Trip Gas:
CG:	Mud Cut:

MUD VOLUMES	
DP (bbl):	Reserve Pits (bbl):
Anulus (bbl):	Active Pits (bbl):
	LOST (bbl):

Buoyed Weight (lbs): 83238 Total Length (ft): 996.09

MUD Logging	
Depth (ft):	Max Gas:
BGG:	Trip Gas:
CG:	Mud Cut:

MUD VOLUMES	
DP (bbl):	Reserve Pits (bbl):
Anulus (bbl):	Active Pits (bbl):
	LOST (bbl):

SURVEYS				KB Elev (ft):	2,806	GL Elev (ft):	2,778
MD (ft)	Angle	Azim	TVD (ft)	V. Sect. (ft)	+N/-S	+E/-W	D.L.
2,456	0.58	0.00	2,456	-9.72	24.88	0.00	0.02

FROM	TO	HRS	PH CD	OP CD	Activity Last 24 Hours
06:00	09:30	3.50	DRILL	DR	DRILL F/ 2330' TO 2,343' (13' FT. @ 3.7' FT/HR) WOB 15 to 25 45 ROT. TORQUE 3 TO 6K 550 to 700 GPM PSI 1,620, 1850 50% RED BED 40% ANHY. 10% SALT GAIN LOSS SET @ + OR - 5 BBL. FLOW SET @ + OR - 5 (SPP SET 100 +/- . MOTOR RPM 74.
09:30	10:00	0.50	DRILL	SR	SERVICE RIG AND GREASE TOP DRIVE .AND BLOCK AND CROWN.
10:00	12:30	2.50	DRILL	DR	DRILL F/ 2343' TO 2,376' (33' FT. @ 13.2' FT/HR) WOB 15 to 27 60TO 70 ROT. TORQUE 4 TO 7K 550 to 700 GPM PSI 1,620, 1850 50% RED BED 40% ANHY. 10% SALT GAIN LOSS SET @ + OR - 5 BBL. FLOW SET @ + OR - 5 (SPP SET 100 +/- . MOTOR RPM 65 TO 76. ROP DROP OFF @ 600 GPM W/ 15 K MOTOR STALL OUT , PICK UP OFF
12:30	13:30	1.00	DRILL	CI	CIRCULATE PRIOR TO POOH , FILL TRIP TANK AND LINE UP TO FILL HOLE .
13:30	16:30	3.00	DRILL	TE	PULL OUT OF HOLE F/ 2376 TO 1023' PULL ROTATING HEAD OUT MONITOR WELL ON TRIP TANK CAL DISPLACEMENT 4.3 ACTIVE 4.5 PER 5 STD
16:30	18:00	1.50	DRILL	TR	PULL OUT OF HOLE W/ BHA#2 F/ 1023 TO SURFACE AND CHECK IBS, & MONITOR WELL ON TRIP TANK.

24.00 = Total Hours Today

GENERAL COMMENTS :

DRILL STRING IN HOLE :BHA=1023.28
 5" DP IN HOLE=51 JTS. 1,603.58
 RIG TUBULARS: 510 JTS 5" DP,6 - 5" HWDP,6 - 8" DC,9 - 6.5" DC
 RENT TUBULARS: 9-8" DC,12-5" HWDP
 CSG ON LOC: 3 JTS 13 3/8" =
 RIG FUEL USED LAST 24 HRS 941 GALS, RECV'D 0 GALS TOTAL 6,901 GALS, TOTAL USED 10,977 GAL.
 WATER WELL BBLs USED 903 BBLs, TOTAL USED 4,827 BBLs, BRINE 90 BBL USED, 1,000 BBL ON HAND,

HYDRAULICS			
Std. Pipe (psi):	1800	Total GPM (Gals/min):	670
		Total SPM:	160
AV(DP) (ft/min):	131.3	AV(DC) (ft/min):	190.7
Jet Vel (ft/s):	238.32	PSI Drop (psi):	492.687
Bit HP (HP):	192.67	HP/in2 (HP/in²):	1.63
PUMP#1		PUMP#2	PUMP#3
#Cyl:	3	3	
S.L. (in):	12.000	12.000	
Liner Id (in):	6.000	6.000	
SPM:	80	80	
Rod Dia (in):	12.000	12.000	
Eff %:	95	95	
GPM (Gals/min):	335	335	
SLOW PUMP RATES			
Depth (ft):			
SPM:			
PRSR (psi):			
Safety			Pressure
Test	Date		
BOP:			
CSG:	02/25/2012		188
Test MW:			
Test TVD (ft):			
Test Prsr (psi):			
LOT/FIT:			
BOP Drill:			
Fire Drill:			
Evac Drill:			
Safety Meeting:	02/28/2012 05:30		
Spills Reported (Y/N):	N		
Accidents(S)(Y/N):	N		

FROM	TO	HRS	PH CD	OP CD	Activity Last 24 Hours
18:00	20:00	2.00	DRILL	TR	BREAK OOUT BIT AND MUD MOTOR, AND L/O SAME, MONITOR WELL ON TRIP TANK
20:00	01:30	5.50	DRILL	TR	P/U NEW 12.25 BIT AND BIT SUB AND TIH TO 2,300'
01:30	02:00	0.50	DRILL	WA	BREAK CIRC. AND WASH AND REAM F/2,300' TO 2,376' 5' FILL.
02:00	04:30	2.50	DRILL	DR	DRILL F/ 2,376' TO 2,505' (129' FT. @43 ' FT/HR) WOB 15 to 30, 70 ROT. TORQUE 5 TO 10 K 670 to 750 GPM PSI 1,700 50% RED BED 40% ANHY. 10% SALT GAIN LOSS SET @ + OR - 5 BBL, FLOW SET @ + OR - 5 (SPP SET 100 +/-.
04:30	05:00	0.50	DRILL	SU	WIRE LINE SURVEY @ 2,456 .58°
05:00	06:00	1.00	DRILL	DR	DRILL F/ 2,505' TO 2,568' (63' FT. @63 ' FT/HR) WOB 30 to 45, 110 ROT. TORQUE 3 TO 6K 670 to 750 GPM PSI 1,770, 1850 50% RED BED 40% ANHY. 10% SALT GAIN LOSS SET @ + OR - 5 BBL, FLOW SET @ + OR - 5 (SPP SET 100 +/-.
24.00 = Total Hours Today					

WELL:	UNIVERSITY 12-17 #1H	MD (ft):	3,731	TVD (ft):	3,731	DOL:	17	DSS:	9
FIELD:	SOUTH MIDLAND	PROGRESS (ft):	1,163			FOREMAN:	ROBERT JOHNSON		
STATE:	TX REAGAN	HRS DRLG:	22.50			AFE #:	110DC114542	API #:	4238337579
REGION:	MID-CON REGION	24Hr ROP (ft/hr):	51.69	DRLG AFE:	\$4,517,200	AFE Total:	\$9,639,700	CASING (in):	13.375
RIG CONTR:	PATTERSON 240	SPUD DATE:	02/20/2012	RLS DATE:		DAILY DRLG:	\$63,559	PLAN TD (ft):	14,770
RIG NBR:	PATTERSON 240					DRLG TOT:	\$1,198,675	SHOE TD (ft):	983
PH NBR:	713-405-1343	SPUD TIME:	06:30	RLS TIME:					

24 Hrs SUMMARY:	DRILL,R/S,DRILL,SUR.,DRILL
CURRENT ACTIVITY:	DRILLING @ 3731'
FORECAST:	CONT. DRILLING 12-1/4" HOLE TO 4,300' +/-

BHA # : 03					Trip: 3		MUD PROPERTIES			
Qty	Description	O.D. (in)	I.D. (in)	Length (ft)	Bit:	3	Time:	00:30	Solids:	3.8
1	BIT	12.250		1.50	Model:	U616M	Comp:	VENTURE		
1	BIT SUB	7.875	2.313	4.01	S/N:	M12840	Depth (ft):	3,551	Oil:	
1	SHOCK SUB	9.063	2.875	13.21	MFG:	ULTERRA	Water:		10 sec Gel (lb/100ft³):	0
1	STABILIZER	8.062	2.875	8.03	Size (in):	12.250	MW (lb/gal):	9.8	10 min Gel (lb/100ft³):	0
2	DRILL COLLAR	8.063	2.312	60.41	IADC:		VISC (s/qt):	29	30 min Gel (lb/100ft³):	0
1	STABILIZER	8.875	2.562	7.50	IN (ft):		PV (cP):	1	CA:	1920
11	DRILL COLLAR	8.250	2.312	337.42	OUT (ft):	0.00	YP (lb/100ft³):	0	Pm:	0.1
1	STABILIZER	8.875	2.562	6.75	Length (ft):	1355.00	pH:	9.0	Pf:	0.1
18	HEAVY WT. DRILL PIPE	5.000	3.000	557.26	Hours:	26	Chl:	108000	Ex Lime (lb/bbl):	
					ROP (ft/hr):	52.12	WL:		Elec Stab:	
					TFA (1/32in³):	0.0281	HTHP:		MBT:	
					WOB (lbs):	35.00	FC (1/32"):		ECD (lb/gal):	
					P/U Wt:	201	Mud Used			
					S/O Wt:	180	Mud Additive		Used	
					RPM:	0	ENGINEERING		1	
					ROT Wt:	189	FRESHWATER GEL		55	
					Torque (ft lbf):	7000.00	LIME		3	
					DRAG:		MF-55		1	
					I:		SODA ASH		2	
					O:					
					D:					
					L:					
					B:					
					G:					
					O:					
					R:					
Buoyed Weight (lbs): 83089 Total Length (ft): 996.09										
MUD Logging										
Depth (ft):		Max Gas:								
BGG:		Trip Gas:								
CG:		Mud Cut:								
MUD VOLUMES										
DP (bbl):		56.00	Reserve Pits (bbl):		500					
Anulus (bbl):		423.00	Active Pits (bbl):		753					
		LOST (bbl):								

Buoyed Weight (lbs): 83089 Total Length (ft): 996.09

MUD Logging	
Depth (ft):	Max Gas:
BGG:	Trip Gas:
CG:	Mud Cut:

MUD VOLUMES			
DP (bbl):	56.00	Reserve Pits (bbl):	500
Anulus (bbl):	423.00	Active Pits (bbl):	753
		LOST (bbl):	

SURVEYS							KB Elev (ft):	2,806	GL Elev (ft):	2,778
MD (ft)	Angle	Azim	TVD (ft)	V. Sect. (ft)	+N-S	+E-W	D.L.			
3,400	1.52		0							
2,927	1.34		0							
2,456	0.58		0							

FROM	TO	HRS	PH CD	OP CD	Activity Last 24 Hours
06:00	08:30	2.50	DRILL	DR	DRILL 2568' - 2788', 220', 88'/HR, WOB 35-40, SPM 160, GPM 670, PSI 1825, RPM 110, TQ 6-10, MW 9.6, PUMP SWEEP EVERY CONN
08:30	09:00	0.50	DRILL	SR	RIG SERVICE CHANGE DIES IN DP SLIPS
09:00	12:00	3.00	DRILL	DR	DRILL 2788' - 2976', 188', 62.6'/HR, WOB 40, SPM 160, GPM 670, PSI 1865, RPM 110, TQ 7-10, MW 9.6, PUMP SWEEP EVERY CONN
12:00	12:30	0.50	DRILL	SU	W/L SURVEY @ 2927' 1.34 DEG.
12:30	15:00	2.50	DRILL	DR	DRILL 2976' - 3180', 204', 81.6'/HR, WOB 35, SPM 160, GPM 670, PSI 1865, RPM 110, TQ 7-10, MW 9.5, PUMP SWEEP EVERY CONN, 85% SAND, 5% SHALE, 10% ANHYDRITE
15:00	20:00	5.00	DRILL	DR	DRILL 3180' TO 3448', 268 FT 53.6FT / HR, 35K WOB, SPM 160, 670 GPM, PP 1925 RPM 110, TQ 7/8 MW 9.8 / 27 VIS PUMP SWEEP EVERY CONN. 3470' HAD 70% LIMESTONE, 30% SAND, ALARMS SET
20:00	20:30	0.50	DRILL	SU	DEVIATION SURVEY @ 3400' 1.52°
20:30	06:00	9.50	DRILL	DR	DRILL 3448' TO 3731', 283', 29.7 FT / HR, 35 - 37K WOB, SPM 160, 670 GPM, PP 1950 RPM 110, TQ 7/8 MW 9.8 / 27 VIS PUMP SWEEP EVERY CONN. 3470' HAD 70% LIMESTONE, 30% SAND, @ 3600' 100% LIMESTONE, ALARMS SET FLOW 2-5, PVT 10+/-

24.00 = Total Hours Today

HYDRAULICS			
Std. Pipe (psi):	1950	Total GPM (Gals/min):	670
		Total SPM:	160
AV(DP) (ft/min):	131.3	AV(DC) (ft/min):	
Jet Vel (ft/s):	238.32	PSI Drop (psi):	497.766
Bit HP (HP):	194.65	HP/in2 (HP/in²):	1.65
	PUMP#1	PUMP#2	PUMP#3
#Cyl:	3	3	
S.L. (in):	12.000	12.000	
Liner Id (in):	6.000	6.000	
SPM:	80	80	
Rod Dia (in):	12.000	12.000	
Eff %:	95	95	
GPM (Gals/min):	335	335	

SLOW PUMP RATES			
Depth (ft):			
SPM:	50	50	
PRSR (psi):	250	245	

Safety		
Test	Date	Pressure
BOP:		
CSG:	02/24/2012	
Test MW:		
Test TVD (ft):		
Test Prsr (psi):		
LOT/FIT:		
BOP Drill:		02/29/2012
Fire Drill:		
Evac Drill:		
Safety Meeting:		02/29/2012 05:30
Spills Reported (Y/N):		N
Accidents(S)(Y/N):		N

GENERAL COMMENTS :
 DRILL STRING IN HOLE : BHA=996.09', 5" DP = 29 STDS 2735.54 = 3731.63'
 RIG TUBULARS: 510 JTS 5" DP, 6 - 5" HWDP, 6 - 8" DC, 9 - 6.5" DC
 RENT TUBULARS: 9-8" DC, 12-5" HWDP
 CSG ON LOC: 3 JTS 13 3/8" , 9 5/8" =
 RIG FUEL USED LAST 24 HRS 1412 GALS, RECV'D 0 GALS TOTAL 5489 GALS, TOTAL USED 12,327 GAL.
 WATER WELL BBLs USED 903 BBLs, TOTAL USED 4,827 BBLs, BRINE 90 BBL USED, 1,000 BBL ON HAND,

WELL:	UNIVERSITY 12-17 #1H	MD (ft):	4,055	TVD (ft):	4,055	DOL:	18	DSS:	10
FIELD:	SOUTH MIDLAND	PROGRESS (ft):	324			FOREMAN:	ROBERT JOHNSON		
STATE:	TX REAGAN	HRS DRLG:	5.50			AFE #:	110DC114542	API #:	4238337579
REGION:	MID-CON REGION	24Hr ROP (ft/hr):	69.50	DRLG AFE:	\$4,517,200	AFE Total:	\$9,639,700	CASING (in):	13.375
RIG CONTR:	PATTERSON 240	SPUD DATE:	02/20/2012	RLS DATE:		DAILY	\$77,745	PLAN TD (ft):	14,770
RIG NBR:	PATTERSON 240					DRLG:			
PH NBR:	713-405-1343	SPUD TIME:	06:30	RLS TIME:		DRLG TOT:	\$1,276,424	SHOE TD (ft):	983

24 Hrs SUMMARY:	DRILLING W/L SURVEY WIRE BROKE, POOH RETRIEVE W/L, C/O BIT, TIH, CIRC, SUR., C/O O-RING STAND PIPE, DRILLING
CURRENT ACTIVITY:	DRILLING @ 4055'
FORECAST:	POOH RETRIEVE W/L SURVEY, TIH, CONT. DRILLING 12-1/4" HOLE TO 4,285' +/-

BHA # : 04					Trip:		4		3		MUD PROPERTIES	
Qty	Description	O.D. (in)	I.D. (in)	Length (ft)	Bit:		4	3			Time:	01:00 Solids:
1	BIT	12.250		1.50	Model:	D616DX		U616M			Comp:	VENTURE
1	BIT SUB	7.875	2.313	4.01	S/N:	D3624		M12840			Depth (ft):	3,916 Oil:
1	SHOCK SUB	9.063	2.875	13.21	MFG:	DB		ULTERRA			Water:	10 sec Gel (lb/100ft³):
1	STABILIZER	8.062	2.875	8.03	Size (in):		12.250	12.250			MW (lb/gal):	9.7 10 min Gel (lb/100ft³):
2	DRILL COLLAR	8.063	2.312	60.41	IADC:						VISC (s/qt):	29 30 min Gel (lb/100ft³):
1	STABILIZER	8.875	2.562	7.50	IN (ft):		3916.00				PV (cP):	1 CA:
11	DRILL COLLAR	8.250	2.312	337.42	OUT:			3916.00			YP (lb/100ft³):	0 Pm:
1	STABILIZER	8.875	2.562	6.75	Length (ft):		139.00	1540.00			pH:	
18	HEAVY WT. DRILL PIPE	5.000	3.000	557.26	Hours:		2	30			Chl:	104000 Ex Lime (lb/bbl):
					ROP (ft/hr):		69.50	52.20			WL:	Elec Stab:
					TFA (1/32in²):		0.0261	0.0281			HTHP:	MBT:
					WOB (lbs):		20.00	35.00			FC (1/32"):	ECD (lb/gal):
					P/U Wt:		195	195			Mud Used	
					S/O Wt:		180	180			Mud Additive	
					RPM:		0	0			ENGINEERING	Used
					ROT Wt:		186	186			TRANSPORTATION	1
					Torque (ft lbf):		9.10	9.10				1
					DRAG:							
					I:			3				
					O:			3				
					D:			BT				
					L:			N				
					B:							
					G:			I				
					O:			CT				
					R:			BHA				

Buoyed Weight (lbs): 83238 Total Length (ft): 996.09

MUD Logging	
Depth (ft):	Max Gas:
BGG:	Trip Gas:
CG:	Mud Cut:

MUD VOLUMES	
DP (bbl):	Reserve Pits (bbl):
Anulus (bbl):	Active Pits (bbl):
	LOST (bbl):

SURVEYS							KB Elev (ft):	2,806	GL Elev (ft):	2,778
MD (ft)	Angle	Azim	TVD (ft)	V. Sect. (ft)	+N/-S	+E/-W	D.L.			
3,868	0.25		0							

FROM	TO	HRS	PH CD	OP CD	Activity Last 24 Hours
06:00	09:30	3.50	DRILL	DR	DRILL 3731' TO 3916', 185', 52.8' / HR, 35 - 37K WOB, SPM 160, 670 GPM, PP 1950 RPM 110, TQ 7/8 MW 9.7 / 27 VIS PUMP SWEEP EVERY CONN., ALARMS SET FLOW 2-5, PVT 10 +/-
09:30	10:00	0.50	DRILL	SU	STARTED RUNNING W/L SURVEY RIH APPR. 40' WIRE LINE BROKE AT TOP SHEAVE, TOOL & 125' +/- WIRE FELL DOWN DRILL PIPE & BHA
10:00	12:00	2.00	DRILL	TR	FILL TRIP TANK, POOH 3916' T/1600'
12:00	13:00	1.00	DRILL	TR	REMOVE ROT' HEAD INSTALL TRIP NIPPLE
13:00	15:30	2.50	DRILL	TR	POOH 1600' T/ 155' WORKING BHA
15:30	16:00	0.50	DRILL	OT	PULL WIRE LINE & SURVEY TOOL FROM BHA, NO SURVEY DATA
16:00	21:30	5.50	DRILL	TR	CONTINUE TOH, CACL FILL 50.2, ACTUAL 110, INSPECT BIT, & CHANGE SAME, M-UP 12 1/4" DB BIT & RIH TO 960'
21:30	22:00	0.50	DRILL	SR	IUBRICATE RIG
22:00	01:00	3.00	DRILL	TR	CONTINUE TIH, INSTAL ROTATING HEAD WASH & REAM TO TD, 3916'
01:00	02:00	1.00	DRILL	CI	CIRCULATE B-UP BEFORE RUNNING WIRELINE SURVEY
02:00	03:30	1.50	DRILL	SU	RUN INCLINATION SURVEY @ 3868', .25°

24.00 = Total Hours Today

GENERAL COMMENTS :	
DRILL STRING IN HOLE : BHA=996.09', 5" DP = 32 STDS 3018.57, SINGLE DP 31.45', KD 9'	
RIG TUBULARS: 510 JTS 5" DP, 6 - 5" HWDP, 6 - 8" DC, 9 - 6.5" DC	
RENT TUBULARS: 9-8" DC, 12-5" HWDP	
CSG ON LOC: 3 JTS 13 3/8", 9 5/8" = 102 JTS	
RIG FUEL USED LAST 24 HRS 1154 GALS, REC'D 6800 GALS TOTAL 11135 GALS, TOTAL USED 13481 GAL.	
WATER WELL BBLs USED 903 BBLs, TOTAL USED 4,827 BBLs, BRINE 90 BBL USED, 1,000 BBL ON HAND,	

HYDRAULICS			
Std. Pipe (psi):	2150	Total GPM (Gals/min):	670
		Total SPM:	160
AV(DP) (ft/min):	131.3	AV(DC) (ft/min):	190.7
Jet Vel (ft/s):	257.36	PSI Drop (psi):	574.553
Bit HP (HP):	224.68	HP/in2 (HP/in²):	1.91
PUMP#1		PUMP#2	PUMP#3
#Cyl:	3	3	
S.L. (in):	12.000	12.000	
Liner Id (in):	6.000	6.000	
SPM:	80	80	
Rod Dia (in):	12.000	12.000	
Eff %:	95	95	
GPM (Gals/min):	335	335	
SLOW PUMP RATES			
Depth (ft):			
SPM:	30	30	
PRSR (psi):	120	115	
Safety			Pressure
Test	Date		
BOP:			
CSG:	02/24/2012		188
Test MW:			
Test TVD (ft):			
Test Prsr (psi):			
LOT/FIT:			
BOP Drill:	02/29/2012		
Fire Drill:			
Evac Drill:			
Safety Meeting:	03/01/2012 05:30		
Spills Reported (Y/N):	N		
Accidents(S)(Y/N):	N		

FROM	TO	HRS	PH CD	OP CD	Activity Last 24 Hours
03:30	04:00	0.50	DRILL	FD	REPAIR LEAK ON STANDPIPE, 5" UNION LEAKING, BREAK UNION RAISE STANDPIPE, FOUND ORING CUT, REPLACE SAME, REASSEMBLE STANDPIPE.
04:00	06:00	2.00	DRILL	DR	DRILL 39'16" TO 40'55", 139', 69.5' / HR, 10-25K WOB, SPM 160, 670 GPM, PP 2150 RPM 110, TQ 7/10 MW 9.7 / 29 VIS PUMP SWEEP EVERY CONN.,ALARMS SET FLOW 2-5,PVT 10+/-
24.00 = Total Hours Today					

WELL:	UNIVERSITY 12-17 #1H	MD (ft):	4,285	TVD (ft):	4,285	DOL:	19	DSS:	11
FIELD:	SOUTH MIDLAND	PROGRESS (ft):	230			FOREMAN:	ROBERT JOHNSON		
STATE:	TX REAGAN	HRS DRLG:	3.00			AFE #:	110DC114542	API #:	4238337579
REGION:	MID-CON REGION	24Hr ROP (ft/hr):	76.67	DRLG AFE:	\$4,517,200	AFE Total:	\$9,639,700	CASING (in):	13.375
RIG CONTR:	PATTERSON 240	SPUD DATE:	02/20/2012	RLS DATE:		DAILY	\$60,070	PLAN TD (ft):	14,770
RIG NBR:	PATTERSON 240					DRLG:			
PH NBR:	713-405-1343	SPUD TIME:	12:30	RLS TIME:		DRLG TOT:	\$1,336,494	SHOE TD (ft):	983
24 Hrs SUMMARY:	DRILL,CIRC,SUR.,WIPER TRIP,CIRC,POOH L/D BHA,R/U E-LINE								
CURRENT ACTIVITY:	R/U E-LINE								
FORECAST:	RUN E-LINE LOGS,R/U RUN CSG,CIRC,CMT								

BHA # : 04					Trip:		4		MUD PROPERTIES	
Qty	Description	O.D. (in)	I.D. (in)	Length (ft)	Bit:				Time:	02:00 Solids:
1	BIT	12.250		1.50	Model:	D616DX	4		Comp:	VENTURE
1	BIT SUB	7.875	2.313	4.01	S/N:	D3624			Depth (ft):	4,285 Oil:
1	SHOCK SUB	9.063	2.875	13.21	MFG:	DB			Water:	10 sec Gel (lb/100ft³):
1	STABILIZER	8.062	2.875	8.03	Size (in):	12.250			MW (lb/gal):	10.2 10 min Gel (lb/100ft³):
2	DRILL COLLAR	8.063	2.312	60.41	IADC:				VISC (s/qt):	29 30 min Gel (lb/100ft³):
1	STABILIZER	8.875	2.562	7.50	IN (ft):				PV (cP):	1 CA:
11	DRILL COLLAR	8.250	2.312	337.42	OUT (ft):	4285.00			YP (lb/100ft³):	0 Pm:
1	STABILIZER	8.875	2.562	6.75	Length (ft):	369.00			pH:	
18	HEAVY WT. DRILL PIPE	5.000	3.000	557.26	Hours:	5			Chl:	125000 Ex Lime (lb/bbl):
Buoyed Weight (lbs): 82493 Total Length (ft): 996.09					ROP (ft/hr):	73.80			WL:	Elec Stab:
					TFA (1/32in²):	0.0261			HTHP:	MBT:
					WOB (lbs):	25.00			FC (1/32"): ECD (lb/gal):	
					P/U Wt:				Mud Used	
					S/O Wt:				Mud Additive	
					RPM:	0			Used	
					ROT Wt:				CEDAR FIBER	11
					Torque (ft lbf):				ENGINEERING	1
					DRAG:				FRESHWATER GEL	101
					I:	0				
					O:	0				
					D:	NO				
					L:	C				
					B:					
					G:	I				
					O:	NO				
					R:	TD				

SURVEYS					KB Elev (ft):	2,806	GL Elev (ft):	2,778	HYDRAULICS			
MD (ft)	Angle	Azim	TVD (ft)	V. Sect. (ft)	+N-S	+E-W	D.L.	Std. Pipe (psi):	2150	Total GPM (Gals/min):	670	
								Total SPM:		160		
								AV(DP) (ft/min):	131.3	AV(DC) (ft/min):	190.7	
								Jet Vel (ft/s):	257.36	PSI Drop (psi):	604.169	
								Bit HP (HP):	236.26	HP/in2 (HP/in²):	2.00	
								PUMP#1		PUMP#2	PUMP#3	
#Cyl:		3							3			
S.L. (in):		12.000							12.000			
Liner Id (in):		6.000							6.000			
SPM:		80							80			
Rod Dia (in):		12.000							12.000			
Eff %:		95							95			
GPM (Gals/min):		335							335			
SLOW PUMP RATES												
Depth (ft):												
SPM:		30							30			
PRSR (psi):		120							115			
Safety												
Test	Date		Pressure									
BOP:												
CSG:	02/24/2012		188									
Test MW:												
Test TVD (ft):												
Test Prsr (psi):												
LOT/FIT:												
BOP Drill:			02/29/2012									
Fire Drill:												
Evac Drill:												
Safety Meeting:			03/02/2012 05:30									
Spills Reported (Y/N):			N									
Accidents(S)(Y/N):			N									

FROM	TO	HRS	PH CD	OP CD	Activity Last 24 Hours
06:00	09:00	3.00	DRILL	DR	DRILL 4055' TO 4285',230',76.6' / HR, 20-25K WOB, SPM 160, 670 GPM,PP 2150 RPM 110, TQ 7/10 MW 9.8 / 29 VIS PUMP SWEEP EVERY CONN.,ALARMS SET FLOW 2-5,PVT 10+/-
09:00	12:00	3.00	DRILL	CI	PUMP 50 BBL HI VIS LCM SWEEP CIRC OUT CUTTINGS INCREASED BY 50%,PUMP 50 BBL HI VIS LCM SWEEP CIRC OUT CUTTING INCREASED 10-20%
12:00	13:00	1.00	DRILL	SU	RUN W/L SURVEY @ 4268' .98°
13:00	15:00	2.00	DRILL	TR	WIPER TRIP POOH TO SHOE 983'
15:00	16:00	1.00	DRILL	SR	RIG SERVICE,PERFORMED DROPPED OBJECT INSPECTION ON T-DRIVE & DERRICK,CHECKED BOLTS ON DIE BLOCKS NO ISSUES FOUND
16:00	18:00	2.00	DRILL	TR	TIH WASH 82' TO BOTTOM
18:00	20:00	2.00	DRILL	CI	PUMP 50 BBL HIGH VIS LCM SWEEP AND CIRCULATE OUT SAME. SHAKERS CLEANED UP, PUMP SLUG
20:00	23:00	3.00	DRILL	TR	TOH WITH BIT, PULL ROTATING HEAD, NO EXCESS DRAG ON TRIP
23:00	04:00	5.00	DRILL	TR	LAY DOWN 8" DRIL COLLARS, STABS, SHOCK SUB, BIT SUB, & BIT
24.00 = Total Hours Today					

GENERAL COMMENTS :

DRILL STRING IN HOLE :BHA=996.09',5" DP = 34 STDS 3207.19,DOUBLE DP 63.05',KD 19'
RIG TUBULARS: 510 JTS 5" DP,6 - 5" HWDP,6 - 8" DC,9 - 6.5" DC
RENT TUBULARS: 9-8" DC,12-5" HWDP
CSG ON LOC: 3 JTS 13 3/8", 9 5/8" = 102 JTS
RIG FUEL USED LAST 24 HRS 1255 GALS, REC'D 0 GALS TOTAL 9880 GALS, TOTAL USED 14736 GAL.
WATER WELL BBLS USED 2029 BBLS, TOTAL USED 6856 BBLS, BRINE 90 BBL USED, 1,000 BBL ON HAND,

FROM	TO	HRS	PH CD	OP CD	Activity Last 24 Hours
04:00	06:00	2.00	DRILL	LO	RIG UP SCHLUMBERGER WIRE LINE & RUN QUAD COMBO DIE POLE LOG
24.00 = Total Hours Today					

WELL:	UNIVERSITY 12-17 #1H	MD (ft):	4,285	TVD (ft):	4,285	DOL:	20	DSS:	12
FIELD:	SOUTH MIDLAND	PROGRESS (ft):				FOREMAN:	ROBERT JOHNSON		
STATE:	TX REAGAN	HRS DRLG:				AFE #:	110DC114542	API #:	4238337579
REGION:	MID-CON REGION	24Hr ROP (ft/hr):		DRLG AFE:	\$4,517,200	AFE Total:	\$9,639,700	CASING (in):	9.625
RIG CONTR:	PATTERSON 240	SPUD DATE:	02/20/2012	RLS DATE:		DAILY	\$270,330	PLAN TD (ft):	14,770
RIG NBR:	PATTERSON 240					DRLG:			
PH NBR:	713-405-1343	SPUD TIME:	12:30	RLS TIME:		DRLG TOT:	\$1,612,388	SHOE TD (ft):	4,284

24 Hrs SUMMARY:	LOGGING,R/U RUN CSG,CIRC,CEMENT
CURRENT ACTIVITY:	DISPLACING CEMENT W/BRINE WATER
FORECAST:	FINISH CEMENTING,WOC,N/D RISER,SET SLIPS,CUT OFF CSG,N/U WELL HEAD

BHA # :					Trip:		MUD PROPERTIES	
Qty	Description	O.D. (in)	I.D. (in)	Length (ft)	Bit:		Time:	00:30 Solids:
					Model:		Comp:	VENTURE
					S/N:		Depth (ft):	4,285 Oil:
					MFG:		Water:	10 sec Gel (lb/100ft³):
					Size (in):		MW (lb/gal):	10.0 10 min Gel (lb/100ft³):
					IADC:		VISC (s/qt):	29 30 min Gel (lb/100ft³):
					IN (ft):		PV (cP):	1 CA:
					OUT:		YP (lb/100ft³):	0 Pm:
					Length (ft):		pH:	
					Hours:		Chl:	124000 Ex Lime (lb/bbl):
					ROP (ft/hr):		WL:	Elec Stab:
					TFA (1/32in²):		HTHP:	MBT:
					WOB (lbs):		FC (1/32"):	ECD (lb/gal):
					P/U Wt:			
					S/O Wt:			
					RPM:			
					ROT Wt:			
					Torque (ft lbf):			
					DRAG:			
					I:			
					O:			
					D:			
					L:			
					B:			
					G:			
					O:			
					R:			

Buoyed Weight (lbs): Total Length (ft):

MUD Logging	
Depth (ft):	Max Gas:
BGG:	Trip Gas:
CG:	Mud Cut:

MUD VOLUMES	
DP (bbl):	Reserve Pits (bbl):
Anulus (bbl):	Active Pits (bbl):
	LOST (bbl):

SURVEYS				KB Elev (ft):	2,806	GL Elev (ft):	2,778
MD (ft)	Angle	Azim	TVD (ft)	V. Sect. (ft)	+N/-S	+E/-W	D.L.

FROM	TO	HRS	PH CD	OP CD	Activity Last 24 Hours
06:00	13:30	7.50	DRILL	LO	(CONTACTED RRC 9 5/8 CSG RUN & CMT, JOB # 1311,SPOKE W/MIRIAN) RIH W/TRIPLE COMBO & DIE POLE LOGS E-LINE MEASUREMENT 4291' LOG OPEN HOLE & BACK TO SURFACE
13:30	16:00	2.50	DRILL	RC	HELD PJSM WITH PATTERSON,BYRDS,PETROHAWK,R/U CSG EQUIP.
16:00	01:30	9.50	DRILL	RC	M/U 2 JT SHOE TRACK CHECK FLOATS FLOW THRU SAME. RAN TOTAL OF 4290.68' 9.625" 40# J-55 BTC CASING. TAGGED FILL @ 4275'.
01:30	03:30	2.00	DRILL	CI	BREAK CIRC@ 4275' WASH FILL TO 4285' TD. P/U 1' TO 4284' CIRC OUT.
03:30	06:00	2.50	DRILL	CM	HELD PJSM,HALLIBURTON PUMP 10 BBLS WATER,TEST LINES 4000 PSI,PUMP 6 BBLS SUPER FLUSH,10 BBLS WATER,MIX/PUMP LEAD CMT 1200 SKS ECONOCETM TM @ 11.9 PPG,YIELD 2.36,W/5% POTASSIUM CHLORIDE,.3% ECONOLITE,.2% WG-17,.25 LBM D-AIR 5000,TAIL HALCEM TM 310 SKS @ 14.8 PPG,YIELD 1.46,W/10% POZMIX A,3% POTASSIUM CHLORIDE,DROP TOP PLUG,START DISPLACING CMT

24.00 = Total Hours Today

GENERAL COMMENTS :

DRILL STRING IN HOLE :BHA=996.09',5" DP = 34 STDS 3207.19,DOUBLE DP 63.05',KD 19'
RIG TUBULARS: 510 JTS 5" DP,6 - 5" HWD,6 - 8" DC,9 - 6.5" DC
RENT TUBULARS: 9-8" DC,12-5" HWD
CSG ON LOC: 3 JTS 13 3/8", 9 5/8" = 102 JTS
RIG FUEL USED LAST 24 HRS 627 GALS, RECVD 0 GALS TOTAL 9253 GALS, TOTAL USED 15363 GAL.
WATER WELL BBLS USED 2029 BBLS, TOTAL USED 6856 BBLS, BRINE 90 BBL USED, 1,000 BBL ON HAND,

HYDRAULICS			
Std. Pipe (psi):		Total GPM (Gals/min):	
AV(DP) (ft/min):		Total SPM:	
Jet Vel (ft/s):		AV(DC) (ft/min):	
Bit HP (HP):		PSI Drop (psi):	
		HP/in2 (HP/in ²):	
	PUMP#1	PUMP#2	PUMP#3
#Cyl:			
S.L. (in):			
Liner Id (in):			
SPM:			
Rod Dia (in):			
Eff %:			
GPM (Gals/min):			
SLOW PUMP RATES			
Depth (ft):			
SPM:	30	30	
PRSR (psi):	120	115	
Safety			
Test	Date	Pressure	
BOP:			
CSG:	02/24/2012	188	
Test MW:			
Test TVD (ft):			
Test Prsr (psi):			
LOT/FIT:			
BOP Drill:		02/29/2012	
Fire Drill:			
Evac Drill:			
Safety Meeting:		03/02/2012 05:30	
Spills Reported (Y/N):		N	
Accidents(S)(Y/N):		N	

WELL:	UNIVERSITY 12-17 #1H	MD (ft):	4,285	TVD (ft):	4,285	DOL:	21	DSS:	13
FIELD:	SOUTH MIDLAND	PROGRESS (ft):				FOREMAN:	ROBERT JOHNSON		
STATE:	TX REAGAN	HRS DRLG:				AFE #:	110DC114542	API #:	4238337579
REGION:	MID-CON REGION	24Hr ROP (ft/hr):		DRLG AFE:	\$4,517,200	AFE Total:	\$9,639,700	CASING (in):	9.625
RIG CONTR:	PATTERSON 240	SPUD DATE:	02/20/2012	RLS DATE:		DAILY	\$137,349	PLAN TD (ft):	14,770
RIG NBR:	PATTERSON 240					DRLG:			
PH NBR:	713-405-1343	SPUD TIME:	12:30	RLS TIME:		DRLG TOT:	\$1,749,737	SHOE TD (ft):	4,284
24 Hrs SUMMARY:	FINISH CEMENTING,WOC,N/D RISER,SET SLIPS,L/D CUT JT.,RUN TEMP LOG,L/D RISER,INSTALL W/HEAD,N/U BOPE								
CURRENT ACTIVITY:	N/U BOPE								
FORECAST:	FINISH N/U BOPE & ROT. HEAD,MODIFY FLOW LINE,TEST BOPE								

BHA # :					Trip:		MUD PROPERTIES									
Qty	Description	O.D. (in)	I.D. (in)	Length (ft)	Bit:		Time:	00:30	Solids:	10.4						
					Model:		Comp:	VENTURE								
					S/N:		Depth (ft):	4,285	Oil:							
					MFG:		Water:	10 sec Gel (lb/100ft³):	0							
					Size (in):		MW (lb/gal):	9.9	10 min Gel (lb/100ft³):	0						
					IADC:		VISC (s/qt):	29	30 min Gel (lb/100ft³):	0						
					IN (ft):		PV (cP):	1	CA:	2000						
					OUT:		YP (lb/100ft³):	0	Pm:	0.1						
					Length (ft):		pH:	8.5	Pf:	0.1						
					Hours:		Chl:	112000	Ex Lime (lb/bbl):							
					ROP (ft/hr):		WL:	Elec Stab:								
					TFA (1/32in²):		HTHP:	MBT:								
					WOB (lbs):		FC (1/32"):	ECD (lb/gal):								
					P/U Wt:		<table border="1"> <tr> <th colspan="2">Mud Used</th> </tr> <tr> <th>Mud Additive</th> <th>Used</th> </tr> <tr> <td>ENGINEERING</td> <td>1</td> </tr> </table>				Mud Used		Mud Additive	Used	ENGINEERING	1
Mud Used																
Mud Additive	Used															
ENGINEERING	1															
					S/O Wt:											
					RPM:											
					ROT Wt:											
					Torque (ft lbf):											
					DRAG:											
					I:											
					O:											
					D:											
					L:											
					B:											
					G:											
					O:											
					R:											

Buoyed Weight (lbs): Total Length (ft):

MUD Logging	
Depth (ft):	Max Gas:
BGG:	Trip Gas:
CG:	Mud Cut:

MUD VOLUMES	
DP (bbl):	Reserve Pits (bbl):
Anulus (bbl):	Active Pits (bbl):
	LOST (bbl):

SURVEYS							KB Elev (ft):	2,806	GL Elev (ft):	2,778
MD (ft)	Angle	Azim	TVD (ft)	V. Sect. (ft)	+N/-S	+E/-W	D.L.			

FROM	TO	HRS	PH CD	OP CD	Activity Last 24 Hours
06:00	07:00	1.00	DRILL	CM	FINISH DISPLACING CMT W/9.8 BRINE FLUID,7.9 BPM PSI 330,210 BBL PUMPED,7 BPM 430 PSI,250 BBL PUMPED LOST FULL RETURNS SLOWED T/6 BPM W/ NO RETURNS,FINAL PSI 250 BUMPED PLUG 775 PSI W/318 BBL,CALCULATED 318 BBLs @ 06:40 AM HELD F/5 MIN. BLEED OFF 1 BBL BACK FLOATS HOLDING (WET & DRY SAMPLES ON LOC.)
07:00	11:00	4.00	DRILL	CM	WOC,REMOVE TURN BUCKLES & DISCONNECTED FLOW LINE F/RISER
11:00	15:00	4.00	DRILL	NU	REMOVE CMT HEAD,SCAFFOLDING,N/D RISER,P/U SAME
15:00	16:30	1.50	DRILL	NU	INSTALL CSG SLIPS 205K 20K OVER STRING WT.,MAKE ROUGH CUT L/D CUT JT.
16:30	18:00	1.50	DRILL	LO	R/U VES RUN TEMP LOG TOP CEMENT @ 2050'
18:00	18:30	0.50	DRILL	NU	LAY DOWN RISER
18:30	00:00	5.50	DRILL	NU	SET B SEC, AND DSA AND M/U W/ TORQUE CREW
00:00	06:00	6.00	DRILL	NU	NIPPLE UP BOP, CHOKE / KILL LINE,HYDRAULIC CONTROL LINES

24.00 = Total Hours Today

HYDRAULICS			
Std. Pipe (psi):	Total GPM (Gals/min):		
	Total SPM:		
AV(DP) (ft/min):	AV(DC) (ft/min):		
Jet Vel (ft/s):	PSI Drop (psi):		
Bit HP (HP):	HP/in2 (HP/in²):		
	PUMP#1	PUMP#2	PUMP#3
#Cyl:			
S.L. (in):			
Liner Id (in):			
SPM:			
Rod Dia (in):			
Eff %:			
GPM (Gals/min):			
SLOW PUMP RATES			
Depth (ft):			
SPM:	50	50	
PRSR (psi):	250	245	
Safety			
Test	Date	Pressure	
BOP:			
CSG:	02/24/2012	188	
Test MW:			
Test TVD (ft):			
Test Prsr (psi):			
LOT/FIT:			
BOP Drill:	02/29/2012		
Fire Drill:			
Evac Drill:			
Safety Meeting:	03/04/2012 05:30		
Spills Reported (Y/N):	N		
Accidents(S)(Y/N):	N		

GENERAL COMMENTS :

DRILL STRING IN HOLE :BHA=996.09',5" DP = 34 STDS 3207.19,DOUBLE DP 63.05',KD 19'
 RIG TUBULARS: 510 JTS 5" DP,6 - 5" HWD,6 - 8" DC,9 - 6.5" DC
 RENT TUBULARS: 9-8" DC,12-5" HWD,6-6 1/2" DC
 CSG ON LOC: 3 JTS 13 3/8",9 5/8" = 6 JTS,1-CUT JT.
 RIG FUEL USED LAST 24 HRS 627 GALS, RECV'D 0 GALS TOTAL 8626 GALS, TOTAL USED 16617 GAL.
 WATER WELL BBLs USED 2029 BBLs, TOTAL USED 6856 BBLs, BRINE 90 BBL USED, 1,000 BBL ON HAND,

WELL:	UNIVERSITY 12-17 #1H	MD (ft):	4,285	TVD (ft):	4,285	DOL:	22	DSS:	14
FIELD:	SOUTH MIDLAND	PROGRESS (ft):				FOREMAN:	ROBERT JOHNSON		
STATE:	TX REAGAN	HRS DRLG:				AFE #:	110DC114542	API #:	4238337579
REGION:	MID-CON REGION	24Hr ROP (ft/hr):		DRLG AFE:	\$4,517,200	AFE Total:	\$9,639,700	CASING (in):	9.625
RIG CONTR:	PATTERSON 240	SPUD DATE:	02/20/2012	RLS DATE:		DAILY	\$45,785	PLAN TD (ft):	14,770
RIG NBR:	PATTERSON 240					DRLG:			
PH NBR:	713-405-1343	SPUD TIME:	12:30	RLS TIME:		DRLG TOT:	\$1,794,483	SHOE TD (ft):	4,284

24 Hrs SUMMARY:	FINISH N/U BOPE & ROT. HEAD,CHANGE RAMS,MODIFY FLOW LINE,TEST BOPE
CURRENT ACTIVITY:	TESTING BOPE
FORECAST:	FINISH TESTING BOPE,P/U M/U BHA TIH,TAG UP CIRC 15 MIN. TEST CSG

BHA # :					Trip:		MUD PROPERTIES	
Qty	Description	O.D. (in)	I.D. (in)	Length (ft)	Bit:		Time:	00:00 Solids:
					Model:		Comp:	VENTURE
					S/N:		Depth (ft):	4,285 Oil:
					MFG:		Water:	10 sec Gel (lb/100ft³):
					Size (in):		MW (lb/gal):	9.9 10 min Gel (lb/100ft³):
					IADC:		VISC (s/qt):	30 30 min Gel (lb/100ft³):
					IN (ft):		PV (cP):	1 CA:
					OUT:		YP (lb/100ft³):	0 Pm:
					Length (ft):		pH:	
					Hours:		Chl:	110000 Ex Lime (lb/bbl):
					ROP (ft/hr):		WL:	Elec Stab:
					TFA (1/32in²):		HTHP:	MBT:
					WOB (lbs):		FC (1/32"): ECD (lb/gal):	
					P/U Wt:			
					S/O Wt:			
					RPM:			
					ROT Wt:			
					Torque (ft lbf):			
					DRAG:			
					I:			
					O:			
					D:			
					L:			
					B:			
					G:			
					O:			
					R:			

SURVEYS					KB Elev (ft):	2,806	GL Elev (ft):	2,778
MD (ft)	Angle	Azim	TVD (ft)	V. Sect. (ft)	+N/-S	+E/-W	D.L.	

24.00 = Total Hours Today
GENERAL COMMENTS : DRILL STRING IN HOLE :BHA=996.09',5" DP = 34 STDS 3207.19,DOUBLE DP 63.05',KD 19' RIG TUBULARS: 510 JTS 5" DP,6 - 5" HWDP,6 - 8" DC,9 - 6.5" DC RENT TUBULARS: 9-8" DC,12-5" HWDP,6-6 1/2" DC CSG ON LOC: 3 JTS 13 3/8" ,9 5/8" = 6 JTS,1-CUT JT. RIG FUEL USED LAST 24 HRS 471 GALS, RECV'D 0 GALS TOTAL 8155 GALS, TOTAL USED 17088 GAL. WATER WELL BBLS USED 0 BBLS, TOTAL USED 6856 BBLS, BRINE 0 BBL USED, 910 BBL ON HAND,

WELL:	UNIVERSITY 12-17 #1H	MD (ft):	4,285	TVD (ft):	4,285	DOL:	23	DSS:	15
FIELD:	SOUTH MIDLAND	PROGRESS (ft):				FOREMAN:	ROBERT JOHNSON		
STATE:	TX REAGAN	HRS DRLG:				AFE #:	110DC114542	API #:	4238337579
REGION:	MID-CON REGION	24Hr ROP (ft/hr):		DRLG AFE:	\$4,517,200	AFE Total:	\$9,639,700	CASING (in):	9.625
RIG CONTR:	PATTERSON 240	SPUD DATE:	02/20/2012	RLS DATE:		DAILY	\$50,861	PLAN TD (ft):	14,770
RIG NBR:	PATTERSON 240					DRLG:			
PH NBR:	713-405-1343	SPUD TIME:	06:30	RLS TIME:		DRLG TOT:	\$1,845,344	SHOE TD (ft):	4,284

24 Hrs SUMMARY:	TESTING BOPE,C/O TOP RAM BONNET SEALS,TEST BOPE,RIG REPAIR,(P/U RACK BACK BHA) (P/U RACK BACK NOV PIPE)
CURRENT ACTIVITY:	WAITING ON OMRON TO REPAIR BOP REMOTE PANEL (P/U RACKING BACK NOV PIPE)
FORECAST:	WAIT ON OMRON TECH TO ARRIVE & REPAIR BOP REMOTE PANEL,(P/U RACK BACK NOV DP)M/U BIT TIH,TAG UP CIRC 15 MIN. TEST CSG

BHA # : 05				Trip:		5		MUD PROPERTIES	
Qty	Description	O.D. (in)	I.D. (in)	Length (ft)	Bit:	Model:	5	Time:	Solids:
1	BIT	8.750		1.25		FX55DR		Comp:	VENTURE
1	MUD MOTOR STRAIGHT	6.750		30.80		S/N:	11919262	Depth (ft):	Oil:
1	FLOAT SUB	6.500	2.875	2.04		MFG:	HALLIBURTON	Water:	10 sec Gel (lb/100ft³):
1	TEEDRIFT	6.438	2.875	9.76		Size (in):	8.750	MW (lb/gal):	9.8 10 min Gel (lb/100ft³):
1	STABILIZER	6.563	2.500	6.94		IADC:		VISC (s/qt):	29 30 min Gel (lb/100ft³):
1	DRILL COLLAR	6.563	2.313	30.97		IN (ft):		PV (cP):	1 CA:
1	STABILIZER	6.500	2.812	5.04		OUT:		YP (lb/100ft³):	0 Pm:
13	DRILL COLLAR	6.563	2.312	399.73		Length (ft):		pH:	Pf:
1	XO	6.500	2.500	3.62		Hours:		Chl:	111000 Ex Lime (lb/bbl):
18	HEAVY WT. DRILL PIPE	5.000	3.000	557.26		ROP (ft/hr):		WL:	1 Elec Stab:
						TFA (1/32in²):	0.0306	HTHP:	MBT:
						WOB (lbs):		FC (1/32"):	ECD (lb/gal):
						P/U Wt:		Mud Used	
						S/O Wt:		Mud Additive	
						RPM:		ENGINEERING	
						ROT Wt:		Used	
						Torque (ft lbf):		1	
						DRAG:			
						I:			
						O:			
						D:			
						L:			
						B:			
						G:			
						O:			
						R:			

Buoyed Weight (lbs): 62704 Total Length (ft): 1,047.41

MUD Logging	
Depth (ft):	Max Gas:
BGG:	Trip Gas:
CG:	Mud Cut:

MUD VOLUMES	
DP (bbl):	Reserve Pits (bbl):
Anulus (bbl):	Active Pits (bbl):
	LOST (bbl):

SURVEYS							KB Elev (ft):	2,806	GL Elev (ft):	2,778
MD (ft)	Angle	Azim	TVD (ft)	V. Sect. (ft)	+N/-S	+E/-W	D.L.			

FROM	TO	HRS	PH CD	OP CD	Activity Last 24 Hours
06:00	07:00	1.00	DRILL	TE	ATTEMPT TO TEST TOP RAMS,CHOKE HCR & MANUAL KILL VALVE,T-RAM BONNET SEALS LEAKING,RETIGHTEN SAME,RETEST STILL LEAKING
07:00	13:00	6.00	DRILL	BP	OPEN RAMS WAIT ON BONNET SEALS ARRIVED @ 10:00 HRS INSTALL SAME TIGHTEN T-RAMS,FILL BOP W/WATER RETEST TOP RAMS,CHOKE HCR,MANUAL KILL VALVE 250/3000 F/5 MIN EACH OK
13:00	16:30	3.50	DRILL	TE	CONTINUE TESTING BOPE,T-RAMS MANUAL CHOKE & KILL VALVES,BOTTOM RAMS 250/3000 PSI,ANNULAR 250/1500 PSI,INSTALL CHECK IN KILL LINE CHECK VALVE,TEST BLIND RAMS,CHOKE HOSE,KILL LINE CHECK VALVE 250/3000 PSI,INSTALL ROTATING HEAD TEST PLUG TEST R/HEAD & ORBIT VALVE 250/1600 PSI,FINISH TEST CHOKE MANIFOLD 250/3000 PSI,ALL TEST PERFORMED W/WATER,ALL TEST HELD 5 MIN. LOW/HIGH PSI
16:30	17:30	1.00	DRILL	OT	PULL TEST PLUG SET & LOCK WEAR BUSHING IN,L/D R/TOOL
17:30	18:00	0.50	DRILL	OT	LINE UP CHOKE MANIFOLD F/DRILLING,VERIFY CSG VALVE CLOSED
18:00	19:00	1.00	DRILL	OT	LOAD FLOOR W/BIT & SUBS, CHANGE HYD. LINES ON HCR VALVE

24.00 = Total Hours Today

HYDRAULICS	
Std. Pipe (psi):	Total GPM (Gals/min): 0
	Total SPM: 0
AV(DP) (ft/min): 0.0	AV(DC) (ft/min): 0.0
Jet Vel (ft/s): 0.00	PSI Drop (psi): 0.000
Bit HP (HP): 0.00	HP/in2 (HP/in²): 0.00

	PUMP#1	PUMP#2	PUMP#3
#Cyl:	3	3	
S.L. (in):	12.000	12.000	
Liner Id (in):	6.000	6.000	
SPM:			
Rod Dia (in):	12.000	12.000	
Eff %:	95	95	
GPM (Gals/min):			

SLOW PUMP RATES	
Depth (ft):	
SPM:	
PRSR (psi):	

Safety		
Test	Date	Pressure
BOP:	03/05/2012	3000
CSG:	02/24/2012	188

Test MW:	
Test TVD (ft):	
Test Prsr (psi):	
LOT/FIT:	
BOP Drill:	02/29/2012
Fire Drill:	
Evac Drill:	
Safety Meeting:	03/06/2012 05:30
Spills Reported (Y/N):	N
Accidents(S)(Y/N):	N

GENERAL COMMENTS :

DRILL STRING IN HOLE :BHA=1047.41',5" DP = STDS ,KD
MUD MOTOR: STRAIGHT 7/8 3.0 .14 RPG
RIG TUBULARS: 510 JTS 5" DP,6 - 5" HWDP,6 - 8" DC,9 - 6.5" DC
RENT TUBULARS: 9-8" DC,12-5" HWDP,6-6 1/2" DC
CSG ON LOC: 3 JTS 13 3/8" ,9 5/8" = 6 JTS,1-CUT JT.
RIG FUEL USED LAST 24 HRS 313 GALS, RECV'D 0 GALS TOTAL 7842 GALS, TOTAL USED 17401 GAL.
WATER WELL BBLS USED 0 BBLS, TOTAL USED 6856 BBLS, BRINE 0 BBL USED, 910 BBL ON HAND,

FROM	TO	HRS	PH CD	OP CD	Activity Last 24 Hours
19:00	06:00	11.00	DRILL	FD	BOP REMOTE PANEL NOT WORKING,TROUBLE SHOOT SAME SOFTWARE ISSUE (OMRON TECH BE HERE TODAY),P/U M/U BHA RACK BACK IN DERRICK,P/U RACKING NOV CORE PIPE IN DERRICK
24.00 = Total Hours Today					

WELL:	UNIVERSITY 12-17 #1H	MD (ft):	4,285	TVD (ft):	4,285	DOL:	24	DSS:	16
FIELD:	SOUTH MIDLAND	PROGRESS (ft):				FOREMAN:	ROBERT JOHNSON		
STATE:	TX REAGAN	HRS DRLG:				AFE #:	110DC114542	API #:	423833759
REGION:	MID-CON REGION	24Hr ROP (ft/hr):		DRLG AFE:	\$4,517,200	AFE Total:	\$9,639,700	CASING (in):	9.625
RIG CONTR:	PATTERSON 240	SPUD DATE:	02/20/2012	RLS DATE:		DAILY	\$101,950	PLAN TD (ft):	14,770
RIG NBR:	PATTERSON 240					DRLG:			
PH NBR:	713-405-1343	SPUD TIME:	06:30	RLS TIME:		DRLG TOT:	\$1,947,294	SHOE TD (ft):	4,284

24 Hrs SUMMARY:	WAIT FOR OMRON (P/U RACKING BACK NOV PIPE) REPAIR REMOTE BOP PANEL (SOFT WARE),FUNCTION BOPE F/REMOTE,M/U BIT TIH 4160',CIRC,CSG TEST,INSTALL ROT. HEAD								
CURRENT ACTIVITY:	INSTALLING ROTATING HEAD								
FORECAST:	DRILL SHOE TRAC, AND 10' FORMATION,CIRC B/U,PERFORM FIT								

BHA # : 05				Trip:		5		MUD PROPERTIES	
Qty	Description	O.D. (in)	I.D. (in)	Length (ft)	Bit:	Model:		Time:	23:00 Solids:
1	BIT	8.750		1.25		FX55DR		Comp:	VENTURE
1	MUD MOTOR STRAIGHT	6.750		30.80	S/N:	11919262		Depth (ft):	4,285 Oil:
1	FLOAT SUB	6.500	2.875	2.04	MFG:	HALLIBURTON		Water:	90 10 sec Gel (lb/100ft³): 0
1	TELEDRIFT	6.438	2.875	9.76	Size (in):	8.750		MW (lb/gal):	9.8 10 min Gel (lb/100ft³): 0
1	STABILIZER	6.563	2.500	6.94	IADC:			VISC (s/qt):	29 30 min Gel (lb/100ft³):
1	DRILL COLLAR	6.563	2.313	30.97	IN (ft):			PV (cP):	1 CA: 2000
1	STABILIZER	6.500	2.812	5.04	OUT:			YP (lb/100ft³):	0 Pm:
13	DRILL COLLAR	6.563	2.312	399.73	Length (ft):			pH:	8.0 Pf:
1	XO	6.500	2.500	3.62	Hours:			Chl:	110 Ex Lime (lb/bbl):
18	HEAVY WT. DRILL PIPE	5.000	3.000	557.26	ROP (ft/hr):			WL:	Elec Stab:
					TFA (1/32in³):	0.0235		HTHP:	MBT:
					WOB (lbs):			FC (1/32"):	ECD (lb/gal):
					P/U Wt:			Mud Used	
					S/O Wt:			Mud Additive	
					RPM:			ENGINEERING	
					ROT Wt:			Used	
					Torque (ft lbf):			1	
					DRAG:				
					I:				
					O:				
					D:				
					L:				
					B:				
					G:				
					O:				
					R:				

Buoyed Weight (lbs): 62704 Total Length (ft): 1,047.41

MUD Logging	
Depth (ft):	Max Gas:
BGG:	Trip Gas:
CG:	Mud Cut:

MUD VOLUMES	
DP (bbl):	Reserve Pits (bbl):
Anulus (bbl):	Active Pits (bbl):
	LOST (bbl):

SURVEYS							KB Elev (ft): 2,806	GL Elev (ft): 2,778
MD (ft)	Angle	Azim	TVD (ft)	V. Sect. (ft)	+N/-S	+E/-W	D.L.	

FROM	TO	HRS	PH CD	OP CD	Activity Last 24 Hours
06:00	22:00	16.00	DRILL	FD	WAITING ON OMRON TO REPAIR BOP REMOTE PANEL ETA 16:00 HRS ARRIVED @ 18:00,SOFTWARE ISSUES REPROGRAM SAME,FUNCTION BOPE F/REMOTE PANEL OK,(P/U RACKING BACK 44 STDS.NOV PIPE)
22:00	03:30	5.50	DRILL	TR	M/U 8.75" BIT AND TIH TO TOC @ 4,160'
03:30	05:00	1.50	DRILL	TE	TEST 9 5/8" CSG TO 857 PSI FOR 30 MIN. WITH 9.8 PPG MUD FINAL PRESS 857 PSI
05:00	06:00	1.00	DRILL	DC	PULL TRIP NIPPLE,INSTALL ROT. HEAD

24.00 = Total Hours Today

HYDRAULICS			
Std. Pipe (psi):	Total GPM (Gals/min):	0	
	Total SPM:	0	
AV(DP) (ft/min):	0.0	AV(DC) (ft/min):	0.0
Jet Vel (ft/s):	0.00	PSI Drop (psi):	0.000
Bit HP (HP):	0.00	HP/in2 (HP/in²):	0.00
	PUMP#1	PUMP#2	PUMP#3
#Cyl:	3	3	
S.L. (in):	12.000	12.000	
Liner Id (in):	6.000	6.000	
SPM:			
Rod Dia (in):	12.000	12.000	
Eff %:	95	95	
GPM (Gals/min):			

SLOW PUMP RATES			
Depth (ft):			
SPM:	40	40	
PRSR (psi):			

Safety		
Test	Date	Pressure
BOP:	03/05/2012	3000
CSG:	02/24/2012	188

Test MW:	
Test TVD (ft):	
Test Prsr (psi):	
LOT/FIT:	
BOP Drill:	02/29/2012
Fire Drill:	
Evac Drill:	
Safety Meeting:	03/07/2012 05:30
Spills Reported (Y/N):	N
Accidents(S)(Y/N):	N

GENERAL COMMENTS :

DRILL STRING IN HOLE :BHA=1047.41',5" DP = 33 STDS = 3112.82' ,KD = 1'
MUD MOTOR: STRAIGHT 7/8 3.0 .14 RPG
RIG TUBULARS: 510 JTS 5" DP,6 - 5" HWDP,10-6 1/2" DC
RENT TUBULARS: 9-8" DC,12-5" HWDP,10-6 1/2" DC
CSG ON LOC: 3 JTS 13 3/8" ,9 5/8" = 6 JTS,1-CUT JT.
RIG FUEL USED LAST 24 HRS 314 GALS, RECV'D 0 GALS TOTAL 7528 GALS, TOTAL USED 17715 GAL.
WATER WELL BBLS USED 1278 BBLS, TOTAL USED 8134 BBLS, BRINE 0 BBL USED, 910 BBL ON HAND,

WELL:	UNIVERSITY 12-17 #1H								
FIELD:	SOUTH MIDLAND	MD (ft):	5,855	TVD (ft):	5,855	DOL:	25	DSS:	17
STATE:	TX REAGAN	PROGRESS (ft):	1,570			FOREMAN:	ROBERT JOHNSON		
REGION:	MID-CON REGION	HRS DRLG:	17.50			AFE #:	110DC114542	API #:	4238337579
RIG CONTR:	PATTERSON 240	24Hr ROP (ft/hr):	89.71	DRLG AFE:	\$4,517,200	AFE Total:	\$9,639,700	CASING (in):	9.625
RIG NBR:	PATTERSON 240	SPUD DATE:	02/20/2012	RLS DATE:		DAILY DRLG:	\$66,350	PLAN TD (ft):	14,770
PH NBR:	713-405-1343	SPUD TIME:	06:30	RLS TIME:		DRLG TOT:	\$2,013,644	SHOE TD (ft):	4,284

24 Hrs SUMMARY:	DRILL SHOE TRACK,CIRC,FIT,DRILL,W/L SUR.,DRILL & SUR W/TELEDRIFT TOOL
CURRENT ACTIVITY:	DRILLING @ 585'
FORECAST:	DRILL T/CORE POINT 6840'

BHA # : 05					Trip:	5	MUD PROPERTIES
Qty	Description	O.D. (in)	I.D. (in)	Length (ft)	Bit:	5	Time: 23:00 Solids: 9.0
1	BIT	8.750		1.25	Model:	FX55DR	Comp: VENTURE
1	MUD MOTOR STRAIGHT	6.750		30.80	S/N:	11919262	Depth (ft): 5,479 Oil:
1	FLOAT SUB	6.500	2.875	2.04	MFG:	HALLIBURTON	Water: 91 10 sec Gel (lb/100ft³): 0
1	TELEDRIFT	6.438	2.875	9.76	Size (in):	8.750	MW (lb/gal): 9.7 10 min Gel (lb/100ft³): 0
1	STABILIZER	6.563	2.500	6.94	IADC:		VISC (s/qt): 28 30 min Gel (lb/100ft³): 0
1	DRILL COLLAR	6.563	2.313	30.97	IN (ft):		PV (cP): 1 CA: 1680
1	STABILIZER	6.500	2.812	5.04	OUT:		YP (lb/100ft²): 0 Pm:
13	DRILL COLLAR	6.563	2.312	399.73	Length (ft):	1570.00	pH: 9.7 Pf: 0.2
1	XO	6.500	2.500	3.62	Hours:	18	Chl: 100000 Ex Lime (lb/bbl): 0.01
18	HEAVY WT. DRILL PIPE	5.000	3.000	557.26	ROP (ft/hr):	89.71	WL: Elec Stab:
					TFA (1/32in²):	0.0235	HTHP: MBT:
					WOB (lbs):	20.00	FC (1/32"): ECD (lb/gal):
					P/U Wt:	204	
					S/O Wt:	180	
					RPM:	84	
					ROT Wt:	201	
					Torque (ft lbf):	6000.00	
Buoyed Weight (lbs): 62816 Total Length (ft): 1,047.41					DRAG:		
					I:		
					O:		
					D:		
					L:		
					B:		
					G:		
					O:		
					R:		

MUD Logging	
Depth (ft):	Max Gas:
BGG:	Trip Gas:
CG:	Mud Cut:

MUD VOLUMES	
DP (bbl):	Reserve Pits (bbl):
Annulus (bbl):	Active Pits (bbl):
	LOST (bbl):

Mud Used	
Mud Additive	Used
CEDAR FIBER	9
ENGINEERING	1
MF-55	5
PALLETS	7
PAPER	9
SODA ASH	9
TRANSPORTATION	1
VIS-MASTER	2
WRAPS	5

[illegible]

24.00 = Total Hours Today

GENERAL COMMENTS :

DRILL STRING IN HOLE :BHA=1047.41'.5" DP =51 STDS = 4811.52'
MUD MOTOR: STRAIGHT 7/8 3.0 .14 RPG
RIG TUBULARS: 510 JTS 5" DP,6 - 5" HWDP,6 - 8" DC,9 - 6.5" DC
RENT TUBULARS: 9-8" DC,12-5" HWDP,10-6 1/2" DC
CSG ON LOC: 3 JTS 13 3/8" ,9 5/8" = 6 JTS,1-CUT JT.
RIG FUEL USED LAST 24 HRS 1413 GALS, RECVD 0 GALS TOTAL 6115 GALS, TOTAL USED 19128 GAL.
WATER WELL BBLs USED 297 BBLs. TOTAL USED 8431 BBLs. BRINE 0 BBL USED. 910 BBL ON HAND.

WELL:	UNIVERSITY 12-17 #1H								
FIELD:	SOUTH MIDLAND	MD (ft):	6,850	TVD (ft):	6,850	DOL:	26	DSS:	18
STATE:	TX REAGAN	PROGRESS (ft):	995			FOREMAN:	ROBERT JOHNSON		
REGION:	MID-CON REGION	HRS DRLG:	17.50			AFE #:	110DC114542	API #:	4238337579
RIG CONTR:	PATTERSON 240	24Hr ROP (ft/hr):	56.86	DRLG AFE:	\$4,517,200	AFE Total:	\$9,639,700	CASING (in):	9.625
RIG NBR:	PATTERSON 240	SPUD DATE:	02/20/2012	RLS DATE:		DAILY DRLG:	\$105,015	PLAN TD (ft):	14,770
PH NBR:	713-405-1343	SPUD TIME:	06:30	RLS TIME:		DRLG TOT:	\$2,118,658	SHOE TD (ft):	4,284

24 Hrs SUMMARY:	DRILL,CIRC,SURVEYS,DRILL,C/O PUMP SWAB,DRILL,CIRC,POOH
CURRENT ACTIVITY:	POOH @ 3,850'
FORECAST:	POOH,C/O T-DRIVE SAVER SUB,P/U CORING EQUIPMENT,TIH

BHA # : 05					Trip:	5	MUD PROPERTIES
Qty	Description	O.D. (in)	I.D. (in)	Length (ft)	Bit:	5	Time: 23:00 Solids: 7.6
1	BIT	8.750		1.25	Model:	FX55DR	Comp: VENTURE
1	MUD MOTOR STRAIGHT	6.750		30.80	S/N:	11919262	Depth (ft): 6,850 Oil:
1	FLOAT SUB	6.500	2.875	2.04	MFG:	HALLIBURTON	Water: 92 10 sec Gel (lb/100ft³): 0
1	TELEDRIFT	6.438	2.875	9.76	Size (in):	8.750	MW (lb/gal): 9.5 10 min Gel (lb/100ft³): 0
1	STABILIZER	6.563	2.500	6.94	IADC:		VISC (s/qt): 29 30 min Gel (lb/100ft³):
1	DRILL COLLAR	6.563	2.313	30.97	IN (ft):		PV (cP): 1 CA: 1000
1	STABILIZER	6.500	2.812	5.04	OUT:		YP (lb/100ft³): 0 Pm:
13	DRILL COLLAR	6.563	2.312	399.73	Length (ft):	2565.00	pH: 8.5 Pf: 0.0
1	XO	6.500	2.500	3.62	Hours:	35	Chl: 84000 Ex Lime (lb/bbl):
18	HEAVY WT. DRILL PIPE	5.000	3.000	557.26	ROP (ft/hr):	73.29	WL: Elec Stab:
					TFA (1/32in²):	0.0235	HTHP: MBT:
					WOB (lbs):	35.00	FC (1/32"): 1 ECD (lb/gal):
					P/U Wt:	225	
					S/O Wt:	207	
					RPM:	84	
					ROT Wt:	218	
					Torque (ft lbf):	5000.00	
					DRAG:		
					I:		
					O:		
					D:		
					L:		
					B:		
					G:		
					O:		
					R:		
Buoyed Weight (lbs): 63041 Total Length (ft): 1,047.41							
MUD Logging							
Depth (ft):		Max Gas:					
BGG:		Trip Gas:					
CG:		Mud Cut:					
MUD VOLUMES							
DP (bbl):		Reserve Pits (bbl):					
Annulus (bbl):		Active Pits (bbl):					
		LOST (bbl):					

SURVEYS					KB Elev (ft):	2,806	GL Elev (ft):	2,778
MD (ft)	Angle	Azim	TVD (ft)	V. Sect. (ft)	+N/-S	+E/-W	D.L.	
FROM	TO	HRS	PH CD	OP CD	Activity Last 24 Hours			
06:00	09:30	3.50	DRILL	DR	DRILLING 5855' - 6045', 190', 54.2"/HR, WOB 20,SPM 144,GPM 602,PP 2800,RPM 75 TQ 5000,MTR RPM 84,ALARMS SET G/L +/- 10 BBLS,FLOW +/- 3%,REAMING EACH STD TWICE,TAKING SURVEYS W/ TELEDRIFT TOOL 5816' 2 DEG.			
09:30	10:00	0.50	DRILL	CI	PUMP SWEEP CIRC OUT SAME			
10:00	11:30	1.50	DRILL	SU	RUN W/LINE SURVEY 5972' .64°,TAKE TELEDRIFT SURVEY @ 5972' 2°			
11:30	12:00	0.50	DRILL	DR	DRILLING 6045' - 6089', 44',88"/HR, WOB 30-35,SPM 144,GPM 602,PP 2800,RPM 75 TQ 5000,MTR RPM 84,ALARMS SET G/L +/- 10 BBLS,FLOW +/- 3%			
12:00	12:30	0.50	DRILL	OT	CHANGE SWAB #1 PUMP #2 POD,CIRC W/#2 PUMP			
12:30	22:00	9.50	DRILL	DR	DRILLING 6089' - 6800', 711', 74.8"/HR, WOB 30-35,SPM 144,GPM 602,PP 2800,RPM 75 TQ 5000,MTR RPM 84,ALARMS SET G/L +/- 10 BBLS,FLOW +/- 3%,TELEDRIFT SURVEY @ 6085' 1°, TELEDRIFT SURVEY @ 6795' 2°			
22:00	00:00	2.00	DRILL	FD	C/O PISTONS IN #2 MUD PUMP, WHILE CIRC. WITH # 1 PUMP			
00:00	01:00	1.00	DRILL	DR	DRILLING F/6800' TO 6850, 50' @,50"/HR, WOB 30-35,SPM 144,GPM 602,PP 2800,RPM 75 TQ 5000,MTR RPM 84,ALARMS SET G/L +/- 10 BBLS,FLOW +/- 3%,			

HYDRAULICS			
Std. Pipe (psi):	2925	Total GPM (Gals/min):	604
		Total SPM:	144
AV(DP) (ft/min):	286.5	AV(DC) (ft/min):	430.6
Jet Vel (ft/s):	257.81	PSI Drop (psi):	564.690
Bit HP (HP):	199.07	HP/in2 (HP/in²):	3.31
	PUMP#1	PUMP#2	PUMP#3
#Cyl:	3	3	
S.L. (in):	12.000	12.000	
Liner Id (in):	6.000	6.000	
SPM:	72	72	
Rod Dia (in):	12.000	12.000	
Eff %:	95	95	
GPM (Gals/min):	302	302	
SLOW PUMP RATES			
Depth (ft):			
SPM:			
PRSR (psi):			
Safety			
Test	Date	Pressure	
BOP:	03/05/2012	3000	
CSG:	03/08/2012	857	
Test MW:		9.8	
Test TVD (ft):		4,284	
Test Prsr (psi):		430	
LOT/FIT:		11.7	
BOP Drill:		03/08/2012	
Fire Drill:			
Evac Drill:			
Safety Meeting:		03/09/2012 05:30	
Spills Reported (Y/N):		N	
Accidents(S)(Y/N):		N	

24.00 = Total Hours Today

GENERAL COMMENTS :

DRILL STRING IN HOLE :BHA=1047.41'.5" DP =51 STDS = 4811.52'
MUD MOTOR: STRAIGHT 7/8 3.0 .14 RPG
RIG TUBULARS: 510 JTS 5" DP,6 - 5" HWDP,6 - 8" DC,9 - 6.5" DC
RENT TUBULARS: 9-8" DC,12-5" HWDP,10-6 1/2" DC
CSG ON LOC: 3 JTS 13 3/8" ,9 5/8" = 6 JTS,1-CUT JT.
RIG FUEL USED LAST 24 HRS 1818 GALS, RECVD 0 GALS TOTAL 4234 GALS, TOTAL USED 21,009 GAL.
WATER WELL BBLs USED 0 BBLs. TOTAL USED 8431 BBLs. BRINE 0 BBL USED. 910 BBL ON HAND.

FROM	TO	HRS	PH CD	OP CD	Activity Last 24 Hours
01:00	02:30	1.50	DRILL	CI	PUMP 50 BBL SWEEP AND CIRCULATE HOLE CLEAN @ 6850'
02:30	03:00	0.50	DRILL	SU	WIRELINE SURVEY @ 6800' .32"
03:00	06:00	3.00	DRILL	DR	PUMP SLUG AND POOH F/6,850' - 3850' MONITOR WELL AT TRIP TANK
24.00 = Total Hours Today					

WELL:	UNIVERSITY 12-17 #1H	MD (ft):	6,850	TVD (ft):	6,850	DOL:	27	DSS:	19
FIELD:	SOUTH MIDLAND	PROGRESS (ft):				FOREMAN:	ROBERT JOHNSON		
STATE:	TX REAGAN	HRS DRLG:				AFE #:	110DC114542	API #:	4238337579
REGION:	MID-CON REGION	24Hr ROP (ft/hr):		DRLG AFE:	\$4,517,200	AFE Total:	\$9,639,700	CASING (in):	9.625
RIG CONTR:	PATTERSON 240	SPUD DATE:	02/20/2012	RLS DATE:		DAILY	\$112,611	PLAN TD (ft):	14,770
RIG NBR:	PATTERSON 240					DRLG:			
PH NBR:	713-405-1343	SPUD TIME:	06:30	RLS TIME:		DRLG TOT:	\$2,231,269	SHOE TD (ft):	4,284

24 Hrs SUMMARY:	POOH,WORK BHA,C/O T-DRIVE WEAR SUB,PUMP MUD OUT OF PITS,TRANSFER 10 PPG BRINE T/PITS,REMOVING DUMP LINES @ SHAKER
CURRENT ACTIVITY:	TIH W/CORING ASSY. @ 5000'
FORECAST:	TIH W/CORING ASSY,CIRC B/U W/NEW MUD,PULL 2 STDs,RETRIEVE DRILL ROD,INSTALL CORE BBLS,DRILL CUT CORE

BHA # : 06					Trip:			MUD PROPERTIES			
Qty	Description	O.D. (in)	I.D. (in)	Length (ft)	Bit:	6	5	Time:	23:00	Solids:	5.3
1	BIT	8.750	3.500	1.95	Model:	PR-713	FX55DR	Comp:	JOHN BELLAMY		
3	CORE BARRELL	6.500	4.250	95.75	S/N:	E141973	11919262	Depth (ft):	6,850	Oil:	
7	DRILL COLLAR	6.500	4.250	217.02	MFG:	REED	HALLIBURTON	Water:	95	10 sec Gel (lb/100ft³):	0
1	XO	6.500	4.250	1.05	Size (in):	8.750	8.750	MW (lb/gal):	9.2	10 min Gel (lb/100ft³):	0
					IADC:			VISC (s/qt):	37	30 min Gel (lb/100ft³):	
					IN (ft):	6850.00		PV (cP):	8	CA:	200
					OUT:		6850.00	YP (lb/100ft³):	0	Pm:	2.0
					Length (ft):		2565.00	pH:	10.0	Pf:	1.1
					Hours:		35	Chl:	85000	Ex Lime (lb/bbl):	
					ROP (ft/hr):		73.29	WL:	10	Elec Stab:	
					TFA (1/32in²):	0.0430	0.0235	HTHP:		MBT:	
					WOB (lbs):		35.00	FC (1/32"): 1	ECD (lb/gal):		
					P/U Wt:						
					S/O Wt:						
					RPM:		84				
					ROT Wt:						
					Torque (ft lbf):						
					DRAG:						
					I:	0	0				
					O:	0	0				
					D:	ER	NO				
					L:	N	A				
					B:						
					G:	I	I				
					O:	CT	NO				
					R:	PR	BHA				

Buoyed Weight (lbs): 17708 Total Length (ft): 315.77

MUD Logging	
Depth (ft):	Max Gas:
BGG:	Trip Gas:
CG:	Mud Cut:

MUD VOLUMES	
DP (bbl):	Reserve Pits (bbl):
Anulus (bbl):	Active Pits (bbl):
	LOST (bbl):

SURVEYS							KB Elev (ft): 2,806	GL Elev (ft): 2,778
MD (ft)	Angle	Azim	TVD (ft)	V. Sect. (ft)	+N/-S	+E/-W	D.L.	

FROM	TO	HRS	PH CD	OP CD	Activity Last 24 Hours
06:00	12:00	6.00	DRILL	TR	POOH F/3850',WORK BHA,L/D STAB'S,2 DC'S,TELEDRIFT TOOL,FLT SUB,MOTOR,BIT
12:00	18:00	6.00	DRILL	OT	C/O SAVER SUB ON T-DRIVE,WASH FLOOR OFF,PUMP MUD OUT OF PITS,TRANSFER 400 BBL 10 PPG BRINE WATER TO PITS,REMOVING DUMP LINES F/SHAKERS,AND GET SAFETY VALVES,HANDLING TOOLS FOR RENTAL(COREING) PIPE ON RIG FLOOR
18:00	23:00	5.00	DRILL	TR	P/U AND M/U 8.75 BIT AND COREING BHA AND TIH TO 315' MONITOR WELL ON TRIP TANK
23:00	02:00	3.00	DRILL	TR	P/U 46 JTS. 5" RENTAL PIPE AND TIH WITH SAME TO 1,781' MONITOR WELL AT TRIP TANK
02:00	03:00	1.00	DRILL	CI	LOAD RENTAL PIPE ON RACKS AND STRAP SAME
03:00	04:00	1.00	DRILL	TR	P/U 20 JTS. 5" RENTAL PIPE AND TIH WITH SAME F/ 1,781' TO 2,408' MONITOR WELL AT TRIP TANK
04:00	06:00	2.00	DRILL	TR	TIH WITH PIPE FROM DERRICK F/2,408' TO 5000' FILLING PIPE EVERY 25 STD.AND MONITORING WELL AT TRIP TANK

24.00 = Total Hours Today

GENERAL COMMENTS :

DRILL STRING IN HOLE :BHA=315.77, + 47 STD. 5" PIPE=4395 TOTAL 4710'
MUD MOTOR: STRAIGHT 7/8 3.0 .14 RPG
RIG TUBULARS: 510 JTS 5" DP,6 - 5" HWD,6 - 8" DC,9 - 6.5" DC
RENT TUBULARS: 9-8" DC,12-5" HWD,10-6 1/2" DC,245 JTS NOV 5" CORING PIPE
CSG ON LOC: 3 JTS 13 3/8", 9 5/8" = 6 JTS,1-CUT JT.
RIG FUEL USED LAST 24 HRS 1936 GALS, RECD'V 6800 GALS TOTAL 9098 GALS, TOTAL USED 22,945 GAL.
WATER WELL BBLS USED 0 BBLS, TOTAL USED 8431 BBLS, BRINE 0 BBL USED, 910 BBL ON HAND,

HYDRAULICS			
Std. Pipe (psi):	Total GPM (Gals/min):	0	
	Total SPM:	0	
AV(DP) (ft/min):	0.0	AV(DC) (ft/min):	0.0
Jet Vel (ft/s):	0.00	PSI Drop (psi):	0.000
Bit HP (HP):	0.00	HP/in2 (HP/in²):	0.00

	PUMP#1	PUMP#2	PUMP#3
#Cyl:			
S.L. (in):			
Liner Id (in):			
SPM:			
Rod Dia (in):			
Eff %:			
GPM (Gals/min):			

SLOW PUMP RATES		
Depth (ft):		
SPM:		
PRSR (psi):		

Safety		
Test	Date	Pressure
BOP:	03/05/2012	3000
CSG:	03/08/2012	857
Test MW:		9.8
Test TVD (ft):		4,284
Test Prsr (psi):		430
LOT/FIT:		11.7
BOP Drill:		03/08/2012
Fire Drill:		
Evac Drill:		
Safety Meeting:		03/10/2012 05:30
Spills Reported (Y/N):		N
Accidents(S)(Y/N):		N

FROM	TO	HRS	PH CD	OP CD	Activity Last 24 Hours
01:00	03:00	2.00	DRILL	CI	CIRC. B/U AT 6972' AFTER CUTTING 90' OF CORES,ALARMS SET G/L +/-10 BBL,FLOW +/-3% (MOVE TIME AHEAD FOR DAYLIGHT SAVINGS TIME)
03:00	03:30	0.50	DRILL	TR	PULL 2 STDS. RACK IN DERRICK,
03:30	06:00	2.50	DRILL	CC	RIG UP WIRE LINE RETRIEVE CORES @ 6825' WHILE MONITOR WELL AT TRIP TANK.
24.00 = Total Hours Today					

WELL:	UNIVERSITY 12-17 #1H	MD (ft):	7,012	TVD (ft):	7,012	DOL:	29	DSS:	21
FIELD:	SOUTH MIDLAND	PROGRESS (ft):	40			FOREMAN:	ROBERT JOHNSON		
STATE:	TX REAGAN	HRS DRLG:				AFE #:	110DC114542	API #:	4238337579
REGION:	MID-CON REGION	24Hr ROP (ft/hr):	6.15	DRLG AFE:	\$4,517,200	AFE Total:	\$9,639,700	CASING (in):	9.625
RIG CONTR:	PATTERSON 240	SPUD DATE:	02/20/2012	RLS DATE:		DAILY	\$73,257	PLAN TD (ft):	14,770
RIG NBR:	PATTERSON 240					DRLG:			
PH NBR:	713-405-1343	SPUD TIME:	06:30	RLS TIME:		DRLG TOT:	\$2,382,506	SHOE TD (ft):	4,284

24 Hrs SUMMARY:	RETRIEVE CORE # 1 L/D SAME,DROP CORE BBLS,DRILL CORE #2 CORE JAMMED,RETRIEVE CORE #2,UNABLE TO RESTART CORE #3,R/U W/LINE								
CURRENT ACTIVITY:	R/U W/LINE								
FORECAST:	RETRIEVE INNER CORE BBLS,RIH W/SPEAR TO CLEAR BIT,POOH W/LINE,DROP INNER BBLS,SEAT SAME,DRILL CUT CORE								

BHA # : 06					Trip:		6		MUD PROPERTIES			
Qty	Description		O.D. (in)	I.D. (in)	Length (ft)	Bit:			Time:	23:00	Solids:	6.8
1	BIT		8.750	3.500	1.95	Model:	PR-713		Comp:	JOHN BELLAMY		
3	CORE BARRELL		6.500	4.250	95.75	S/N:	E141973		Depth (ft):	7,012	Oil:	
7	DRILL COLLAR		6.500	4.250	217.02	MFG:	REED		Water:	93	10 sec Gel (lb/100ft³):	0
1	XO		6.500	4.250	1.05	Size (in):	8.750		MW (lb/gal):	9.4	10 min Gel (lb/100ft³):	0
						IADC:			VISC (s/qt):	37	30 min Gel (lb/100ft³):	
						IN (ft):			PV (cP):	6	CA:	400
						OUT:			YP (lb/100ft³):	0	Pm:	1.0
						Length (ft):	130.00		pH:	10.0	Pf:	0.5
						Hours:	15		Chl:	105000	Ex Lime (lb/bbl):	
						ROP (ft/hr):	8.67		WL:	11	Elec Stab:	
						TFA (1/32in²):	0.0430		HTHP:		MBT:	
						WOB (lbs):	5.00		FC (1/32"):	1	ECD (lb/gal):	
						P/U Wt:	187					
						S/O Wt:	180					
						RPM:						
						ROT Wt:	185					
						Torque (ft lbf):	4500.00					
						DRAG:						
						I:	0					
						O:	0					
						D:	ER					
						L:	N					
						B:						
						G:	I					
						O:	CT					
						R:	PR					
Buoyed Weight (lbs): 17645 Total Length (ft): 315.77												
MUD Logging												
Depth (ft):			Max Gas:									
BGG:			Trip Gas:									
CG:			Mud Cut:									
MUD VOLUMES												
DP (bbl):			Reserve Pits (bbl):									
Annulus (bbl):			Active Pits (bbl):									
			LOST (bbl):									

Buoyed Weight (lbs): 17645 Total Length (ft): 315.77

MUD Logging	
Depth (ft):	Max Gas:
BGG:	Trip Gas:
CG:	Mud Cut:

MUD VOLUMES	
DP (bbl):	Reserve Pits (bbl):
Anulus (bbl):	Active Pits (bbl):
	LOST (bbl):

SURVEYS							KB Elev (ft): 2,806	GL Elev (ft): 2,778
MD (ft)	Angle	Azim	TVD (ft)	V. Sect. (ft)	+N/-S	+E/-W	D.L.	

FROM	TO	HRS	PH CD	OP CD	Activity Last 24 Hours
06:00	09:00	3.00	DRILL	CC	FINISH PULLING CORE BBLS T/SURFACE,R/D WIRE LINE
09:00	11:00	2.00	DRILL	CC	L/D CORE BBLS RECOVERED 91.4' OF CORE #1,PUT 1 DP STD IN MOUSEHOLE,M/U STAND CIRC WASH STD DOWN
11:00	11:30	0.50	DRILL	SR	RIG SERVICE WHILE CIRC
11:30	12:30	1.00	DRILL	CC	M/U CORE BBLS DROP & PUMP DOWN SAME W/159 GPM,60 PSI,20 RPM
12:30	19:00	6.50	DRILL	CC	DRILL CORING RUN #2, 6972' - 7012' AFTER MAKING CONNECTION NOT ABLE TO RESTART CORE (40' @ 6.1 FPH) WOB 5,SPM 62,GPM 260,PP 500,RPM 60,ALARMS SET G/L +/- 10 BBLS,FLOW +/- 3%,
19:00	20:00	1.00	DRILL	CI	CIRC. B/U AT 7012' AFTER CUTTING 40' OF CORES,ALARMS SET G/L +/-10 BBL,FLOW +/-3%
20:00	20:30	0.50	DRILL	TR	POOH AND RACK 3 STD IN DERRICK AND R/U WIRE LINE
20:30	01:30	5.00	DRILL	CC	RETRIEVE CORES WITH WIRE LINE @ 6827' AND R/D WIRE LINE
01:30	03:00	1.50	DRILL	CC	L/D CORE BARREL RECOVERED 40.85' OF CORE #2,TOTAL CORES 132.25'
03:00	04:00	1.00	DRILL	CC	M/U CORE BBLS DROP & PUMP DOWN SAME W/167 GPM,80 PSI,20 RPM

24.00 = Total Hours Today

GENERAL COMMENTS :

HYDRAULICS	
Std. Pipe (psi):	534
Total GPM (Gals/min):	268
Total SPM:	64
AV(DP) (ft/min):	127.3
AV(DC) (ft/min):	191.4
Jet Vel (ft/s):	62.56
PSI Drop (psi):	32.899
Bit HP (HP):	5.15
HP/in2 (HP/in²):	0.09

	PUMP#1	PUMP#2	PUMP#3
#Cyl:	3	3	
S.L. (in):	12.000	12.000	
Liner Id (in):	6.000	6.000	
SPM:	64		
Rod Dia (in):	12.000	12.000	
Eff %:	95	95	
GPM (Gals/min):	268		

SLOW PUMP RATES	
Depth (ft):	6,881
SPM:	20
PRSR (psi):	100
	40
	265

Safety		
Test	Date	Pressure
BOP:	03/05/2012	3000
CSG:	03/08/2012	857
Test MW:		9.8
Test TVD (ft):		4,284
Test Prsr (psi):		430
LOT/FIT:		11.7
BOP Drill:		03/08/2012
Fire Drill:		
Evac Drill:		
Safety Meeting:		03/12/2012 05:30
Spills Reported (Y/N):		N
Accidents(S)(Y/N):		N

DRILL STRING IN HOLE :BHA=315.77',70 STD.=6607.39',DOUBLE= 62.45',DOK = 27'6",TOTAL = 7012'
MUD MOTOR: N/A
RIG TUBULARS: 510 JTS 5" DP,6 - 5" HWDP,6 - 8" DC,9 - 6.5" DC
RENT TUBULARS: 9-8" DC,12-5" HWDP,10-6 1/2" DC,245 JTS NOV 5" CORING PIPE
CSG ON LOC: 3 JTS 13 3/8" ,9 5/8" = 6 JTS,1-CUT JT.
RIG FUEL USED LAST 24 HRS 470 GALS, RECV'D 0 GALS TOTAL 7842 GALS, TOTAL USED 24,201 GAL.
WATER WELL BBLS USED 0 BBLS, TOTAL USED 8859 BBLS, BRINE 0 BBL USED,700 BBL ON HAND,

FROM	TO	HRS	PH CD	OP CD	Activity Last 24 Hours
04:00	05:30	1.50	DRILL	CC	ATT. TO CUT CORE #3 UNABLE TO START CORE,CIRC,WAIT FOR WIRE LINE ARRIVED @ 0530
05:30	06:00	0.50	DRILL	CC	RACK BACK 3 STDS,R/U W/LINE
24.00 = Total Hours Today					

WELL:	UNIVERSITY 12-17 #1H								
FIELD:	SOUTH MIDLAND	MD (ft):	7,012	TVD (ft):	7,012	DOL:	30	DSS:	22
STATE:	TX REAGAN	PROGRESS (ft):	0			FOREMAN:	ROBERT JOHNSON		
REGION:	MID-CON REGION	HRS DRLG:			AFE #:	110DC114542	API #:	4238337579	
RIG CONTR:	PATTERSON 240	24Hr ROP (ft/hr):		DRLG AFE:	\$4,517,200	AFE Total:	\$9,639,700	CASING (in):	9.625
RIG NBR:	PATTERSON 240	SPUD DATE:	02/20/2012	RLS DATE:		DAILY DRLG:	\$63,988	PLAN TD (ft):	14,770
PH NBR:	713-405-1343	SPUD TIME:	06:30	RLS TIME:		DRLG TOT:	\$2,446,495	SHOE TD (ft):	4,284

24 Hrs SUMMARY:	DROP INNER BBLs, ATT.SEAT SAME FAILED,POOH UNPLUG BIT, R/U SLUMBERGER WIRE LINE, RUN QUAD COMBO LOGS
CURRENT ACTIVITY:	RIG DOWN LOGGING TOOLS
FORECAST:	LOG,R/D SLUMBERGER,AND TIH WITH CORING TOOLS

BHA # : 06				
Qty	Description	O.D. (in)	I.D. (in)	Length (ft)
1	BIT	8.750	3.500	1.95
3	CORE BARRELL	6.500	4.250	95.75
7	DRILL COLLAR	6.500	4.250	217.02
1	XO	6.500	4.250	1.05
Buoyed Weight (lbs):		17676	Total Length (ft):	315.77
MUD Logging				
Depth (ft):		Max Gas:		
BGG:		Trip Gas:		
CG:		Mud Cut:		
MUD VOLUMES				
DP (bbl):		Reserve Pits (bbl):		
Annulus (bbl):		Active Pits (bbl):		
		LOST (bbl):		

Trip:		6
Bit:		6
Model:	PR-713	
S/N:	E141973	
MFG:	REED	
Size (in):	8.750	
IADC:		
IN (ft):		
OUT (ft):	7012.00	
Length (ft):	130.00	
Hours:	15	
ROP (ft/hr):	8.67	
TFA (1/32in ²):	0.0430	
WOB (lbs):	5.00	
P/U Wt:		
S/O Wt:		
RPM:		
ROT Wt:		
Torque (ft lbf):		
DRAG:		
I:	0	
O:	0	
D:	ER	
L:	N	
B:		
G:	I	
O:	CT	
R:	PR	

MUD PROPERTIES			
Time:	23:00	Solids:	6.0
Comp:	JOHN BELLAMY		
Depth (ft):	7,012	Oil:	
Water:	94	10 sec Gel (lb/100ft ³):	0
MW (lb/gal):	9.3	10 min Gel (lb/100ft ³):	0
VISC (s/qt):	36	30 min Gel (lb/100ft ³):	
PV (cP):	5	CA:	400
YP (lb/100ft ²):	0	Pm:	1.0
pH:	11.0	Pf:	0.5
Chl:	105000	Ex Lime (lb/bbl):	
WL:	11	Elec Stab:	
HTHP:	MBT:		
FC (1/32"):	1	ECD (lb/gal):	

Mud Used	
Mud Additive	Used
ENGINEERING	1

SURVEYS					KB Elev (ft):	2,806	GL Elev (ft):	2,778
MD (ft)	Angle	Azim	TVD (ft)	V. Sect. (ft)	+N/-S	+E/-W	D.L.	
FROM	TO	HRS	PH CD	OP CD	Activity Last 24 Hours			
06:00	07:00	1.00	DRILL	CC	RIH W/W/LINE RETRIEVE INNER CORE BBLS,RACK SAME IN DERRICK			
07:00	08:30	1.50	DRILL	CC	M/U SPEAR ON W/LINE RIH TO CLEAR CORE SAMPLE OF BIT,POOH W/LINE R/D SAME			
08:30	09:00	0.50	DRILL	CI	CIRCULATE			
09:00	10:30	1.50	DRILL	CI	DROP INNER CORE BBLS PUMP SAME DOWN ATTEMPT TO SEAT SAME NO SUCCESS,MIX PUMP SLUG			
10:30	17:00	6.50	DRILL	TR	POOH @ 7012' SLM AND RACK BACK BHA MONITOR WELL AT TRIP TANK CALCULATED FILL=60 BBL,ACTUAL=67.5 BBL DIFFERENCE OF 7.5 BBL.			
17:00	17:30	0.50	DRILL	SR	SERVICE RIG			
17:30	22:00	4.50	DRILL	LO	MONITOR WELL AT TRIP TANK WHILE WAIT FOR SCHLUMBERGER WIRE LINE NO GAIN/LOSS (PULLED WEAR BUSHING AND INSPECTED SAME OK)			
22:00	00:30	2.50	DRILL	LO	HELD SAFETY MEETING, WITH ALL PARTIES, AND R/U WIRE LINE			
00:30	05:30	5.00	DRILL	LO	RUN QUAD COMBO LOG WITH SCHLUMBERGER,TO 6,984' WLM. & PULL OUT OF HOLE W/ W/ LINE TOOLS.			
05:30	06:00	0.50	DRILL	LO	RIG DOWN SCHLUMBERGER TOOL & EQUIPMENT & MONITOR WELL ON TRIP TANK.			

HYDRAULICS			
Std. Pipe (psi):	534	Total GPM (Gals/min):	268
		Total SPM:	64
AV(DP) (ft/min):	127.3	AV(DC) (ft/min):	191.4
Jet Vel (ft/s):	62.56	PSI Drop (psi):	32.549
Bit HP (HP):	5.09	HP/in2 (HP/in²):	0.08
	PUMP#1	PUMP#2	PUMP#3
#Cyl:	3	3	
S.L. (in):	12.000	12.000	
Liner Id (in):	6.000	6.000	
SPM:	64		
Rod Dia (in):	12.000	12.000	
Eff %:	95	95	
GPM (Gals/min):	268		
SLOW PUMP RATES			
Depth (ft):			
SPM:	20	40	
PRSR (psi):	100	265	

Safety		
Test	Date	Pressure
BOP:	03/05/2012	3000
CSG:	03/08/2012	857
Test MW:		9.8
Test TVD (ft):		4,284
Test Prsr (psi):		430
LOT/FIT:		11.7
BOP Drill:		03/08/2012
Fire Drill:		
Evac Drill:		
Safety Meeting:		03/13/2012 05:30
Spills Reported (Y/N):		N
Accidents(S)(Y/N):		

GENERAL COMMENTS :

DRILL STRING IN HOLE : BHA=315.77',70 STD.=6607.39',DOUBLE= 62.45',DOK = 27'6,TOTAL = 7012'
MUD MOTOR: N/A
RIG TUBULARS: 510 JTS 5" DP,6 - 5" HWDP,6 - 8" DC,9 - 6.5" DC
RENT TUBULARS: 9-8" DC,12-5" HWDP,10-6 1/2" DC,245 JTS NOV 5" CORING PIPE
CSG ON LOC: 3 JTS 13 3/8", 9 5/8" = 6 JTS,1-CUT JT.
RIG FUEL USED LAST 24 HRS DCB2 GALS, RECDV'D 0 GALS TOTAL 7214+ GALS, TOTAL USED 24,829 GALS.
WATER WELL BBLs USED 0 BBLs. TOTAL USED 8859 BBLs. BRINE 0 BBL USED,700 BBL ON HAND.

WELL:	UNIVERSITY 12-17 #1H	MD (ft):	7,102	TVD (ft):	7,102	DOL:	31	DSS:	23
FIELD:	SOUTH MIDLAND	PROGRESS (ft):	90			FOREMAN:	CHARLES HENSLEY		
STATE:	TX REAGAN	HRS DRLG:				AFE #:	110DC114542	API #:	4238337579
REGION:	MID-CON REGION	24Hr ROP (ft/hr):	12.86	DRLG AFE:	\$4,517,200	AFE Total:	\$9,639,700	CASING (in):	9.625
RIG CONTR:	PATTERSON 240	SPUD DATE:	02/20/2012	RLS DATE:		DAILY	\$71,799	PLAN TD (ft):	14,770
RIG NBR:	PATTERSON 240					DRLG:			
PH NBR:	713-405-1343	SPUD TIME:	06:30	RLS TIME:		DRLG TOT:	\$2,518,294	SHOE TD (ft):	4,284

24 Hrs SUMMARY:	TIH,CIRC, CUT 90' OF CORES AND RETRIEVE WITH WIRE LINE
CURRENT ACTIVITY:	RETRIEVING CORE # 3
FORECAST:	CORING AS PER NOV

BHA # : 06					Trip:		7
Qty	Description	O.D. (in)	I.D. (in)	Length (ft)	Bit:		7
1	BIT	8.750	3.500	1.95	Model:	PR-513	
3	CORE BARRELL	6.500	4.250	95.75	S/N:	E142456	
7	DRILL COLLAR	6.500	4.250	217.02	MFG:	REED	
1	XO	6.500	4.250	1.05	Size (in):	8.750	
					IADC:		
					IN (ft):		
					OUT:		
					Length (ft):	90.00	
					Hours:	7	
					ROP (ft/hr):	12.86	
					TFA (1/32in ²):	0.0307	
					WOB (lbs):	6.00	
					P/U Wt:	188	
					S/O Wt:	181	
					RPM:		
					ROT Wt:	185	
					Torque (ft lbf):	4000.00	
					DRAG:		
					I:	1	
					O:	1	
					D:	BT	
					L:	N	
					B:		
					G:	I	
					O:	CT	
					R:	BHA	

MUD PROPERTIES			
Time:	23:00	Solids:	
Comp:	JOHN BELLAMY		
Depth (ft):	7,039	Oil:	
Water:	94	10 sec Gel (lb/100ft ³):	0
MW (lb/gal):	9.3	10 min Gel (lb/100ft ³):	0
VISC (s/qt):	36	30 min Gel (lb/100ft ³):	
PV (cP):	7	CA:	320
YP (lb/100ft ³):	0	Pm:	0.5
pH:	10.0	Pf:	0.4
Chl:	81000	Ex Lime (lb/bbl):	
WL:	11	Elec Stab:	
HTHP:		MBT:	
FC (1/32"):	1	ECD (lb/gal):	

Mud Used	
Mud Additive	Used
ENGINEERING	1
LIME	2
SODA ASH	4

Buoyed Weight (lbs): 17676 Total Length (ft): 315.77

MUD Logging	
Depth (ft):	Max Gas:
BGG:	Trip Gas:
CG:	Mud Cut:

MUD VOLUMES	
DP (bbl):	Reserve Pits (bbl):
Anulus (bbl):	Active Pits (bbl):
	LOST (bbl):

SURVEYS						
			KB Elev (ft):	2,806	GL Elev (ft):	2,778
MD (ft)	Angle	Azim	TVD (ft)	V. Sect. (ft)	+N/-S	+E/-W
D.L.						

FROM	TO	HRS	PH CD	OP CD	Activity Last 24 Hours
06:00	06:30	0.50	DRILL	LO	RIG DOWN SCHLUMBERGER TOOL & EQUIPMENT & MONTIOR WELL ON TRIP TANK.
06:30	09:00	2.50	DRILL	TR	P/U CORE BARREL COLLARS F/DRK, M/U BIT RUN IN HOLE AND DROP CORE BARRELS AND CHECK SEAT AT BIT, RACK BACK CORE BARREL AND P/U DRILL ROD,C/O BIT TIH W/COLLARS
09:00	10:30	1.50	DRILL	TR	TIH T/2692' SOUND HORN VERIFY DRKMAN 100% TIED OFF CHECK COM
10:30	11:00	0.50	DRILL	CI	FILL PIPE @ 30SPM 270 STKS TO FILL
11:00	12:00	1.00	DRILL	TR	TIH F/ 2692' T/ 4200' WHILE MONITORING WELL THROUGH TRIP TANK CALCULATING DISPLACEMENT
12:00	12:30	0.50	DRILL	SR	RIG SERVICE AND FILL PIPE
12:30	15:30	3.00	DRILL	TR	TIH F/4200' T/6888' MONITORING WELL ON TRIP TANK
15:30	16:00	0.50	DRILL	WA	WASH F/ 6826 T/ 7012, 70 SPM, 20 RPM, 293 GPM,
16:00	17:00	1.00	DRILL	WLRD	R/U CUDD WIRELINE, RETRIVE DRILL ROD, RACK BACK, R/D WIRELINE
17:00	17:30	0.50	DRILL	CI	PUMP DOWN CORE BARREL @ 38 SPM

24.00 = Total Hours Today

HYDRAULICS			
Std. Pipe (psi):	570	Total GPM (Gals/min):	267
		Total SPM:	63
AV(DP) (ft/min):		AV(DC) (ft/min):	
Jet Vel (ft/s):	87.25	PSI Drop (psi):	63.321
Bit HP (HP):	9.87	HP/in2 (HP/in ²):	0.16
	PUMP#1	PUMP#2	PUMP#3
#Cyl:	3	3	
S.L. (in):	12.000	12.000	
Liner Id (in):	6.000	6.000	
SPM:		63	
Rod Dia (in):	12.000	12.000	
Eff %:	95	95	
GPM (Gals/min):		267	

SLOW PUMP RATES			
Depth (ft):			
SPM:			
PRSR (psi):			

Safety		
Test	Date	Pressure
BOP:	03/05/2012	3000
CSG:	03/08/2012	857
Test MW:		9.8
Test TVD (ft):		4,284
Test Prsr (psi):		430
LOT/FIT:		11.7
BOP Drill:		03/08/2012
Fire Drill:		
Evac Drill:		
Safety Meeting:		03/14/2012 05:30
Spills Reported (Y/N):		N
Accidents(S)(Y/N):		N

GENERAL COMMENTS :

DRILL STRING IN HOLE :BHA=315.77',71 STD.=6700.20',DOUBLE= 62.45',DOK =28.6'TOTAL = 7102'
MUD MOTOR: N/A
RIG TUBULARS: 510 JTS 5" DP,6 - 5" HWDP,6 - 8" DC,9 - 6.5" DC
RENT TUBULARS: 9-8" DC,12-5" HWDP,10-6 1/2" DC,245 JTS NOV 5" CORING PIPE
CSG ON LOC: 3 JTS 13 3/8" .9 5/8" = 6 JTS,1-CUT JT.
RIG FUEL USED LAST 24 HRS 627 GAL, RECV'D 0 GAL, TOTAL 6587+ GAL, TOTAL USED 24,829 GAL.
WATER WELL BBLs USED 0 BBLs, TOTAL USED 8860 BBLs, BRINE 0 BBL USED,700 BBL ON HAND,

FROM	TO	HRS	PH CD	OP CD	Activity Last 24 Hours
17:30	00:30	7.00	DRILL	CC	CORING 7012' - 7102' (90' @ 12.8 FPH) WOB 6,SPM 64,GPM 267,PP 575,RPM 65,ALARMS SET G/L +/- 5 BBLs,FLOW +/- 3%,
00:30	01:30	1.00	DRILL	CI	CIRC. B/U AT 7102' AFTER CUTTING 90' OF CORES,ALARMS SET G/L +/-5 BBL,FLOW +/-3%
01:30	02:30	1.00	DRILL	TR	POOH AND RACK 2 STD IN DERRICK AND R/U WIRE LINE
02:30	06:00	3.50	DRILL	CC	RUN IN WITH WIRE LINE, RETRIEVE CORES @ 7102' WHILE MONITOR WELL AT TRIP TANK.
24.00 = Total Hours Today					

WELL:	UNIVERSITY 12-17 #1H								
FIELD:	SOUTH MIDLAND	MD (ft):	7,205	TVD (ft):	7,205	DOL:	32	DSS:	24
STATE:	TX REAGAN	PROGRESS (ft):	103			FOREMAN:	CHARLES HENSLEY		
REGION:	MID-CON REGION	HRS DRLG:			AFE #:	110DC114542	API #:	4238337579	
RIG CONTR:	PATTERSON 240	24Hr ROP (ft/hr):	14.71	DRLG AFE:	\$4,517,200	AFE Total:	\$9,639,700	CASING (in):	9.625
RIG NBR:	PATTERSON 240	SPUD DATE:	02/20/2012	RLS DATE:		DAILY DRLG:	\$76,924	PLAN TD (ft):	14,770
PH NBR:	713-405-1343	SPUD TIME:	06:30	RLS TIME:		DRLG TOT:	\$2,595,217	SHOE TD (ft):	4,284

24 Hrs SUMMARY:	CORE DRILL AND LAYDOWN CORES
CURRENT ACTIVITY:	CORING @ 7205'
FORECAST:	CORING AS PER NOV

BHA # : 06				
Qty	Description	O.D. (in)	I.D. (in)	Length (ft)
1	BIT	8.750	3.500	1.95
3	CORE BARRELL	6.500	4.250	95.75
7	DRILL COLLAR	6.500	4.250	217.02
1	XO	6.500	4.250	1.05
Buoyed Weight (lbs):		17676	Total Length (ft):	315.77
MUD Logging				
Depth (ft):		Max Gas:		
BGG:		Trip Gas:		
CG:		Mud Cut:		
MUD VOLUMES				
DP (bbl):		Reserve Pits (bbl):		
Annulus (bbl):		Active Pits (bbl):		
		LOST (bbl):		
Trip:		7		
Bit:		7		
Model:		PR-513		
S/N:		E142456		
MFG:		REED		
Size (in):		8.750		
IADC:				
IN (ft):				
OUT:				
Length (ft):		193.00		
Hours:		14		
ROP (ft/hr):		13.79		
TFA (1/32in ²):		0.0307		
WOB (lbs):		6.00		
P/U Wt:		186		
S/O Wt:		180		
RPM:				
ROT Wt:		183		
Torque (ft lbf):				
DRAG:				
I:		1		
O:		1		
D:		BT		
L:		N		
B:				
G:		I		
O:		CT		
R:		BHA		
MUD PROPERTIES				
Time:		23:00	Solids:	6.0
Comp:		John Bellamy		
Depth (ft):		7,192	Oil:	
Water:		94	10 sec Gel (lb/100ft ³):	0
MW (lb/gal):		9.3	10 min Gel (lb/100ft ³):	0
VISC (s/qt):		33	30 min Gel (lb/100ft ³):	
PV (cP):		8	CA:	320
YP (lb/100ft ²):		0	Pm:	0.8
pH:		9.5	Pf:	0.4
Chl:		88000	Ex Lime (lb/bbl):	0.10
WL:		15	Elec Stab:	
HTHP:		MBT:		
FC (1/32"):		1	ECD (lb/gal):	
Mud Used				
Mud Additive				Used
ENGINEERING				1

[illegible]

GENERAL COMMENTS :

DRILL STRING IN HOLE :BHA=315.77',73 STD.=6888.05' DOK =2' TOTAL = 7205.00'
MUD MOTOR: N/A
RIG TUBULARS: 510 JTS 5" DP,6 - 5" HWDP,6 - 8" DC,9 - 6.5" DC
RENT TUBULARS: 9-8" DC,12-5" HWDP,10-6 1/2" DC,245 JTS NOV 5" CORING PIPE
CSG ON LOC: 3 JTS 13 3/8", 9 5/8" = 6 JTS,1-CUT JT.
RIG FUEL USED LAST 24 HRS 1568 GALS, RECVD 0 GALS TOTAL 5019 GALS, TOTAL USED 26,397 GAL.
WATER WELL BBLS USED 0 BBLS. USED USED 8860 BBLS. BRINE 0 BBL USED,700 BBL ON HAND.

FROM	TO	HRS	PH CD	OP CD	Activity Last 24 Hours
02:00	03:30	1.50		CC	L/D CORE BBLS RECOVERED 90.5' OF CORE #4, TOTAL CORES RETRIEVED 313.45' PUT 1 DP STD IN MOUSEHOLE,M/U STAND CIRC WASH STD DOWN
03:30	04:30	1.00	DRILL	CI	M/U CORE BBLS DROP & PUMP DOWN SAME W/ 40 SPM,167 GPM, 265 PSI
04:30	06:00	1.50	COMP	CC	DRILL CORING RUN #5,CORING 7192' - 7205' (13' @ 8.6 FPH) WOB 5-7,SPM 66,GPM 276,PP 617,RPM 65,ALARMS SET G/L +/- 5 BBLS,FLOW +/- 3%,
24.00 = Total Hours Today					

WELL:	UNIVERSITY 12-17 #1H								
FIELD:	SOUTH MIDLAND	MD (ft):	7,372	TVD (ft):	7,372	DOL:	33	DSS:	25
STATE:	TX REAGAN	PROGRESS (ft):	167			FOREMAN:	CHARLES HENSLEY		
REGION:	MID-CON REGION	HRS DRLG:			AFE #:	110DC114542	API #:	4238337579	
RIG CONTR:	PATTERSON 240	24Hr ROP (ft/hr):	27.83	DRLG AFE:	\$4,517,200	AFE Total:	\$9,639,700	CASING (in):	9.625
RIG NBR:	PATTERSON 240	SPUD DATE:	02/20/2012	RLS DATE:		DAILY DRLG:	\$117,315	PLAN TD (ft):	14,770
PH NBR:	713-405-1343	SPUD TIME:	06:30	RLS TIME:		DRLG TOT:	\$2,712,532	SHOE TD (ft):	4,284
24 Hrs SUMMARY:	CORE DRILL AND RETRIEVE CORE TUBES W/WL. FALSE H2S ALARM CAUSED BY FAULTY SENSOR AND BAD CIRCUIT BOARD								
CURRENT ACTIVITY:	RETRIEVE CORE # 6 @ 7372'								
FORECAST:	CORING AS PER NOV								

BHA # : 06					Trip:	7	MUD PROPERTIES				
Qty	Description		O.D. (in)	I.D. (in)	Length (ft)	Bit:	7	Time:	23:00	Solids:	1.3
1	BIT		8.750	3.500	1.95	Model:	PR-513	Comp:	John Bellamy		
3	CORE BARRELL		6.500	4.250	95.75	S/N:	E142456	Depth (ft):	7,285	Oil:	
7	DRILL COLLAR		6.500	4.250	217.02	MFG:	REED	Water:	94	10 sec Gel (lb/100ft³):	0
1	XO		6.500	4.250	1.05	Size (in):	8.750	MW (lb/gal):	9.3	10 min Gel (lb/100ft³):	0
						IADC:		VISC (s/qt):	34	30 min Gel (lb/100ft³):	
						IN (ft):		PV (cP):	6	CA:	80
						OUT:		YP (lb/100ft³):	0	Pm:	0.8
						Length (ft):	360.00	pH:	10.0	Pf:	0.4
						Hours:	20	Chl:	87000	Ex Lime (lb/bbl):	0.10
						ROP (ft/hr):	18.00	WL:	15.2	Elec Stab:	
						TFA (1/32in³):	0.0307	HTHP:		MBT:	
						WOB (lbs):	6.00	FC (1/32"):	1	ECD (lb/gal):	
						P/U Wt:	192				
						S/O Wt:	188				
						RPM:					
						ROT Wt:	190				
						Torque (ft lbf):					
						DRAG:					
						I:	1				
						O:	1				
						D:	BT				
						L:	N				
						B:					
						G:	I				
						O:	CT				
						R:	BHA				
Buoyed Weight (lbs): 17676 Total Length (ft): 315.77											
MUD Logging											
Depth (ft):			Max Gas:								
BGG:			Trip Gas:								
CG:			Mud Cut:								
MUD VOLUMES											
DP (bbl):			Reserve Pits (bbl):								
Anulus (bbl):			Active Pits (bbl):								
			LOST (bbl):								

[illegible]

GENERAL COMMENTS :

DRILL STRING IN HOLE :BHA=315.77',73 STD.=6888.05' DOK =2' TOTAL = 7205.00'
MUD MOTOR: N/A
RIG TUBULARS: 510 JTS 5" DP,6 - 5" HWDP,6 - 8" DC,9 - 6.5" DC
RENT TUBULARS: 9-8" DC,12-5" HWDP,10-6 1/2" DC,245 JTS NOV 5" CORING PIPE
CSG ON LOC: 3 JTS 13 3/8", 9 5/8" = 6 JTS,1-CUT JT.
RIG FUEL USED LAST 24 HRS 997 GALS, RECVD/ 6799 GALS TOTAL 10821 GALS, TOTAL USED 27,394 GAL.
WATER WELL BBLs USED 0 BBLs, TOTAL USED 8860 BBLs, BRINE 40 BBL USED,273 BBL ON HAND.

FROM	TO	HRS	PH CD	OP CD	Activity Last 24 Hours
19:30	23:30	4.00	DRILL	CC	CORING 7282' T/ 7372'= 90FT @ 35.4FT/HR WOB 9.5,SPM 66,GPM 267,PP 632,RPM 65,ALARMS SET G/L +/- 5 BBLs, FLOW +/- 3%, 21:00 HRS @7296' H2S SENSOR #6 TRIPPED AND THEN RESET. AMERICAN SAFETY TECHNICIAN DETERMINED CAUSE AS A FAULTY SENSOR AND BAD CIRCUIT BOARD.
23:30	00:30	1.00	DRILL	CI	CIRC. B/U AT 7372' AFTER CUTTING 90' OF CORES,ALARMS SET G/L +/-5 BBL,FLOW +/-3%
00:30	01:30	1.00	DRILL	TR	POOH AND RACK 2 STD IN DERRICK AND R/U WIRE LINE
01:30	06:00	4.50	DRILL	CC	RUN IN WITH WIRE LINE, RETRIEVE #6CORES @ 7372' WHILE MONITOR WELL AT TRIP TANK.
24.00 = Total Hours Today					

WELL:	UNIVERSITY 12-17 #1H								
FIELD:	SOUTH MIDLAND	MD (ft):	7,462	TVD (ft):	7,462	DOL:	34	DSS:	26
STATE:	TX REAGAN	PROGRESS (ft):	90			FOREMAN:	CHARLES HENSLEY		
REGION:	MID-CON REGION	HRS DRLG:			AFE #:	110DC114542	API #:	4238337579	
RIG CONTR:	PATTERSON 240	24Hr ROP (ft/hr):	15.00	DRLG AFE:	\$4,517,200	AFE Total:	\$9,639,700	CASING (in):	9.625
RIG NBR:	PATTERSON 240	SPUD DATE:	02/20/2012	RLS DATE:		DAILY DRLG:	\$68,069	PLAN TD (ft):	14,770
PH NBR:	713-405-1343	SPUD TIME:	06:30	RLS TIME:		DRLG TOT:	\$2,780,601	SHOE TD (ft):	4,284

24 Hrs SUMMARY:	CORE TO 7,462' RETRIEVE CORES POOH L/D 5" RENTAL DP
CURRENT ACTIVITY:	POOH L/D 5" RENTAL DP
FORECAST:	L/D 5" RENTAL PIPE, P/U BHA, TIH WASH & REAM ,DRLG.

BHA # : 06					Trip: 7		MUD PROPERTIES			
Qty	Description	O.D. (in)	I.D. (in)	Length (ft)	Bit:		Time:	23:00	Solids:	0.8
1	BIT	8.750	3.500	1.95	Model:	PR-513	Comp:	VENTURE MUS SERVICE.		
3	CORE BARRELL	6.500	4.250	95.75	S/N:	E142456	Depth (ft):	7,462	Oil:	0
7	DRILL COLLAR	6.500	4.250	217.02	MFG:	REED	Water:	94	10 sec Gel (lb/100ft³):	0
1	XO	6.500	4.250	1.05	Size (in):	8.750	MW (lb/gal):	9.3	10 min Gel (lb/100ft³):	0
					IADC:		VISC (s/qt):	35	30 min Gel (lb/100ft³):	
					IN (ft):		PV (cP):	8	CA:	200
					OUT:		YP (lb/100ft³):	0	Pm:	0.9
					Length (ft):	450.00	pH:	10.0	Pf:	0.6
					Hours:	26	Chl:	95000	Ex Lime (lb/bbl):	0.08
					ROP (ft/hr):	17.31	WL:	12	Elec Stab:	
					TFA (1/32in²):	0.0307	HTHP:	MBT:		
					WOB (lbs):	9.00	FC (1/32"):	ECD (lb/gal):		
					P/U Wt:	196				
					S/O Wt:	194				
					RPM:					
					ROT Wt:	195				
					Torque (ft lbf):	4587.00				
					DRAG:					
					I:	1				
					O:	1				
					D:	BT				
					L:	N				
					B:					
					G:	I				
					O:	CT				
					R:	BHA				
Buoyed Weight (lbs): 17676 Total Length (ft): 315.77										
MUD Logging										
Depth (ft):		Max Gas:								
BGG:		Trip Gas:								
CG:		Mud Cut:								
MUD VOLUMES										
DP (bbl):		127.00	Reserve Pits (bbl):		552					
Anulus (bbl):		386.00	Active Pits (bbl):		645					
			LOST (bbl):							
Mud Used										
Mud Additive									Used	
ENGINEERING									1	

SURVEYS					KB Elev (ft):	2,806	GL Elev (ft):	2,778
MD (ft)	Angle	Azim	TVD (ft)	V. Sect. (ft)	+N/-S	+E/-W	D.L.	
FROM	TO	HRS	PH CD	OP CD	Activity Last 24 Hours			
06:00	08:00	2.00	DRILL	CC	RETRIEVE CORE #6 L/D CORE BARRELS 90.6' FT RECOVERED			
08:00	08:30	0.50	DRILL	SR	SERVICE RIG / DERRICK INSPECTION RIG MANAGER ON FLOOR			
08:30	09:30	1.00	DRILL	CC	MAKE UP 2 STDs AND DROP CORE BARRELS			
09:30	10:00	0.50	DRILL	CC	BREAK CIRCULATION AND PUMP DOWN CORE BARRELS			
10:00	16:00	6.00	DRILL	CC	CORE F/ 7372' T/ 7462' (90 @ 9.0 FT HR) WOB 7-10 RPM 65 GPM 267, S.P.P 650			
16:00	17:00	1.00	DRILL	CI	CIRCULATE BOTTOMS UP			
17:00	18:00	1.00	DRILL	TR	POOH F/7462' T/ 7297' AND RACK 2 STD IN DERRICK, R/U WIRE LINE			
18:00	18:30	0.50	DRILL	SR	DERRICK/DROPPED OBJECTS INSPECTION			
18:30	23:00	4.50	DRILL	CC	RUN IN WITH WIRE LINE, RETRIEVE #7CORES @ 7462' WHILE MONITOR WELL AT TRIP TANK.			
23:00	23:30	0.50	DRILL	CC	L/D CORE BBLS RECOVERED 89.6' OF CORE #7, TOTAL CORES RETRIEVED 585.15'			
23:30	01:00	1.50	DRILL	CI	CIRCULATE BOTTOMS UP			

24.00 = Total Hours Today

HYDRAULICS

Std. Pipe (psi):	650	Total GPM (Gals/min):	267
		Total SPM:	66
AV(DP) (ft/min):		AV(DC) (ft/min):	
Jet Vel (ft/s):	87.25	PSI Drop (psi):	63.321
Bit HP (HP):	9.87	HP/in2 (HP/in²):	0.16
	PUMP#1	PUMP#2	PUMP#3
#Cyl:	3		3
S.L. (in):	12.000		12.000
Liner Id (in):	6.000		6.000
SPM:			66
Rod Dia (in):	12.000		12.000
Eff %:	95		95
GPM (Gals/min):			267

SLOW PUMP RATES

Depth (ft):		
SPM:		
PRSR (psi):		

Safety

Test	Date	Pressure
BOP:	03/05/2012	3000
CSG:	03/08/2012	857
Test MW:		9.8
Test TVD (ft):		4,284
Test Prsr (psi):		430
LOT/FIT:		11.7
BOP Drill:		03/08/2012
Fire Drill:		
Evac Drill:		
Safety Meeting:		03/17/2012 05:30
Spills Reported (Y/N):		N
Accidents(S)(Y/N):		N

GENERAL COMMENTS :

DRILL STRING IN HOLE :BHA=315.77',75 STD.=7075.05' 2 JTS 62.96 DOK =9' TOTAL = 7462.00'
MUD MOTOR: N/A
RIG TUBULARS: 510 JTS 5" DP,6 - 5" HWDP,6 - 8" DC,9 - 6.5" DC
RENT TUBULARS: 9-8" DC,12-5" HWDP,10-6 1/2" DC,245 JTS NOV 5" CORING PIPE
CSG ON LOC: 3 JTS 13 3/8", 9 5/8" = 6 JTS,1-CUT JT.
RIG FUEL USED LAST 24 HRS 784 GALS, RECD'V 0 GALS TOTAL 10037 GALS, TOTAL USED 27,394 GAL.
WATER WELL BBLs USED 0 BBLs, TOTAL USED 8860 BBLs, BRINE 40 BBL USED,273 BBL ON HAND,

FROM	TO	HRS	PH CD	OP CD	Activity Last 24 Hours
01:00	02:00	1.00	DRILL	TR	POOH F7462' T/6700, RACK BACK 9 STD, MONITOR WELL AT TRIP TANK CALCULATED FILL=7 BBL,ACTUAL=5 BBL DIFFERENCE OF - 2.0 BBL.
02:00	03:00	1.00	DRILL	OT	REMOVE ROTATING HEAD AND INSTALL TRIP NIPPLE
03:00	06:00	3.00	DRILL	TR	L/D 5" RENTAL PIPE F/6700' T/4851' MONITOR WELL AT TRIP TANK CALCULATED FILL=17.5 BBL,ACTUAL=16.0 BBL DIFFERENCE OF -1.5 BBL..
24.00 = Total Hours Today					

WELL:	UNIVERSITY 12-17 #1H	MD (ft):	7,462	TVD (ft):	7,462	DOL:	35	DSS:	27
FIELD:	SOUTH MIDLAND	PROGRESS (ft):	0			FOREMAN:	CHARLES HENSLEY		
STATE:	TX REAGAN	HRS DRLG:				AFE #:	110DC114542	API #:	4238337579
REGION:	MID-CON REGION	24Hr ROP (ft/hr):		DRLG AFE:	\$4,517,200	AFE Total:	\$9,639,700	CASING (in):	9.625
RIG CONTR:	PATTERSON 240	SPUD DATE:	02/20/2012	RLS DATE:		DAILY	\$114,304	PLAN TD (ft):	14,770
RIG NBR:	PATTERSON 240					DRLG:			
PH NBR:	713-405-1343	SPUD TIME:	06:30	RLS TIME:		DRLG TOT:	\$2,894,906	SHOE TD (ft):	4,284

24 Hrs SUMMARY:	L/D 5" NOV RENTAL PIPE, AND MAKE UP BHA, TIH TO SHOE
CURRENT ACTIVITY:	CUT DRILL LINE
FORECAST:	CUT DRILL LINE, TIH WASH & REAM ,DRLG. TO 8000'

BHA # : 07					Trip:	7	5	MUD PROPERTIES			
Qty	Description	O.D. (in)	I.D. (in)	Length (ft)	Bit:	7	5	Time:	23:00	Solids:	6.0
1	BIT	8.750		1.25	Model:	PR-513	FX55DR	Comp:	VENTURE MUD CO		
1	MUD MOTOR STRAIGHT	6.750		30.80	S/N:	E142456	11919262	Depth (ft):	7,462	Oil:	
1	FLOAT SUB	6.500	2.875	2.04	MFG:	REED	HALLIBURTON	Water:	94	10 sec Gel (lb/100ft³):	0
1	STABILIZER	6.563	2.500	6.94	Size (in):	8.750	8.750	MW (lb/gal):	9.3	10 min Gel (lb/100ft³):	0
1	DRILL COLLAR	6.563	2.313	30.97	IADC:			VISC (s/qt):	35	30 min Gel (lb/100ft³):	
1	STABILIZER	6.500	2.812	5.04	IN (ft):			PV (cP):	9	CA:	200
13	DRILL COLLAR	6.563	2.312	399.73	OUT (ft):	7462.00		YP (lb/100ft³):	0	Pm:	0.8
1	XO	6.500	2.500	3.62	Length (ft):	450.00	2565.00	pH:		Pf:	0.4
18	HEAVY WT. DRILL PIPE	5.000	3.000	557.26	Hours:	26	35	Chl:	91000	Ex Lime (lb/bbl):	0.10
					ROP (ft/hr):	17.31	73.29	WL:	11	Elec Stab:	
					TFA (1/32in²):	0.0307	0.0235	HTHP:		MBT:	
					WOB (lbs):	9.00		FC (1/32"):	1	ECD (lb/gal):	
					P/U Wt:	173	173	Mud Used			
					S/O Wt:			Mud Additive		Used	
					RPM:			ENGINEERING		1	
					ROT Wt:						
					Torque (ft lbf):						
					DRAG:						
					I:	1	0				
					O:	1	0				
					D:	BT	NO				
					L:	N	A				
					B:						
					G:	I	I				
					O:	CT	NO				
					R:	BHA	BHA				

MUD Logging			
Depth (ft):		Max Gas:	
BGG:		Trip Gas:	
CG:		Mud Cut:	

MUD VOLUMES			
DP (bbl):		Reserve Pits (bbl):	
Anulus (bbl):		Active Pits (bbl):	
		LOST (bbl):	

Buoyed Weight (lbs): 62525 Total Length (ft): 1,037.65

MUD Logging	
Depth (ft):	Max Gas:
BGG:	Trip Gas:
CG:	Mud Cut:

MUD VOLUMES	
DP (bbl):	128.00
Anulus (bbl):	391.00
Reserve Pits (bbl):	522
Active Pits (bbl):	
LOST (bbl):	

SURVEYS							KB Elev (ft):	2,806	GL Elev (ft):	2,778
MD (ft)	Angle	Azim	TVD (ft)	V. Sect. (ft)	+N/-S	+E/-W	D.L.			

FROM	TO	HRS	PH CD	OP CD	Activity Last 24 Hours
06:00	09:00	3.00	DRILL	TR	L/D 5" NOV RENTAL PIPE, F/4851' T/1935'
09:00	09:30	0.50	DRILL	SR	SERVICE RIG AND INSPECTION AROUND RIG
09:30	11:30	2.00	DRILL	TR	L/D 5" NOV RENTAL PIPE, F/ 1935' T/ 533'
11:30	12:00	0.50	DRILL	TR	TRIP IN HOLE WITH 9 STDs OF NOV RENTAL PIPE F/315' TO 1312'..
12:00	13:30	1.50	DRILL	TR	L/D 5" NOV RENTAL PIPE F/ 1312' T/ 315'
13:30	16:00	2.50	DRILL	TR	L/D CORING BHA CALC. DISP 49.3 BBLs ACTUAL 55.7 BBLs + 5.7 ..
16:00	17:00	1.00	DRILL	TR	C/O RENTAL SAVER SUB ON TOP DRIVE
17:00	18:00	1.00	DRILL	TR	CLEAR RIG FLOOR OF ALL RENTAL PIPE HANDLING EQUIPMENT
18:00	19:00	1.00	DRILL	SR	PERFORM DERRICK INSPECTION
19:00	23:30	4.50	DRILL	TR	P/U AND M/U 8.75" BIT AND BHA TIH TO 1037'
23:30	00:30	1.00	DRILL	TR	LAY OUT AND STRAP 21 JTS. 5" DP
00:30	01:30	1.00	DRILL	TR	POOH F/ 1037' TO BIT INSTALL BAFFLE PLATE CALC, 20.8 ACTUAL 27 BBLs DIFF. + 6.2
01:30	03:00	1.50	DRILL	TR	TIH W/ BHA TO 1037', BHA WT 88K

24.00 = Total Hours Today

HYDRAULICS			
Std. Pipe (psi):	0	Total GPM (Gals/min):	267
AV(DP) (ft/min):		AV(DC) (ft/min):	
Jet Vel (ft/s):	87.25	PSI Drop (psi):	63.321
Bit HP (HP):	9.87	HP/in2 (HP/in²):	0.16
	PUMP#1	PUMP#2	PUMP#3
#Cyl:	3	3	
S.L. (in):	12.000	12.000	
Liner Id (in):	6.000	6.000	
SPM:			
Rod Dia (in):	12.000	12.000	
Eff %:	95	95	
GPM (Gals/min):		267	

SLOW PUMP RATES			
Depth (ft):			
SPM:			
PRSR (psi):			

Safety		
Test	Date	Pressure
BOP:	03/05/2012	3000
CSG:	03/08/2012	857
Test MW:		9.8
Test TVD (ft):		4,284
Test Prsr (psi):		430
LOT/FIT:		11.7
BOP Drill:		03/08/2012
Fire Drill:		
Evac Drill:		
Safety Meeting:		03/17/2012 05:30
Spills Reported (Y/N):		N
Accidents(S)(Y/N):		N

GENERAL COMMENTS :
 DRILL STRING IN HOLE :BHA=1,037.65' 33 STD.=3,185.' TOTAL = 4,222'
 MUD MOTOR: 1 STRAIGHT
 RIG TUBULARS: 510 JTS 5" DP, 6 - 5" HWDP, 6 - 8" DC, 9 - 6.5" DC
 RENT TUBULARS: 9-8" DC, 12-5" HWDP, 10-6 1/2" DC, 245 JTS NOV 5" CORING PIPE
 CSG ON LOC: 3 JTS 13 3/8", 9 5/8" = 6 JTS, 1-CUT JT.
 RIG FUEL USED LAST 24 HRS 470 GALS, RECV'D 0 GALS TOTAL 9,567 GALS, TOTAL USED 29,369 GAL.
 WATER WELL BBLs USED 0 BBLs, TOTAL USED 8860 BBLs, BRINE 40 BBL USED, 273 BBL ON HAND,

FROM	TO	HRS	PH CD	OP CD	Activity Last 24 Hours
03:00	06:00	3.00	DRILL	TR	P/U 21 JTS. DRILL PIPE AND TIH F/1037 TO 4139' MONITOR WELL ON TRIP TANK CUMULATIVE CALA. 101.4 BBLs ACTUAL 84 BBLs DIFF. 17.5 BBLs
24.00 = Total Hours Today					

WELL:	UNIVERSITY 12-17 #1H								
FIELD:	SOUTH MIDLAND	MD (ft):	8,000	TVD (ft):	8,000	DOL:	36	DSS:	28
STATE:	TX REAGAN	PROGRESS (ft):	358			FOREMAN:	CHARLES HENSLEY		
REGION:	MID-CON REGION	HRS DRLG:	10.50			AFE #:	110DC114542	API #:	4238337579
RIG CONTR:	PATTERSON 240	24Hr ROP (ft/hr):	34.10	DRLG AFE:	\$4,517,200	AFE Total:	\$9,639,700	CASING (in):	9.625
RIG NBR:	PATTERSON 240	SPUD DATE:	02/20/2012	RLS DATE:		DAILY DRLG:	\$49,804	PLAN TD (ft):	14,770
PH NBR:	713-405-1343	SPUD TIME:	06:30	RLS TIME:		DRLG TOT:	\$2,944,710	SHOE TD (ft):	4,284

24 Hrs SUMMARY:	CUT DRLG LINE, TIH, W/R TO BOTTOM, @ 7,642' DRILLED TO 8,000' CIRC., WIPER TRIP
CURRENT ACTIVITY:	CIRCULATE HOLE CLEAN
FORECAST:	DROP GYRO POOH TO LOG

BHA # : 07				
Qty	Description	O.D. (in)	I.D. (in)	Length (ft)
1	BIT	8.750		1.25
1	MUD MOTOR STRAIGHT	6.750		30.80
1	FLOAT SUB	6.500	2.875	2.04
1	STABILIZER	6.563	2.500	6.94
1	DRILL COLLAR	6.563	2.313	30.97
1	STABILIZER	6.500	2.812	5.04
13	DRILL COLLAR	6.563	2.312	399.73
1	XO	6.500	2.500	3.62
18	HEAVY WT. DRILL PIPE	5.000	3.000	557.26
Buoyed Weight (lbs):		62525	Total Length (ft):	1,037.65
MUD Logging				
Depth (ft):		Max Gas:		
BGG:		Trip Gas:		
CG:		Mud Cut:		
MUD VOLUMES				
DP (bbl):		Reserve Pits (bbl):		
Anulus (bbl):		Active Pits (bbl):		
		LOST (bbl):		

Trip:		5
Bit:		5
Model:	FX55DR	
S/N:	11919262	
MFG:	HALLIBURTON	
Size (in):	8.750	
IADC:		
IN (ft):		
OUT:		
Length (ft):	2923.00	
Hours:	46	
ROP (ft/hr):	64.24	
TFA (1/32in"):	0.0235	
WOB (lbs):		
P/U Wt:	260	
S/O Wt:	250	
RPM:		
ROT Wt:	260	
Torque (ft lbf):	4000.00	
DRAG:		
I:	0	
O:	0	
D:	NO	
L:	A	
B:		
G:	I	
O:	NO	
R:	BHA	

MUD PROPERTIES			
Time:	18:00	Solids:	
Comp:	VENTURE		
Depth (ft):	7.462	Oil:	
Water:	94	10 sec Gel (lb/100ft³):	0
MW (lb/gal):	9.3	10 min Gel (lb/100ft³):	0
VISC (s/qt):	36	30 min Gel (lb/100ft³):	
PV (cP):	7	CA:	200
YP (lb/100ft²):	0	Pm:	1.1
pH:	10.0	Pf:	0.8
Chl:	89000	Ex Lime (lb/bbl):	
WL:	11	Elec Stab:	
HTHP:		MBT:	
FC (1/32"):	1	ECD (lb/gal):	

Mud Used	
Mud Additive	Used
ENGINEERING	1
MF-55	2

SURVEYS					KB Elev (ft):	2,806	GL Elev (ft):	2,778
MD (ft)	Angle	Azim	TVD (ft)	V. Sect. (ft)	+N/-S	+E/-W	D.L.	
FROM	TO	HRS	PH CD	OP CD	Activity Last 24 Hours			
06:00	07:30	1.50	DRILL	OT	CUT AND SLIP DRILL LINE (CUT 16 WRAPS)			
07:30	08:00	0.50	DRILL	SR	RIG SERVICE TOP DRIVE INSP.			
08:00	11:30	3.50	DRILL	TR	TIH F/ 4139' T/ 6800' MONITORING DISPLACEMENT			
11:30	12:30	1.00	DRILL	OT	PULL BELL NIPPLE AND INSTALL HEAD ON STD OF DRILL PIPE AND INSTALL AND TIGHTEN SAME.			
12:30	16:00	3.50	DRILL	WA	WASH AND REAM F/ 6800' T/ 7462' WOB 0-5 RPM 65 400GPM SPP 1085 PSI HAD 12' FILL			
16:00	19:30	3.50	DRILL	DR	DRILLING F/7462' TO 7,653' (191' @54.5 FPH) WOB 10,ROT. 65 TO 75, 615 GPM,2400 PSI.ALARMS SET @ +/-5 BBLs. ROT. HEAD LEAKING			
19:30	21:30	2.00	DRILL	DR	PULL 1 STD. F/7,653' TO 7,563' AND C/O ROTATING HEAD MONITOR WELL @ TRIP TANK			
21:30	02:30	5.00	DRILL	DR	DRILLING F/7,653' TO 8,000' (347' @ 69.4 FPH) WOB 10,ROT. 65 TO 75, 615 GPM,2400 PSI.ALARMS SET @ +/-5 BBLs.			
02:30	03:00	0.50	DRILL	CI	CIRCULATE BOTTOMS UP @ 8,000' ROT. PIPE AND WORK UP/DOWN AND CHECK SHAKERS CLEAN.			
03:00	05:30	2.50	DRILL	TR	FLOW CHECK WELL STATIC PUMP 20 BBL SLUG AND MAKE 14 STD. WIPER TRIP F/ 8,000' TO 6,678' CAL. DIS. 23.8 BBL, ACT. 22.4 BBL. -1.4 BBL.			
24.00		= Total Hours Today						

HYDRAULICS			
Std. Pipe (psi):	2200	Total GPM (Gals/min):	612
		Total SPM:	146
AV(DP) (ft/min):	290.5	AV(DC) (ft/min):	436.6
Jet Vel (ft/s):	261.22	PSI Drop (psi):	567.542
Bit HP (HP):	202.73	HP/in2 (HP/in²):	3.37
	PUMP#1	PUMP#2	PUMP#3
#Cyl:	3	3	
S.L. (in):	12.000	12.000	
Liner Id (in):	6.000	6.000	
SPM:	73	73	
Rod Dia (in):	12.000	12.000	
Eff %:	95	95	
GPM (Gals/min):	306	306	
SLOW PUMP RATES			
Depth (ft):			
SPM:			
PRSR (psi):			
Safety			
Test	Date	Pressure	
BOP:	03/05/2012	3000	
CSG:	03/08/2012	857	
Test MW:		9.8	
Test TVD (ft):		4,284	
Test Prsr (psi):		430	
LOT/FIT:		11.7	
BOP Drill:		03/08/2012	
Fire Drill:			
Evac Drill:			
Safety Meeting:		03/19/2012 05:30	
Spills Reported (Y/N):		N	
Accidents(S)(Y/N):		N	

GENERAL COMMENTS :

DRILL STRING IN HOLE :BHA=1,037.65' 73 STD.=6889.98.'DOUBLE=63.37' DOK=9 TOTAL = 8,000'
MUD MOTOR: 1 STRAIGHT
RIG TUBULARS: 510 JTS 5" DP,6 - 5" HWDP,6 - 8" DC,9 - 6.5" DC
RIG TUBULARS: 9-8" DC,12-5" HWDP,10-6 1/2" DC,245 JTS NOV 5" CORING PIPE
CSG ON LOC: 3 JTS 13 3/8", 9 5/8" = 6 JTS,1 CUT JT.
RIG FUEL USED LAST 24 HRS 1098 GALS, RECVD 0 GALS TOTAL 8469 GALS, TOTAL USED 30,467 GAL.
WATER WELL BBLs USED 0 BBLs. TOTAL USED 8860 BBLs. BRINE 40 BBL USED,273 BBL ON HAND.

FROM	TO	HRS	PH CD	OP CD	Activity Last 24 Hours
05:30	06:00	0.50	DRILL	CI	CIRCULATE HOLE CLEAN AFTER WIPER TRIP
24.00 = Total Hours Today					

WELL:	UNIVERSITY 12-17 #1H	MD (ft):	8,000	TVD (ft):	8,000	DOL:	37	DSS:	29
FIELD:	SOUTH MIDLAND	PROGRESS (ft):				FOREMAN:	CHARLES HENSLEY		
STATE:	TX REAGAN	HRS DRLG:				AFE #:	110DC114542	API #:	4238337579
REGION:	MID-CON REGION	24Hr ROP (ft/hr):		DRLG AFE:	\$4,517,200	AFE Total:	\$9,639,700	CASING (in):	9.625
RIG CONTR:	PATTERSON 240	SPUD DATE:	02/20/2012	RLS DATE:		DAILY	\$104,609	PLAN TD (ft):	14,770
RIG NBR:	PATTERSON 240					DRLG:			
PH NBR:	713-405-1343	SPUD TIME:	06:30	RLS TIME:		DRLG TOT:	\$3,049,319	SHOE TD (ft):	4,284

24 Hrs SUMMARY:	CIRC/COND, DROP GYRO, POOH F/8000' T/SURF, RET GYRO, L/D BHA, R/U SCHLUMBERGER WL, RUN TRIPPLE COMBO,CMR,ECS, AND ADT LOG
CURRENT ACTIVITY:	L/D TOOL F/ RUN #1
FORECAST:	LOG W/SCHLUMBERGER.

BHA # : 07					Trip: 5		MUD PROPERTIES	
Qty	Description	O.D. (in)	I.D. (in)	Length (ft)	Bit:	5	Time:	18:00 Solids:
1	BIT	8.750		1.25	Model:	FX55DR		6.0
1	MUD MOTOR STRAIGHT	6.750		30.80	S/N:	11919262	Comp:	VENTURE MUD CO.
1	FLOAT SUB	6.500	2.875	2.04	MFG:	HALLIBURTON	Depth (ft):	8,000 Oil:
1	STABILIZER	6.563	2.500	6.94	Size (in):	8.750	Water:	94 10 sec Gel (lb/100ft³): 0
1	DRILL COLLAR	6.563	2.313	30.97	IADC:		MW (lb/gal):	9.3 10 min Gel (lb/100ft³): 0
1	STABILIZER	6.500	2.812	5.04	IN (ft):		VISC (s/qt):	34 30 min Gel (lb/100ft³):
13	DRILL COLLAR	6.563	2.312	399.73	OUT (ft):	8000.00	PV (cP):	7 CA: 240
1	XO	6.500	2.500	3.62	Length (ft):	2923.00	YP (lb/100ft³):	0 Pm: 0.9
18	HEAVY WT. DRILL PIPE	5.000	3.000	557.26	Hours:	44	pH:	10.0 Pf: 0.7
Buoyed Weight (lbs): 62525 Total Length (ft): 1,037.65					ROP (ft/hr):	67.20	Chl:	91000 Ex Lime (lb/bbl): 0.04
					TFA (1/32in³):	0.0235	WL:	Elec Stab:
					WOB (lbs):	10.00	HTHP:	14 MBT:
					P/U Wt:	285	FC (1/32"):	1 ECD (lb/gal):
					S/O Wt:	280	Mud Used	
					RPM:		Mud Additive	
					ROT Wt:	280	ENGINEERING	
					Torque (ft lbf):	4000.00	Used	
					DRAG:		1	
					I:	0		
					O:	0		
					D:	NO		
					L:	A		
					B:			
					G:	I		
					O:	NO		
					R:	BHA		

SURVEYS					KB Elev (ft): 2,806		GL Elev (ft): 2,778	
MD (ft)	Angle	Azim	TVD (ft)	V. Sect. (ft)	+N/-S	+E/-W	D.L.	

Safety		
Test	Date	Pressure
BOP:	03/05/2012	3000
CSG:	03/08/2012	857
Test MW:		9.8
Test TVD (ft):		4,284
Test Prsr (psi):		430
LOT/FIT:		11.7
BOP Drill:		03/19/2012
Fire Drill:		
Evac Drill:		
Safety Meeting:		03/20/2012 05:30
Spills Reported (Y/N):		N
Accidents(S)(Y/N):		N

GENERAL COMMENTS :		
DRILL STRING IN HOLE :BHA=0		
MUD MOTOR: N/A		
RIG TUBULARS: 510 JTS 5" DP,6 - 5" HWDP,6 - 8" DC,9 - 6.5" DC		
RENT TUBULARS: 9-8" DC,12-5" HWDP,10-6 1/2" DC,		
CSG ON LOC: 3 JTS 13 3/8", 9 5/8" = 6 JTS,1-CUT JT.		
RIG FUEL USED LAST 24 HRS 627 GALS, RECVD 0 GALS TOTAL 7842 GALS, TOTAL USED 31,094 GAL.		
WATER WELL BBLs USED 136 BBLs, TOTAL USED 8998 BBLs, BRINE 40 BBL USED,233 BBL ON HAND,		

FROM	TO	HRS	PH CD	OP CD	Activity Last 24 Hours
19:30	01:00	5.50	DRILL	LO	RUN IN HOLE SCHLUMBERGER LOGGING TOOLS W/WIRELINE TO MD = 8000' WIRE LINE DEPTH = 8009'. MONITOR WELL AT TRIP TANK (7BBL DISPLACEMENT).
01:00	06:00	5.00	DRILL	LO	LOGGING UP FROM MD = 8000' WIRE LINE DEPTH = 8009' TO SURFACE. RUN TRIPPLE COMBO,CMR,ECS, AND ADT LOGS. WHILE MONITOR WELL AT TRIP TANK (4 BBL FILL DIFF. -3 BBLS).
24.00 = Total Hours Today					

GENERAL COMMENTS :
 DRILL STRING IN HOLE :BHA=0
 MUD MOTOR: N/A
 RIG TUBULARS: 510 JTS 5" DP,6 - 5" HWDP,6 - 8" DC,9 - 6.5" DC
 RENT TUBULARS: 9-8" DC,12-5" HWDP,10-6 1/2" DC,
 CSG ON LOC: 3 JTS 13 3/8", 9 5/8" = 6 JTS,1-CUT JT.
 RIG FUEL USED LAST 24 HRS 314 GALS, RECDV'D 0 GALS TOTAL 7528 GALS, TOTAL USED 31,094 GAL.
 WATER WELL BBLS USED 0 BBLS, TOTAL USED 8998 BBLS, BRINE 40 BBL USED,160 BBL ON HAND.

FROM	TO	HRS	PH CD	OP CD	Activity Last 24 Hours
19:30	21:30	2.00	DRILL	LO	RUN IN HOLE W/WIRELINE SONIC SCANNER LOG TOOL TO 8009' WIRE LINE DEPTH 8000' MD, MONITOR WELL AT TRIP TANK (1BBL DISPLACEMENT)
21:30	03:30	6.00			PULL UP LOGGING UP FROM 8000' TO 7700' AND CHECK SONIC SCANNER TOOL, TOOL WORKING, RECEIVING GOOD DATA, RUN BACK TO BOTTOM. POOH W/WIRELINE LOGGING UP W/SONIC SCANNER, LOG #3 FROM MD = 8000' , WIRE LINE DEPTH = 8009' TO SURFACE. TOOL CALIPERS IN CLOSED POSITION FROM 5280' TO 4950' WIRE LINE DEPTH TO AVOID FRACTURES. MONITOR WELL AT TRIP TANK (LOSS = 1 BBL DIFF = 0BBL).
03:30	04:00	0.50	DRILL	LO	L/D SONIC SCANNER AND MICROIMAGER LOGGING TOOLS.
04:00	06:00	2.00	DRILL	LO	MAKE UP MECHANICAL SIDEWALL CORING TOOLS MONITOR WELL AT TRIP TANK..
24.00 = Total Hours Today					

WELL:	UNIVERSITY 12-17 #1H								
FIELD:	SOUTH MIDLAND	MD (ft):	8,000	TVD (ft):	8,000	DOL:	39	DSS:	31
STATE:	TX REAGAN	PROGRESS (ft):				FOREMAN:	CHARLES HENSLEY		
REGION:	MID-CON REGION	HRS DRLG:				AFE #:	110DC114542	API #:	4238337579
RIG CONTR:	PATTERSON 240	24Hr ROP (ft/hr):		DRLG AFE:	\$4,517,200	AFE Total:	\$9,639,700	CASING (in):	9.625
RIG NBR:	PATTERSON 240	SPUD DATE:	02/20/2012	RLS DATE:		DAILY DRLG:	\$194,326	PLAN TD (ft):	14,770
PH NBR:	713-405-1343	SPUD TIME:	06:30	RLS TIME:		DRLG TOT:	\$3,692,777	SHOE TD (ft):	4,284

24 Hrs SUMMARY:	LOGGING WITH SCHLUMBERGER, TIH CIRCULATE, RUN GYRO
CURRENT ACTIVITY:	FINISH UP RUNNING GYRO
FORECAST:	R/D DOWN WIRELINE, R/U HALIBURTON FOR VSP LOG

BHA # : 08					Trip: 5		MUD PROPERTIES				
Qty	Description		O.D. (in)	I.D. (in)	Length (ft)	Bit:	5				
1	BIT		8.750		1.25	Model:	FX55DR				
14	BIT SUB		6.250	2.875	3.00	S/N:	11919262				
1	DRILL COLLAR		6.563	2.312	430.70	MFG:	HALLIBURTON				
1	XO		6.500	2.500	3.62	Size (in):	8.750				
18	HEAVY WT. DRILL PIPE		5.000	3.000	557.26	IADC:					
						IN (ft):					
						OUT:					
						Length (ft):	2923.00				
						Hours:	44				
						ROP (ft/hr):	67.20				
						TFA (1/32in²):	0.0235				
						WOB (lbs):					
						P/U Wt:	267				
						S/O Wt:	263				
						RPM:					
						ROT Wt:	265				
						Torque (ft lbf):	2578.00				
						DRAG:					
						I:	0				
						O:	0				
						D:	NO				
						L:	A				
						B:					
						G:	I				
						O:	NO				
						R:	BHA				
Buoyed Weight (lbs): 58381 Total Length (ft): 995.83											
MUD Logging											
Depth (ft):			Max Gas:								
BGG:			Trip Gas:								
CG:			Mud Cut:								
MUD VOLUMES											
DP (bbl):		131.00	Reserve Pits (bbl):		429						
Anulus (bbl):		416.00	Active Pits (bbl):		645						
LOST (bbl):											
ENGINEERING								Used 1			

SURVEYS					KB Elev (ft):	2,806	GL Elev (ft):	2,778
MD (ft)	Angle	Azim	TVD (ft)	V. Sect. (ft)	+N/-S	+E/-W	D.L.	

24.00 = Total Hours Today

GENERAL COMMENTS :

DRILL STRING IN HOLE : 74 STDS = 6984.39 DOK = 19.78 BHA=995.83
MUD MOTOR: N/A
RIG TUBULARS: 510 JTS 5" DP,6 - 5" HWDP,6 - 8" DC,9 - 6.5" DC
RENT TUBULARS: 9-8" DC,12-5" HWDP,10-6 1/2" DC,
CSG ON LOC: 3 JTS 13 3/8", 9 5/8" = 6 JTS,1-CUT JT.
RIG FUEL USED LAST 24 HRS 627 GALS, RECVD'0 G GALS TOTAL 6901 GALS, TOTAL USED 31,721 GAL.
WATER WELL BBLs USED 0 BBLs, TOTAL USED 8998 BBLs, BRINE 0 BBL USED,160 BBL ON HAND,

FROM	TO	HRS	PH CD	OP CD	Activity Last 24 Hours
01:00	02:30	1.50	DRILL	CI	CIRCULATE AND CONDITION HOLE PRIOR TO WIRELINE GYRO, BOTTOMS UP 50/50 100SPM TOTAL STROKES = 3995, 388 BBLS, WORK PIPE AND ROTATE W/ 70 RPM & 419 GPM, SHAKER CLEAN.(FLOW CHECK WELL STATIC.)
02:30	03:00	0.50	DRILL	WLRD	RIG UP VES WIRELINE TO RUN GYRO
03:00	06:00	3.00	DRILL	OT	RUN GYRO WITH VES TO 8000' MD, 8009' WIRE LINE MEASUREMENT.SURVEY EVERY 100'
24.00 = Total Hours Today					

WELL:	UNIVERSITY 12-17 #1H	MD (ft):	8,000	TVD (ft):	8,000	DOL:	40	DSS:	32
FIELD:	SOUTH MIDLAND	PROGRESS (ft):				FOREMAN:	CHARLES HENSLEY		
STATE:	TX REAGAN	HRS DRLG:				AFE #:	110DC114542	API #:	4238337579
REGION:	MID-CON REGION	24Hr ROP (ft/hr):		DRLG AFE:	\$4,517,200	AFE Total:	\$9,639,700	CASING (in):	9.625
RIG CONTR:	PATTERSON 240	SPUD DATE:	02/20/2012	RLS DATE:		DAILY	\$96,220	PLAN TD (ft):	14,770
RIG NBR:	PATTERSON 240					DRLG:			
PH NBR:	713-405-1343	SPUD TIME:	06:30	RLS TIME:		DRLG TOT:	\$3,788,997	SHOE TD (ft):	4,284

24 Hrs SUMMARY:	R/D GYRO WIRELINE, CIRCULATE HOLE CLEAN, PULL OUT OF HOLE, R/U HALIBURTON WIRELINE, RUN SEISMIC LOGS, TIH W/ CEMENT STINGER
CURRENT ACTIVITY:	RIH W/CEMENT STINGER
FORECAST:	CEMENT PLUG W/HALIBURTON, POOH AND CIRC TO CLEAN HOLE

BHA # : 09					Trip:		MUD PROPERTIES	
Qty	Description	O.D. (in)	I.D. (in)	Length (ft)	Bit:		Time:	23:00 Solids:
1	MULE SHOE SUB	3.063	1.995	8.00	Model:		Comp:	VENTURE MUD CO.
29	TUBING FOR STINGER	3.063	1.995	910.30	S/N:		Depth (ft):	8,000 Oil:
1	XO	6.563	1.995	1.50	MFG:		Water:	94 10 sec Gel (lb/100ft³):
14	DRILL COLLAR	6.563	2.312	430.70	Size (in):		MW (lb/gal):	9.3 10 min Gel (lb/100ft³):
					IADC:		VISC (s/qt):	34 30 min Gel (lb/100ft³):
					IN (ft):		PV (cP):	8 CA:
					OUT:		YP (lb/100ft³):	1 Pm:
					Length (ft):		pH:	10.0 Pf:
					Hours:		Chl:	91000 Ex Lime (lb/bbl):
					ROP (ft/hr):		WL:	Elec Stab:
					TFA (1/32in²):		HTHP:	17 MBT:
					WOB (lbs):		FC (1/32"): 1	ECD (lb/gal):
					P/U Wt:	210		
					S/O Wt:	205		
					RPM:			
					ROT Wt:			
					Torque (ft lbf):			
					DRAG:			
					I:			
					O:			
					D:			
					L:			
					B:			
					G:			
					O:			
					R:			

Buoyed Weight (lbs): 48724 Total Length (ft): 1,350.50

MUD Logging	
Depth (ft):	Max Gas:
BGG:	Trip Gas:
CG:	Mud Cut:

MUD VOLUMES			
DP (bbl):	131.00	Reserve Pits (bbl):	429
Anulus (bbl):	416.00	Active Pits (bbl):	689
		LOST (bbl):	

SURVEYS						
		KB Elev (ft):	2,806	GL Elev (ft):	2,778	
MD (ft)	Angle	Azim	TVD (ft)	V. Sect. (ft)	+N/-S	+E/-W

FROM	TO	HRS	PH CD	OP CD	Activity Last 24 Hours
06:00	06:30	0.50	DRILL	WLRD	RIG DOWN V.E.S GYRO
06:30	07:00	0.50	DRILL	CI	PUMP SWEEP AROUND CIRCULATE HOLE CLEAN
07:00	08:00	1.00	DRILL	SR	RIG SERVICE AND TOP DRIVE INSPECTION, PREFORM A DROP OBJECT INSPECTION AND KILL PUMPS
08:00	08:30	0.50	DRILL	TR	CHECK FLOW (NO FLOW) PUMP SLUG AND PULL 5 STD'S OUT OF HOLE FOR HALCO SEMESIC LOG, (MONITOR WELL ON TRIP TANK)
08:30	09:00	0.50	DRILL	OT	PULL ROTATING HEAD AND INSTALL TRIP NIPPLE
09:00	13:00	4.00	DRILL	TR	FINISH PULLING OUT OF HOLE FOR HALCO SEMESIC LOG (MONITOR WELL ON TRIP TANK)
13:00	13:30	0.50	DRILL	OT	PULL TRIP NIPPLE, INSTALL WIRE LINE LUBRICATOR
13:30	15:00	1.50	DRILL	WLRD	HOLD PJSM WITH HALLIBURTON AND RIG UP HALLIBURTON SEMESIC LOG
15:00	16:30	1.50	DRILL	LO	RUN IN HOLE WITH HALLIBUTON SEISMIC LOG TO 8000'
16:30	20:00	3.50	DRILL	LO	HALLIBURTON SEISMIC LOG 1ST SHOT 8000' LOGGING UP TO SURFACE TAKING SHOTS EVERY 200'
20:00	22:00	2.00	DRILL	WLRD	R/D HALLIBURTON WIRELINE AND LAY DOWN TOOLS
22:00	22:30	0.50	DRILL	SR	DERRICK/DROPPED OBJECTS INSPECTION

24.00 = Total Hours Today

GENERAL COMMENTS :

HYDRAULICS			
Std. Pipe (psi):	1039	Total GPM (Gals/min):	419
		Total SPM:	100
AV(DP) (ft/min):		AV(DC) (ft/min):	
Jet Vel (ft/s):		PSI Drop (psi):	
Bit HP (HP):		HP/in2 (HP/in²):	
	PUMP#1	PUMP#2	PUMP#3
#Cyl:	3	3	
S.L. (in):	12.000	12.000	
Liner Id (in):	6.000	6.000	
SPM:	50	50	
Rod Dia (in):	12.000	12.000	
Eff %:	95	95	
GPM (Gals/min):	210	210	

SLOW PUMP RATES			
Depth (ft):			
SPM:			
PRSR (psi):			

Safety		
Test	Date	Pressure
BOP:	03/05/2012	3000
CSG:	03/08/2012	857
Test MW:		9.8
Test TVD (ft):		4,284
Test Prsr (psi):		430
LOT/FIT:		11.7
BOP Drill:		03/21/2012
Fire Drill:		
Evac Drill:		
Safety Meeting:		03/23/2012 05:30
Spills Reported (Y/N):		N
Accidents(S)(Y/N):		N

DRILL STRING IN HOLE : 75 STDs = 6984.39 DOK = 19.78 BHA=919.3(29 JTS 2 3/8"W/STINGER AND MULE SHOE)

MUD MOTOR: N/A

RIG TUBULARS: 510 JTS 5" DP, 6 - 5" HWDP, 6 - 8" DC, 9 - 6.5" DC

RENT TUBULARS: 9-8" DC, 12-5" HWDP, 10-6 1/2" DC,

CSG ON LOC: 3 JTS 13 3/8" , 9 5/8" = 6 JTS, 1-CUT JT.

RIG FUEL USED LAST 24 HRS 471 GALS, RECV'D 0 GALS TOTAL 6430 GALS, TOTAL USED 32,192 GAL.

WATER WELL BBLS USED 0 BBLS, TOTAL USED 8998 BBLS, BRINE 0 BBL USED, 160 BBL ON HAND,

FROM	TO	HRS	PH CD	OP CD	Activity Last 24 Hours
22:30	00:00	1.50	DRILL	FE	INSPECT AND SERVICE TOP DRIVE. HIGH TEMP, BLOWER ALARMS ON A & B MOTORS. TECH ON LOCATION.
00:00	00:30	0.50	DRILL	TR	PRE-JOB SAFETY MEETING WITH ALL PARTIES BEFORE TIH W/CEMENT STINGER W/BYRD CASING TECHNICIAN.
00:30	02:30	2.00	DRILL	TR	LAY OUT TOOLS FOR CEMENT STINGER. MAKE UP AND TIH BHA#9 SPEAR W/MULE SHOE=8.00', 29JTS 2 3/8" EUE 8RD TUBING=910.3', 4 1/2" IF MOD. BOX x 2 3/8" EUE 8RD PIN XO = 1.5', TOTAL LENGTH OF CEMENT STINGER BHA#9 = 919.8' THOMAS TOOLS RENTAL TUBING STRING & TOOLS, MAKE UP BY BYRD CASING TECHNICIAN. WHILE MONITOR WELL @ TRIP TANK.
02:30	03:00	0.50	DRILL	TR	RIG DOWN 2 3/8" TUBING TOOLS
03:00	06:00	3.00	DRILL	TR	CONTINUE TIH BHA#9 2 3/8" CEMENT STINGER ASSEMBLY. WHILE MONITOR WELL @ TRIP TANK.
24.00 = Total Hours Today					

WELL:	UNIVERSITY 12-17 #1H								
FIELD:	SOUTH MIDLAND	MD (ft):	8,000	TVD (ft):	8,000	DOL:	41	DSS:	33
STATE:	TX REAGAN	PROGRESS (ft):				FOREMAN:	CHARLES HENSLEY		
REGION:	MID-CON REGION	HRS DRLG:				AFE #:	110DC114542	API #:	4238337579
RIG CONTR:	PATTERSON 240	24Hr ROP (ft/hr):		DRLG AFE:	\$4,517,200	AFE Total:	\$9,639,700	CASING (in):	9.625
RIG NBR:	PATTERSON 240	SPUD DATE:	02/20/2012	RLS DATE:		DAILY DRLG:	\$110,727	PLAN TD (ft):	14,770
PH NBR:	713-405-1343	SPUD TIME:	06:30	RLS TIME:		DRLG TOT:	\$3,899,724	SHOE TD (ft):	6.48

24 Hrs SUMMARY:	CIRCULATE AND CONDDITION,PUMP HIGH VIS SWEEP, WAITING ON HALLILBURTION,RIG UP HALIBURTON, PUMP CEMENT PLUG
CURRENT ACTIVITY:	FINISH L/D TUBING
FORECAST:	TEST BOP, LAY DOWN COLLARS, PICKUP DIRECTIONAL TOOLS

BHA # : 09				
Qty	Description	O.D. (in)	I.D. (in)	Length (ft)
1	MULE SHOE SUB	3.063	1.995	8.00
29	TUBING FOR STINGER	3.063	1.995	910.30
1	XO	6.563	1.995	1.50
Buoyed Weight (lbs): 11478 Total Length (ft): 919.80				
MUD Logging				
Depth (ft):		Max Gas:		
BGG:		Trip Gas:		
CG:		Mud Cut:		
MUD VOLUMES				
DP (bbl):		Reserve Pits (bbl):		
Annulus (bbl):		Active Pits (bbl):		
		LOST (bbl):		

Trip:		
Bit:		
Model:		
S/N:		
MFG:		
Size (in):		
IADC:		
IN (ft):		
OUT:		
Length (ft):		
Hours:		
ROP (ft/hr):		
TFA (1/32in ²):		
WOB (lbs):		
P/U Wt:	210	
S/O Wt:	200	
RPM:		
ROT Wt:	205	
Torque (ft lbf):	2000.00	
DRAG:		
I:		
O:		
D:		
L:		
B:		
G:		
O:		
R:		

MUD PROPERTIES			
Time:	23:00	Solids:	1.3
Comp:	VENTURE MUD CO.		
Depth (ft):	8,000	Oil:	
Water:	94	10 sec Gel (lb/100ft ²):	0
MW (lb/gal):	9.4	10 min Gel (lb/100ft ²):	0
VISC (s/qt):	34	30 min Gel (lb/100ft ²):	
PV (cP):	8	CA:	200
YP (lb/100ft ²):	0	Pm:	0.9
pH:	10.0	Pf:	0.5
Chl:	92000	Ex Lime (lb/bbl):	0.10
WL:	Elec Stab:		
HTHP:	18	MBT:	
FC (1/32"):	1	ECD (lb/gal):	

Mud Used	
Mud Additive	Used
ENGINEERING	1

[illegible]

GENERAL COMMENTS :

DRILL STRING IN HOLE : 75 STDS = 6984.39 DOK = 19.78 BHA=919.3/(29 JTS 2 3/8"W/STINGER AND MULE SHOE)
MUD MOTOR: N/A
RIG TUBULARS: 510 JTS 5" DP,6 - 5" HWDP,6 - 8" DC,9 - 6.5" DC
RENT TUBULARS: 9-8" DC, 12-5" HWDP, 10-6 1/2" DC,
CSG ON LOC: 3 JTS 13 3/8", 9 5/8" = 6 JTS, 1-CUT JT.
RIG FUEL USED LAST 24 HRS 470 GALS, RECVD 5175 GALS TOTAL 11,135 GALS, TOTAL USED 32,662 GAL.
WATER WELL BBLs USED 257 BBLs. TOTAL USED 9255 BBLs. BRINE 0 BBL USED,160 BBL ON HAND.

FROM	TO	HRS	PH CD	OP CD	Activity Last 24 Hours
20:00	21:00	1.00	DRILL	CM	PUMPED 27BBLS FRESH WATER AHEAD OF CEMENT @ 3BBLS PER MINUTE @208 PSI, MIX AND PUMP 380 SACKS OF CEMENT @ 17.5PPG. 3BBLS PER MINUTE @167PSI, PUMPED 7BBLS FRESHWATER BEHIND CEMENT @3BBLS PER MINUTE @86PSI. DISPLACED WITH 84BBLS OF 9.4PPG MUD @ 4BBLS PER MINUTE @62PSI
21:00	21:30	0.50	DRILL	TR	PULLED 10STDS @ 1-1/2STDS PER MINUTE TO 6485'
21:30	23:30	2.00	DRILL	CI	CIRC 2 BU WATCHING FOR CEMENT IN RETURNS. RIG DOWN HALLIBURTON.
23:30	04:00	4.50	DRILL	TR	POOH FROM 6484' TO 920' WHILE MONITOR WELL @ TRIP TANK ACTUAL = 54BBLS CALC = 40BBLS (DIFF = 14BBLS DUE TO CEMENT FALL)
04:00	04:30	0.50	DRILL	TR	HELD PJSM WITH BYRD CASING HAND RIG UP BAILS, ELEVATORS, AND POWER TONGS TO LAY DOWN TUBING FOR CEMENT STINGER
04:30	06:00	1.50	DRILL	TR	LAY DOWN 29JTS 2 3/8" EUE 8RD TUBING=910.3', 4 1/2" IF MOD. BOX x 2 3/8" EUE 8RD PIN XO = 1.5', TOTAL LENGTH BHA#9 = 919.8' THOMAS TOOLS RENTAL TUBING STRING & TOOLS, BREAK DOWN BY BYRD CASING TECHNICIAN. WHILE MONITOR WELL @ TRIP TANK.
24.00 = Total Hours Today					

WELL:	UNIVERSITY 12-17 #1H								
FIELD:	SOUTH MIDLAND	MD (ft):	6,600	TVD (ft):	6,600	DOL:	42	DSS:	34
STATE:	TX REAGAN	PROGRESS (ft):				FOREMAN:	CHARLES HENSLEY		
REGION:	MID-CON REGION	HRS DRLG:				AFE #:	110DC114542	API #:	4238337579
RIG CONTR:	PATTERSON 240	24Hr ROP (ft/hr):		DRLG AFE:	\$4,517,200	AFE Total:	\$9,639,700	CASING (in):	9.625
RIG NBR:	PATTERSON 240	SPUD DATE:	02/20/2012	RLS DATE:		DAILY DRLG:	\$43,661	PLAN TD (ft):	14,770
PH NBR:	713-405-1343	SPUD TIME:	06:30	RLS TIME:		DRLG TOT:	\$3,943,385	SHOE TD (ft):	6.48

24 Hrs SUMMARY:	TEST BOPS, LAY DOWN DRILL COLLARS, REPAIR TOP DRIVE, PICK UP BHA, TIH
CURRENT ACTIVITY:	TIH WITH DIRECTIONAL ASSEMBLY CURRENT BIT DEPTH @ 4509'
FORECAST:	FINISH TIH TO CEMENT PLUG AND DRESS OFF CEMENT TO KOP 6600'

BHA # : 10					Trip:		8	
Qty	Description	O.D. (in)	I.D. (in)	Length (ft)	Bit:			
1	BIT	8.750		1.00	Model:	GX28		
1	MUD MOTOR 2.12 BENT HOUSING	6.793		28.79	S/N:	5205631		
1	FLOAT SUB	6.750	2.754	3.09	MFG:	HUGHES		
1	OTHER BHA ITEM	6.625	2.680	1.95	Size (in):	8.750		
1	MWD TOOL	6.688	2.785	19.61	IADC:			
1	MWD TOOL	6.750	2.650	10.73	IN (ft):			
1	FLEX MONEL	6.875	3.100	30.68	OUT:			
24	DRILL PIPE	5.000	4.276	755.88	Length (ft):			
18	HEAVY WT. DRILL PIPE	5.000	3.000	557.26	Hours:			
					ROP (ft/hr):			
					TFA (1/32in²):	0.0233		
					WOB (lbs):			
					P/U Wt:			
					S/O Wt:			
					RPM:			
					ROT Wt:			
					Torque (ft lbf):			
					DRAG:			
					I:			
					O:			
					D:			
					L:			
					B:			
					G:			
					O:			
					R:			
Buoyed Weight (lbs): 40816 Total Length (ft): 1,408.99								
MUD Logging								
Depth (ft):		Max Gas:						
BGG:		Trip Gas:						
CG:		Mud Cut:						
MUD VOLUMES								
DP (bbl): 1331.00		Reserve Pits (bbl):		429				
Anulus (bbl): 416.00		Active Pits (bbl):		665				
		LOST (bbl):						
MUD PROPERTIES								
Time:		23:00		Solids:		7.0		
Comp:		VENTURE MUD CO.						
Depth (ft): 8,000		Oil:						
Water:		93		10 sec Gel (lb/100ft³):		0		
MW (lb/gal): 9.5		10 min Gel (lb/100ft³):		0				
VISC (s/qt): 35		30 min Gel (lb/100ft³):						
PV (cP): 8		CA:		280				
YP (lb/100ft²): 1		Pm:		1.3				
pH: 10.0		Pf:		0.6				
Chl: 91000		Ex Lime (lb/bbl):		0.18				
WL:		Elec Stab:						
HTHP:		20		MBT:				
FC (1/32"):		1		ECD (lb/gal):				
Mud Used								
Mud Additive						Used		
ENGINEERING						1		

SURVEYS				KB Elev (ft):	2,806	GL Elev (ft):	2,778
MD (ft)	Angle	Azim	TVD (ft)	V. Sect. (ft)	+N/-S	+E/-W	D.L.

FROM	TO	HRS	PH CD	OP CD	Activity Last 24 Hours
06:00	11:00	5.00	DRILL	TE	PJSM,RIG UP TESTERS,TEST LOWER PIPE RAMS,250/ LOW 3000/HIGH, TEST UPPER PIPE RAMS,HCR & INSIDE KILL LINE VALVE 250/LOW 3000/HIGH, TEST INSIDE CHOKE LINE VAVLE 250/LOW 3000/HIGH, TEST ANNULAR 250/LOW 1500/HIGH, TEST BLIND RAMS 250/LOW 3000/HIGH, TEST DART AND TIW VALVES 250/LOW 4000/HIGH, TEST KELLY COCK & IBOP 250/ LOW 4000/HIGH, TEST STAND PIPE VALVES & MUD LINES TO PUMP 250/LOW 4000/HIGH,RIG DOWN SAME
11:00	11:30	0.50	DRILL	OT	INSTALL WEAR BUSHING,LOCK DOWN SAME,CLOSE CASING VALVE & VERIFIED BY COMP. REP.
11:30	12:30	1.00	DRILL	TR	TRIP IN HOLE WITH 14 DRILL COLLARS CALC =21BBLs ACTUAL =16BBLs DIFF = 5BBLs DUE TO BOP'S BEING DRAINED
12:30	15:00	2.50	DRILL	TR	LAY DOWN 14 DRILL COLLARS CALC = 21BBLs ACTUAL =21BBLs DIFF = 0BBLs
15:00	21:30	6.50	DRILL	FE	REPAIR TOP DRIVE CHANGE OUT 42 PIN COMPOSITE CABLE. REPAIR TESTED GOOD.

24.00 = Total Hours Today

HYDRAULICS			
Std. Pipe (psi):		Total GPM (Gals/min):	0
		Total SPM:	0
AV(DP) (ft/min):		AV(DC) (ft/min):	
Jet Vel (ft/s):	0.00	PSI Drop (psi):	0.000
Bit HP (HP):	0.00	HP/in ² (HP/in ²):	0.00
	PUMP#1	PUMP#2	PUMP#3
#Cyl:	3	3	
S.L. (in):	12.000	12.000	
Liner Id (in):	6.000	6.000	
SPM:			
Rod Dia (in):	12.000	12.000	
Eff %:	95	95	
GPM (Gals/min):			

SLOW PUMP RATES			
Depth (ft):			
SPM:			
PRSR (psi):			

Safety		
Test	Date	Pressure
BOP:	03/24/2012	3000
CSG:	03/08/2012	857

Test MW:	9.8
Test TVD (ft):	4,284
Test Prsr (psi):	430
LOT/FIT:	11.7
BOP Drill:	03/21/2012
Fire Drill:	
Evac Drill:	
Safety Meeting:	03/25/2012 05:30
Spills Reported (Y/N):	N
Accidents(S)(Y/N):	N

GENERAL COMMENTS :

DRILL STRING IN HOLE : BHA=1408.99, 32STDS = 3210', DOK = 9 TOTAL = 4627.99'
MUD MOTOR: 2.12 DEGREE BENT HOUSING,BIT BEND 8,26 ,LOBE 6/7
RIG TUBULARS: 510 JTS 5" DP,6 - 5" HWDP,6 - 8" DC,9 - 6.5" DC
RENT TUBULARS: 9-8" DC,12-5" HWDP,10-6 1/2" DC,
CSG ON LOC: 3 JTS 13 3/8", 9 5/8" = 6 JTS,1-CUT JT.
RIG FUEL USED LAST 24 HRS 627 GALS, RECV'D 0 GALS TOTAL 10508 GALS, TOTAL USED 33289 GALS.
WATER WELL BBLs USED 0 BBLs. TOTAL USED 9255 BBLs. BRINE 0 BBL USED 460 BBL ON HAND.

FROM	TO	HRS	PH CD	OP CD	Activity Last 24 Hours
21:30	23:00	1.50	DRILL	TR	PU DIRECTIONAL TOOLS DRILLING 6.793" OD. (4.5"REG X 4.5"IF) MOTOR, 6.75"OD. 2.754"ID. (4.5"IF) FLOAT SUB, 6.625"OD. 2.68"ID. (4.5"IF) DOUBLE PIN, 6.75"OD. 2.65"ID. (4.5"IF) MWD EMITTER SUB, 6.6875"OD. 2.785"ID. (4.5"IF) MWD TOOL CARRIER, 6.875"OD. 3.1"ID. (4.5"IF) FLEXNMDC.
23:00	23:30	0.50	DRILL	TR	TEST MOTOR. TEST GOOD.
23:30	00:00	0.50	DRILL	TR	POOH TO MAKE UP HUGHES GX28 (3-16) TRI CONE BIT SERIAL # 5205631 RIH TO ORIENT MWD.
00:00	03:00	3.00	DRILL	TR	PICK UP MWD AND ORIENT MWD TOOL CARRIER/EMITTER TO MWD MOTOR
03:00	06:00	3.00	DRILL	TR	TIH WITH BHA#10 DIRECTIONAL CURVE ASSEMBLY F/ SURFACE TO 4509'. (ESTIMATED TOP OF CEMENT @6453'.) MONITOR WELL @ TRIP TANK ACTUAL = 66.51BBLS, CALC = 72.8BBLS, DIFF = -6.49BBLS.
24.00 = Total Hours Today					

WELL:	UNIVERSITY 12-17 #1H								
FIELD:	SOUTH MIDLAND	MD (ft):	6,709	TVD (ft):	6,709	DOL:	43	DSS:	35
STATE:	TX REAGAN	PROGRESS (ft):	9			FOREMAN:	CHARLES HENSLEY		
REGION:	MID-CON REGION	HRS DRLG:	9.50			AFE #:	110DC114542	API #:	4238337579
RIG CONTR:	PATTERSON 240	24Hr ROP (ft/hr):	0.95	DRLG AFE:	\$4,517,200	AFE Total:	\$9,639,700	CASING (in):	9.625
RIG NBR:	PATTERSON 240	SPUD DATE:	02/20/2012	RLS DATE:		DAILY DRLG:	\$77,698	PLAN TD (ft):	14,770
PH NBR:	713-405-1343	SPUD TIME:	06:30	RLS TIME:		DRLG TOT:	\$4,021,083	SHOE TD (ft):	6,485

24 Hrs SUMMARY:	TIH TO CEMENT PLUG AND DRESS OFF CEMENT TO KOP 6700', TIME DRILL TO 6,709
CURRENT ACTIVITY:	TIME DRILLING @6,009
FORECAST:	TIME DRILL UNTIL KICKED OFF BUILD CURVE

BHA # : 10				
Qty	Description	O.D. (in)	I.D. (in)	Length (ft)
1	BIT	8.750		1.00
1	MUD MOTOR 2.12 BENT HOUSING	6.793		28.79
1	FLOAT SUB	6.750	2.754	3.09
1	OTHER BHA ITEM	6.625	2.680	1.95
1	MWD TOOL	6.688	2.785	19.61
1	MWD TOOL	6.750	2.650	10.73
1	FLEX MONEL	6.875	3.100	30.68
24	DRILL PIPE	5.000	4.276	755.88
18	HEAVY WT. DRILL PIPE	5.000	3.000	557.26
Buoyed Weight (lbs): 40889 Total Length (ft): 1,408.99				
MUD Logging				
Depth (ft):		Max Gas:		
BGG:		Trip Gas:		
CG:		Mud Cut:		
MUD VOLUMES				
DP (bbl): 1331.00		Reserve Pits (bbl):		460
Anulus (bbl): 416.00		Active Pits (bbl):		665
		LOST (bbl):		

Trip:	8
Bit:	
Model:	GX28
S/N:	5205631
MFG:	HUGHES
Size (in):	8.750
IADC:	
IN (ft):	
OUT:	
Length (ft):	9.00
Hours:	10
ROP (ft/hr):	0.95
TFA (1/32in²):	0.0233
WOB (lbs):	8.00
P/U Wt:	225
S/O Wt:	200
RPM:	87
ROT Wt:	220
Torque (ft lbf):	2000.00
DRAG:	
I:	
O:	
D:	
L:	
B:	
G:	
O:	
R:	

MUD PROPERTIES			
Time:	23:00	Solids:	6.5
Comp:	VENNTURE MUD CO.		
Depth (ft):	6,702	Oil:	
Water:	94	10 sec Gel (lb/100ft³):	0
MW (lb/gal):	9.4	10 min Gel (lb/100ft³):	0
VISC (s/qt):	33	30 min Gel (lb/100ft³):	
PV (cP):	8	CA:	320
YP (lb/100ft³):	0	Pm:	2.0
pH:	12.0	Pf:	1.1
Chl:	90000	Ex Lime (lb/bbl):	0.23
WL:	Elec Stab:		
HTHP:	20	MBT:	
FC (1/32"):	1	ECD (lb/gal):	

Mud Used	
Mud Additive	Used
ENGINEERING	1

SURVEYS					KB Elev (ft):	2,806	GL Elev (ft):	2,778
MD (ft)	Angle	Azim	TVD (ft)	V. Sect. (ft)	+N/-S	+E/-W	D.L.	
FROM	TO	HRS	PH CD	OP CD	Activity Last 24 Hours			
06:00	07:00	1.00	DRILL	TR	FINISH TIH WITH BHA#10 DIRECTIONAL CURVE ASSEMBLY F/ SURFACE FROM 4,509' TO 6,126'. MONITOR WELL @ TRIP TANK ACTUAL = 11.5 BBLS, CALC =132 BBLS, DIFF = 20.5BBLS.			
07:00	07:30	0.50	DRILL	OT	PULL BELL NIPPLE AND INSTALL ROTATING HEAD			
07:30	08:00	0.50	DRILL	TR	FINISH TIH TO 6,220'			
08:00	11:00	3.00	DRILL	WA	WASH AND REAM F/ 6220 TO 6507' START TAKING WT 0-3 K CALL TOP OF CEMENT @ 6507' CONTINUE WASH & REAM TO 6571, HARD CEMENT, W/ 10 K @ 6591 PICK UP AND SHUT DOWN PUMPS & ROTATION SET DOWN 30 K GOOD HARD CEMENT , CONTINUE WASH& REAM TO 6600'			
11:00	16:00	5.00	DRILL	DC	TIME DRILL, SLACK OFF 1" EVERY 5 MIN TOOL FACE 3R, 121.8 FROM 6,600' TO 6,604' WOB=2 SPM=70 GPM=300 PSI=605 99% CEMENT & 1% SHALE			
16:00	20:30	4.50	DRILL	DC	DRILL CEMENT TO CORRECTED KOP F/6604 T/6700' WITH 295 GPM, 40 RPM, 8.5K ON BIT			
20:30	06:00	9.50	DRILL	DR	TIME DRILL @ 1" EVERY 5 MINS TOOL FACE 1 RIGHT F/6700' T/6709' WOB=2.5 SPM=72 GPM=301 PSI= 638. MUDLOGGER REPORTING 90% CEMENT 10 % SHALE RETURNS @06:00 NO SIGNS OF FORMATION. SAMPLES MEDIUM TO DARK GRAY, SOFT-BRITTLE, MODERATELY FIRM IN PART.			

HYDRAULICS			
Std. Pipe (psi):	710	Total GPM (Gals/min): 3000	
		72	
AV(DP) (ft/min):		AV(DC) (ft/min):	
Jet Vel (ft/s):	129.10	PSI Drop (psi): 140.121	
Bit HP (HP):	24.54	HP/in2 (HP/in²): 0.41	
	PUMP#1	PUMP#2	PUMP#3
#Cyl:	3	3	
S.L. (in):	12.000	12.000	
Liner Id (in):	6.000	6.000	
SPM:	72		
Rod Dia (in):	12.000	12.000	
Eff %:	95	95	
GPM (Gals/min):	300		
SLOW PUMP RATES			
Depth (ft):			
SPM:			
PRSR (psi):			
Safety			
Test	Date	Pressure	
BOP:	03/24/2012	3000	
CSG:	03/08/2012	857	
Test MW:		9.8	
Test TVD (ft):		4,284	
Test Prsr (psi):		430	
LOT/FIT:		11.7	
BOP Drill:		03/21/2012	
Fire Drill:			
Evac Drill:			
Safety Meeting:		03/26/2012 05:30	
Spills Reported (Y/N):		N	
Accidents(S)(Y/N):		N	

24.00 = Total Hours Today

GENERAL COMMENTS :

DRILL STRING IN HOLE : BHA=1408.99, 56STDs =5283.79', DOK = 16.21 TOTAL = 6,708.99'
MUD MORTAR : 2.12 DEGREE BENT HOUSING,BIT BEND 6.26 ,LOBE 6/7
RIG TUBULARS: 510 JTS 5" DP,6 - 5" HWDP,6 - 8" DC,9 - 6.5" DC
RENT TUBULARS: 9-8" DC, 12-5" HWDP, 10-6 1/2" DC,
CSG ON LOC: 3 JTS 13 3/8", 9 5/8" = 6 JTS, 1-CUT JT.
RIG FUEL USED LAST 24 HRS 784 GALS, RECVD 0 GALS TOTAL 9724 GALS, TOTAL USED 34073 GALS.
WATER WEL BBLs USED 355 BBLs, TOTAL USED 9610 BBLs, BRINE 0 BBL USED,471 BBL ON HAND.

WELL:	UNIVERSITY 12-17 #1H								
FIELD:	SOUTH MIDLAND	MD (ft):	6,738	TVD (ft):	6,738	DOL:	44	DSS:	36
STATE:	TX REAGAN	PROGRESS (ft):	29			FOREMAN:	CHARLES HENSLEY		
REGION:	MID-CON REGION	HRS DRLG:	24.00			AFE #:	110DC114542	API #:	4238337579
RIG CONTR:	PATTERSON 240	24Hr ROP (ft/hr):	1.21	DRLG AFE:	\$4,517,200	AFE Total:	\$9,639,700	CASING (in):	9.625
RIG NBR:	PATTERSON 240	SPUD DATE:	02/20/2012	RLS DATE:		DAILY DRLG:	\$60,389	PLAN TD (ft):	14,770
PH NBR:	713-405-1343	SPUD TIME:	06:30	RLS TIME:		DRLG TOT:	\$4,082,339	SHOE TD (ft):	6.48

24 Hrs SUMMARY:	TIME DRILL F/ 6709' T/ 6738'
CURRENT ACTIVITY:	TIME DRILLING @ 6738'
FORECAST:	TIME DRILL UNTIL KICKED OFF BUILD CURVE

BHA # : 10				
Qty	Description	O.D. (in)	I.D. (in)	Length (ft)
1	BIT	8.750		1.00
1	MUD MOTOR 2.12 BENT HOUSING	6.793		28.79
1	FLOAT SUB	6.750	2.754	3.09
1	OTHER BHA ITEM	6.625	2.680	1.95
1	MWD TOOL	6.688	2.785	19.61
1	MWD TOOL	6.750	2.650	10.73
1	FLEX MONEL	6.875	3.100	30.68
24	DRILL PIPE	5.000	4.276	755.88
18	HEAVY WT. DRILL PIPE	5.000	3.000	557.26
Buoyed Weight (lbs): 41035 Total Length (ft): 1,408.99				
MUD Logging				
Depth (ft):		Max Gas:		
BGG:		Trip Gas:		
CG:		Mud Cut:		
MUD VOLUMES				
DP (bbl):		Reserve Pits (bbl):		749
Anulus (bbl):		Active Pits (bbl):		781
		LOST (bbl):		

Trip:		8
Bit:		8
Model:	GX28	
S/N:	5205631	
MFG:	HUGHES	
Size (in):	8.750	
IADC:		
IN (ft):		
OUT:		
Length (ft):	38.00	
Hours:	34	
ROP (ft/hr):	1.13	
TFA (1/32in"):	0.0233	
WOB (lbs):	8.00	
P/U Wt:	230	
S/O Wt:	220	
RPM:	87	
ROT Wt:	225	
Torque (ft lbf):	2000.00	
DRAG:		
I:		
O:		
D:		
L:		
B:		
G:		
O:		
R:		

MUD PROPERTIES			
Time:	19:50	Solids:	5.0
Comp:	VENTURE MUD CO.		
Depth (ft):	6,717	Oil:	
Water:	95	10 sec Gel (lb/100ft³):	0
MW (lb/gal):	9.2	10 min Gel (lb/100ft³):	0
VISC (s/qt):	29	30 min Gel (lb/100ft³):	
PV (cP):	4	CA:	360
YP (lb/100ft²):	0	Pm:	4.0
pH:	14.0	Pf:	1.4
Chl:	86000	Ex Lime (lb/bbl):	0.66
WL:	Elec Stab:		
HTHP:	0	MBT:	
FC (1/32"):	1	ECD (lb/gal):	

Mud Used	
Mud Additive	Used
ENGINEERING	1

SURVEYS					KB Elev (ft):	2,806	GL Elev (ft):	2,778
MD (ft)	Angle	Azim	TVD (ft)	V. Sect. (ft)	+N/-S	+E/-W	D.L.	
FROM	TO	HRS	PH CD	OP CD	Activity Last 24 Hours			
06:00	13:30	7.50	DRILL	DR	TIME DRILL @ 1" EVERY 5 MINS TOOL FACE 1 RIGHT F/6,709' T/6,714' WOB=2.5 SPM=72 GPM=301 PSI= 603. MUDLOGGER REPORTING 30% CEMENT 70% SHALE			
13:30	06:00	16.50	DRILL	DR	TIME DRILL @ 2" EVERY 5 MINS TOOL FACE 1 RIGHT F/6,714' T/6,738' WOB=2.5-6 SPM=77 GPM=322 PSI= 668. MUDLOGGER REPORTING 10% CEMENT, 10% DOLOMITE, 80% SHALE			
		24.00	= Total Hours Today					

HYDRAULICS			
Std. Pipe (psi):	686	Total GPM (Gals/min):	322
		Total SPM:	77
AV(DP) (ft/min):		AV(DC) (ft/min):	
Jet Vel (ft/s):	138.57	PSI Drop (psi):	157.991
Bit HP (HP):	29.69	HP/in2 (HP/in²):	0.49
	PUMP#1	PUMP#2	PUMP#3
#Cyl:	3	3	
S.L. (in):	12.000	12.000	
Liner ID (in):	6.000	6.000	
SPM:	77		
Rod Dia (in):	12.000	12.000	
Eff %:	95	95	
GPM (Gals/min):	322		
SLOW PUMP RATES			
Depth (ft):			
SPM:			
PRSR (psi):			
Safety			
Test	Date	Pressure	
BOP:	03/24/2012	3000	
CSG:	03/08/2012	857	
Test MW:		9.8	
Test TVD (ft):		4,284	
Test Prsr (psi):		430	
LOT/FIT:		11.7	
BOP Drill:		03/21/2012	
Fire Drill:			
Evac Drill:			
Safety Meeting:		03/27/2012 05:30	
Spills Reported (Y/N):		N	
Accidents(S)(Y/N):			

GENERAL COMMENTS :

DRILL STRING IN HOLE : BHA=1408.99, 56STDS =5283.79', 1 SINGLE = 31.40, DOK =14 TOTAL = '6738.19
MUD MOTOR: 2.12 DEGREE BENT HOUSING,BIT BEND 6.26 ,LOBE 6/7
RIG TUBULARS: 510 JTS 5" DP,6 - 5" HWDP,6 - 8" DC,9 - 6.5" DC
RENT TUBULARS: 9-8" DC,12-5" HWDP,10-6 1/2" DC,
CSG ON LOC: 3 JTS 13 3/8"
RIG FUEL USED LAST 24 HRS 785 GALS, RECVD 0 GALS TOTAL 8939 GALS, TOTAL USED 34858 GAL.
WATER WELL BBLs USED 315 BBLs. TOTAL USED 9925 BBLs. BRINE 471 BBL ON HAND.

WELL:	UNIVERSITY 12-17 #1H	MD (ft):	7,063	TVD (ft):	6,975	DOL:	45	DSS:	37
FIELD:	SOUTH MIDLAND	PROGRESS (ft):	325			FOREMAN:	ROBERT JOHNSON		
STATE:	TX REAGAN	HRS DRLG:	23.50			AFE #:	110DC114542	API #:	4238337579
REGION:	MID-CON REGION	24Hr ROP (ft/hr):	13.83	DRLG AFE:	\$4,517,200	AFE Total:	\$9,639,700	CASING (in):	9.625
RIG CONTR:	PATTERSON 240	SPUD DATE:	02/20/2012	RLS DATE:		DAILY	\$57,333	PLAN TD (ft):	14,770
RIG NBR:	PATTERSON 240					DRLG:			
PH NBR:	713-405-1343	SPUD TIME:	06:30	RLS TIME:		DRLG TOT:	\$4,139,672	SHOE TD (ft):	6,485

24 Hrs SUMMARY:	TIME DRILLING F/6752' T/6770',SLIDE DRILLING F/6770' T/ 7063 CIRCULATING RESERVE PIT
CURRENT ACTIVITY:	BUILDING CURVE @ 7063'
FORECAST:	FINISH BUILDING CURVE

BHA # : 10					Trip:		8
Qty	Description	O.D. (in)	I.D. (in)	Length (ft)	Bit:	8	
1	BIT	8.750		1.00	Model:	GX28	
1	MUD MOTOR 2.12 BENT HOUSING	6.793		28.79	S/N:	5205631	
1	FLOAT SUB	6.750	2.754	3.09	MFG:	HUGHES	
1	OTHER BHA ITEM	6.625	2.680	1.95	Size (in):	8.750	
1	MWD TOOL	6.688	2.785	19.61	IADC:		
1	MWD TOOL	6.750	2.650	10.73	IN (ft):		
1	FLEX MONEL	6.875	3.100	30.68	OUT:		
24	DRILL PIPE	5.000	4.276	755.88	Length (ft):	363.00	
18	HEAVY WT. DRILL PIPE	5.000	3.000	557.26	Hours:	57	
Buoyed Weight (lbs): 41035 Total Length (ft): 1,408.99					ROP (ft/hr):	6.37	
					TFA (1/32in ²):	0.0233	
					WOB (lbs):	30.00	
					P/U Wt:	204	
					S/O Wt:	201	
					RPM:	87	
					ROT Wt:	202	
					Torque (ft lbf):	1088.00	
					DRAG:		
					MUD Logging		
Depth (ft):		Max Gas:					
BGG:		Trip Gas:					
CG:		Mud Cut:					
MUD VOLUMES							
DP (bbl):	115.00	Reserve Pits (bbl):	749				
Anulus (bbl):	349.00	Active Pits (bbl):	791				
		LOST (bbl):					

MUD PROPERTIES			
Time:	19:00	Solids:	5.1
Comp:	VENTURE MUD CO.		
Depth (ft):	6,801	Oil:	
Water:	95	10 sec Gel (lb/100ft ³):	0
MW (lb/gal):	9.2	10 min Gel (lb/100ft ³):	0
VISC (s/qt):	28	30 min Gel (lb/100ft ³):	
PV (cP):	1	CA:	320
YP (lb/100ft ³):	0	Pm:	3.5
pH:	14.0	Pf:	1.0
Chl:	85000	Ex Lime (lb/bbl):	0.63
WL:		Elec Stab:	
HTHP:	0	MBT:	
FC (1/32"):		ECD (lb/gal):	

Mud Used	
Mud Additive	Used
DCS TRICON	1
ENGINEERING	1
MF-55	2
SODA ASH	2

SURVEYS							KB Elev (ft): 2,806	GL Elev (ft): 2,778
MD (ft)	Angle	Azim	TVD (ft)	V. Sect. (ft)	+N/-S	+E/-W	D.L.	

FROM	TO	HRS	PH CD	OP CD	Activity Last 24 Hours
06:00	13:30	7.50	DRILL	DR	TIME DRILL @ 2" EVERY 5 MINS TOOL FACE 1 RIGHT F/6,738' T/6,752' WOB=2.5-6 SPM=77 GPM=322 PSI=680. MUDLOGGER REPORTING @ 6739' 55% SHALE 40% DOLOMITE,5% CMT,@6742' 70% SHALE,25% DOL,5% CMT,
13:30	17:00	3.50	DRILL	DR	SLIDE DRILLING F/6,752' T/6807'=55' @ 15.7 FT/HR 70 TOOL FACE 1 RIGHT WOB=28-30 SPM=90 GPM=375 PSI= 892. MUDLOGGER @ 6745' REPORTING 70% SHALE 30% DOLOMITE CIRCULATING ON THE RESERVE PIT,SUR @ 6702' TVD 6701' INC 1.47,AZ 28.64
17:00	17:30	0.50	DRILL	DR	ROTARY DRILL F/6807' T/6818 = 11' @ 22 FT/HR 35 WOB, 90 SPM, 377 GPM, 1167 PSI
17:30	18:00	0.50	DRILL	SU	SURVEY @ MD 6765' TVD 6764' INC 7.44,AZ 10.74
18:00	18:30	0.50	DRILL	DR	SLIDE DRILLING F/6818 T/ 6826' = 8' @ 16FT/HR 35WOB, 90 SPM, 377 GPM, ALARMS SET G/L +5 -5 PUMP PRESSURE +100 -100PSI
18:30	21:30	3.00	DRILL	DR	ROTARY DRILL F/ 6826' T/6882' = 56' @ 18.6 FT/HR,SUR @ 6769' TVD 6794' INC 10.5,AZ 1.73
21:30	00:00	2.50	DRILL	DR	SLIDE DRILL F/6882' T/6925' = 43' @ 21.5 FT/HR WOB 35, 90 SPM, 377GPM, ALARMS SET +/-5 G/L, PUMP PRESSURE +/-100

HYDRAULICS			
Std. Pipe (psi):	892	Total GPM (Gals/min):	375
		Total SPM:	90
AV(DP) (ft/min):	179.1	AV(DC) (ft/min):	269.1
Jet Vel (ft/s):	161.38	PSI Drop (psi):	214.280
Bit HP (HP):	46.90	HP/in2 (HP/in ²):	0.78
PUMP#1		PUMP#2	PUMP#3
#Cyl:	3	3	
S.L. (in):	12.000	12.000	
Liner Id (in):	6.000	6.000	
SPM:	90		
Rod Dia (in):	12.000	12.000	
Eff %:	95	95	
GPM (Gals/min):	375		
SLOW PUMP RATES			
Depth (ft):	6,882		
SPM:	20	40	
PRSR (psi):	150	270	
Safety			
Test	Date	Pressure	
BOP:	03/24/2012	3000	
CSG:	03/08/2012	857	
Test MW:		9.8	
Test TVD (ft):		4,284	
Test Prsr (psi):		430	
LOT/FIT:		11.7	
BOP Drill:		03/21/2012	
Fire Drill:			
Evac Drill:			
Safety Meeting:		03/28/2012 05:30	
Spills Reported (Y/N):		N	
Accidents(S)(Y/N):		N	

24.00 = Total Hours Today

GENERAL COMMENTS :

DRILL STRING IN HOLE : BHA=1408.99, 59 STDS =5566.89',2 SINGLE = 62.93, DOK =24.18 TOTAL = 7063.0'
MUD MOTOR: 2.12 DEGREE BENT HOUSING,BIT BEND 6.26 ,B/SUR 54', B/SEN. LOBE 6/7
RIG TUBULARS: 510 JTS 5" DP,6 - 5" HWDP, (6 - 8" DC,9 - 6.5" DC LAST INSP. 3-26-12)
RENT TUBULARS: (9-8" DC,10-6 1/2" DC LAST INSP. 3-26-12),12-5" HWDP
CSG ON LOC: 3 JTS 13 3/8"
RIG FUEL USED LAST 24 HRS 784 GALS, RECVD 0 GALS TOTAL 8155 GALS, TOTAL USED 35,642 GAL.
WATER WELL BBLS USED 5 BBLS, TOTAL USED 9930 BBLS, BRINE 678 BBLS ON HAND,

FROM	TO	HRS	PH CD	OP CD	Activity Last 24 Hours
00:00	01:00	1.00	DRILL	DR	ROTARY DRILL F/6925' T/6944 = 19'@19 FT/HR 35WOB, 90SPM,377GPM,SUR @ 6859' TVD 6856' INC 14.19,AZ .70
01:00	01:30	0.50	DRILL	DR	SLIDE DRILL F/6944' T/6962' =18' @ 36 FT/HR WOB35, 90SPM, 377GPM, ALARMS SET G/L +/-5, PUMP PRESSURE +/-100
01:30	02:30	1.00	DRILL	DR	ROTARY DRILL F/6962 T/ 6976' = 14'@ 14FT/HR WOB 35 , 90 SPM, 377GPM, SUR @ 6922',TVD 6916',INC 19.56,AZ .08
02:30	06:00	3.50	DRILL	DR	SLIDE DRILL F/ 6976 T/ 7063 = 87'@ 24.8 FT/HR WOB 35, 90 SPM, 377 GPM,PP 910,DIFF 200-250,MTR RPM 109 ALARMS SET G/L +/-5, PUMP PRESSURE +/-100 CIRCULATING ON THE RESERVE PIT,SUR @ 6953' TVD 6945',INC 21.06,AZ 359.33
24.00 = Total Hours Today					

WELL:	UNIVERSITY 12-17 #1H	MD (ft):	7,385	TVD (ft):	7,260	DOL:	46	DSS:	38
FIELD:	SOUTH MIDLAND	PROGRESS (ft):	322			FOREMAN:	ROBERT JOHNSON		
STATE:	TX REAGAN	HRS DRLG:	17.00			AFE #:	110DC114542	API #:	4238337579
REGION:	MID-CON REGION	24Hr ROP (ft/hr):	18.94	DRLG AFE:	\$4,517,200	AFE Total:	\$9,639,700	CASING (in):	9.625
RIG CONTR:	PATTERSON 240	SPUD DATE:	02/20/2012	RLS DATE:		DAILY	\$76,946	PLAN TD (ft):	14,770
RIG NBR:	PATTERSON 240					DRLG:			
PH NBR:	713-405-1343	SPUD TIME:	06:30	RLS TIME:		DRLG TOT:	\$4,216,618	SHOE TD (ft):	6,485
24 Hrs SUMMARY:	BUILDING CURVE F/ 7063 T/ 7385 TOH DUE TO MWD FAILURE								
CURRENT ACTIVITY:	TOH F/7385' T/ 6680								
FORECAST:	TOH CHANGE MWD,BIT, DIAL UP MOTOR TIH								

BHA # : 10					Trip:	8	MUD PROPERTIES			
Qty	Description	O.D. (in)	I.D. (in)	Length (ft)	Bit:	8	Time:	18:00	Solids:	6.7
1	BIT	8.750		1.00	Model:	GX28	Comp:	VENTURE		
1	MUD MOTOR 2.12 BENT HOUSING	6.793		28.79	S/N:	5205631	Depth (ft):	7,254	Oil:	
1	FLOAT SUB	6.750	2.754	3.09	MFG:	HUGHES	Water:	95	10 sec Gel (lb/100ft³):	0
1	OTHER BHA ITEM	6.625	2.680	1.95	Size (in):	8.750	MW (lb/gal):	9.4	10 min Gel (lb/100ft³):	0
1	MWD TOOL	6.688	2.785	19.61	IADC:		VISC (s/qt):	28	30 min Gel (lb/100ft³):	
1	MWD TOOL	6.750	2.650	10.73	IN (ft):		PV (cP):	1	CA:	
1	FLEX MONEL	6.875	3.100	30.68	OUT:		YP (lb/100ft³):	0	Pm:	1.3
24	DRILL PIPE	5.000	4.276	755.88	Length (ft):	685.00	pH:	11.0	Pf:	0.8
18	HEAVY WT. DRILL PIPE	5.000	3.000	557.26	Hours:	74	Chl:	108000	Ex Lime (lb/bbl):	
Buoyed Weight (lbs): 40889 Total Length (ft): 1,408.99					ROP (ft/hr):	9.26	WL:		Elec Stab:	
					TFA (1/32in²):	0.0233	HTHP:		MBT:	
					WOB (lbs):	60.00	FC (1/32"):	1	ECD (lb/gal):	
					P/U Wt:	245				
					S/O Wt:	242				
					RPM:	65				
					ROT Wt:					
					Torque (ft lbf):					
					DRAG:					
					I:					
O:										
D:										
L:										
B:										
G:										
O:										
R:										
MUD Logging										
Depth (ft):		Max Gas:								
BGG:		Trip Gas:								
CG:		Mud Cut:								
MUD VOLUMES										
DP (bbl):		Reserve Pits (bbl):								
Annulus (bbl):		Active Pits (bbl):								
		LOST (bbl):								

SURVEYS					KB Elev (ft):	2,806	GL Elev (ft):	2,778
MD (ft)	Angle	Azim	TVD (ft)	V. Sect. (ft)	+N/-S	+E/-W	D.L.	

GENERAL COMMENTS :

DRILL STRING IN HOLE : BHA=1408.99, 63 STDS =5944.99', 1 SINGLE = 31.52', DOK =0 TOTAL = 7385.50'
MUD MOTOR: 2.12 DEGREE BENT HOUSING,BIT BEND 6,26 ,B/SUR 54', B/SEN. LOBE 6/7
RIG TUBULARS: 510 JTS 5" DP,6 - 5" HWDP ,(6 - 8" DC,9 - 6.5" DC LAST INSP. 3-26-12)
RENT TUBULARS: (9-8" DC,10-6 1/2" DC LAST INSP. 3-26-12),12-5" HWDP
CSG ON LOC: 3 JTS 13 3/8"
RIG FUEL USED LAST 24 HRS 784 GALS, RECV'D 0 GALS TOTAL 7371 GALS, TOTAL USED 36,426 GAL.
WATER WELL BBLS USED BBLS, TOTAL USED 9925 BBLS, BRINE 1367 BBLS ON HAND,

FROM	TO	HRS	PH CD	OP CD	Activity Last 24 Hours
11:00	11:30	0.50	DRILL	SU	CONN & SUR @ 7111' TVD 7086',INC 31.54,AZ 357.99,GAMMA 40-130,TEMP 101
11:30	15:00	3.50	DRILL	DR	SLIDE DRILLING 7164' - 7,230',66',18.8'/HR,WOB 36,SPM 90,GPM 377,PP 1000,DIFF 200,MTR RPM 109,TF HS
15:00	15:30	0.50	DRILL	SU	CONN & SUR @ 7174 ' TVD 7139',INC 33.72,AZ 359.57,GAMMA 40-130,TEMP 101
15:30	17:00	1.50	DRILL	DR	SLIDE DRILLING 7230' - 7,256',26',17.3'/HR,WOB 36,SPM 90,GPM 377,PP 1000,DIFF 200,MTR RPM 109,TF HS
17:00	18:00	1.00	DRILL	SR	SERVICE RIG, MANRIDER, DERRICK,DROPPED OBJECTS INSPECTION ALL GOOD
18:00	20:00	2.00	DRILL	DR	SLIDE DRILLING 7256' - 7,291',35',17.5'/HR,WOB 60,SPM 54,GPM 227,PP 450,DIFF 150-200,MTR RPM 65,TF HS
20:00	20:30	0.50	DRILL	SU	CONN & SUR @ 7237 ' TVD 7190',INC 39.06,AZ 1.58,GAMMA 40-130,TEMP 101
20:30	23:00	2.50	DRILL	DR	SLIDE DRILLING 7291' - 7,351', 60', 24'/HR,WOB 60,SPM 54,GPM 227,PP 450,DIFF 150-200,MTR RPM 65,TF HS
23:00	23:30	0.50	DRILL	SU	CONN & SUR @ 7300 ' TVD 7238',INC 42.96,AZ 3.51,GAMMA 100-180,TEMP 130
23:30	02:30	3.00	DRILL	DR	SLIDE DRILLING 7351' - 7,385',34',11.3'/HR,WOB 60,SPM 54,GPM 227,PP 450,DIFF 150-200,MTR RPM 65,TF HS
02:30	03:00	0.50	DRILL	SU	SUR @ 7331 ' TVD 7260',INC 45.4,AZ 4.49,GAMMA 100-180,TEMP 130
03:00	05:00	2.00	DRILL	CI	CIRCULATE PUMP SWEEP,BUILD SLUG,FLOW CHECK ALL GOOD PREPARE TO TRIP OUT OF HOLE DUE TO MWD TOOL FAILURE,
05:00	06:00	1.00	DRILL	TR	TOH F/7385 T/6680' WHILE MONTORING WELL ON TRIP TANK
24.00 = Total Hours Today					

WELL:	UNIVERSITY 12-17 #1H	MD (ft):	7,559	TVD (ft):	7,350	DOL:	47	DSS:	39
FIELD:	SOUTH MIDLAND	PROGRESS (ft):	174			FOREMAN:	ROBERT JOHNSON		
STATE:	TX REAGAN	HRS DRLG:	8.50			AFE #:	110DC114542	API #:	4238337579
REGION:	MID-CON REGION	24Hr ROP (ft/hr):	20.47	DRLG AFE:	\$4,517,200	AFE Total:	\$9,639,700	CASING (in):	9.625
RIG CONTR:	PATTERSON 240	SPUD DATE:	02/20/2012	RLS DATE:		DAILY	\$78,110	PLAN TD (ft):	14,770
RIG NBR:	PATTERSON 240					DRLG:			
PH NBR:	713-405-1343	SPUD TIME:	06:30	RLS TIME:		DRLG TOT:	\$4,294,728	SHOE TD (ft):	6,485
24 Hrs SUMMARY:	POOH L/D BIT & MUD MOTOR,C/O MWD TOOLS,M/U MTR & BIT TEST SAME, TIH T/7385' , BUILDING CURVE T/ 7559'								
CURRENT ACTIVITY:	DRILL CURVE F/7385' T/ 7559'								
FORECAST:	FINISH BUILDING CURVE								

BHA # : 11					Trip:		9	8	MUD PROPERTIES	
Qty	Description	O.D. (in)	I.D. (in)	Length (ft)	Bit:				Time:	18:00 Solids:
1	BIT	8.750		1.00	Model:	GX28	GX28		Comp:	VENTURE
1	MUD MOTOR 2.78 BENT HOUSING	6.793	0.000	28.05	S/N:	5205629	5205631		Depth (ft):	7,385 Oil:
1	FLOAT SUB	6.750	2.754	3.09	MFG:	HUGHES	HUGHES		Water:	94 10 sec Gel (lb/100ft³):
1	UBHO SUB	6.750	3.000	3.63	Size (in):	8.750	8.750		MW (lb/gal):	9.3 10 min Gel (lb/100ft³):
1	MONEL DRILL COLLAR	6.875	0.000	30.48	IADC:				VISC (s/qt):	28 30 min Gel (lb/100ft³):
1	FLEX MONEL	6.875	3.100	30.68	IN (ft):	7385.00			PV (cP):	1 CA:
24	DRILL PIPE	5.000	4.276	755.88	OUT:		7385.00		YP (lb/100ft³):	0 Pm:
18	HEAVY WT. DRILL PIPE	5.000	3.000	557.26	Length (ft):	174.00	685.00		pH:	
					Hours:	9	74		Chl:	107000 Ex Lime (lb/bbl):
					ROP (ft/hr):	20.47	9.26		WL:	Elec Stab:
					TFA (1/32in²):	0.0233	0.0233		HTHP:	MBT:
					WOB (lbs):	55.00	60.00		FC (1/32"):	ECD (lb/gal):
					P/U Wt:	223	223			
					S/O Wt:	218	218			
					RPM:	101	65			
					ROT Wt:					
					Torque (ft lbf):					
					DRAG:					
					I:		0			
					O:		0			
					D:		NO			
					L:		N			
					B:		E			
					G:		I			
					O:		NO			
					R:		BHA			

Buoyed Weight (lbs): 41716 Total Length (ft): 1,410.07

MUD Logging	
Depth (ft):	Max Gas:
BGG:	Trip Gas:
CG:	Mud Cut:

MUD VOLUMES	
DP (bbl):	Reserve Pits (bbl):
Anulus (bbl):	Active Pits (bbl):
	LOST (bbl):

SURVEYS								KB Elev (ft):	2,806	GL Elev (ft):	2,778
MD (ft)	Angle	Azim	TVD (ft)	V. Sect. (ft)	+N/-S	+E/-W	D.L.				
7,481	62.61	4.85	7,351	430.53	428.98	79.77	15.10				
7,450	57.86	4.61	7,335	403.64	402.13	77.55	13.65				
7,418	53.43	4.41	7,317	377.28	375.80	75.48	10.52				
7,387	50.24	3.26	7,298	352.93	351.49	73.84	10.30				

FROM	TO	HRS	PH CD	OP CD	Activity Last 24 Hours
06:00	06:30	0.50	DRILL	OT	PULL ROT. HEAD INSTALL TRIP NIPPLE
06:30	09:00	2.50	DRILL	TR	POOH 6500' - 1260'
09:00	09:30	0.50	DRILL	SR	RIG SERVICE
09:30	10:30	1.00	DRILL	TR	POOH 1260' - T/DIRECTIONAL ASSY.
10:30	12:00	1.50	DRILL	TR	L/D BIT,MOTOR,MWD ASSY. (ACTUAL FILL 82.5,CACL. 62.4)
12:00	15:00	3.00	DRILL	TR	P/U MWD PULSAR ASSY. & DIRECTIONAL ASSY.,P/U MUD MOTOR DIAL UP T/2.70 M/U BIT,TEST
15:00	20:30	5.50	DRILL	TR	TIH F/ SUFACE T/7385' FILLING PIPE AND TESTING MWD EVERY 30 STDS WHILE MONITORING WELL AT TRIP TANK (ACTUAL DIS 156 BBL = CAL DIS 188.8)
20:30	00:00	3.50	DRILL	DR	SLIDE DRILLING 7385' - 7448',63',18'/HR,WOB 52,SPM 84,GPM 351,PP 880,DIFF 200-300,MTR RPM 102,TF HS
00:00	00:30	0.50	DRILL	SU	CONN & SUR @ 7387' TVD 7298',INC 50.24,AZ 3.26,GAMMA 60-120,TEMP 105
00:30	05:00	4.50	DRILL	DR	SLIDE DRILLING 7448' - 7542',94',20.8'/HR,WOB 52,SPM 84,GPM 351,PP 918,DIFF 200-250,MTR RPM 102,TF HS

24.00 = Total Hours Today

HYDRAULICS			
Std. Pipe (psi):	918	Total GPM (Gals/min):	351
		Total SPM:	84
AV(DP) (ft/min):	167.1	AV(DC) (ft/min):	251.2
Jet Vel (ft/s):	151.05	PSI Drop (psi):	189.771
Bit HP (HP):	38.88	HP/in2 (HP/in²):	0.65
	PUMP#1	PUMP#2	PUMP#3
#Cyl:	3	3	
S.L. (in):	12.000	12.000	
Liner Id (in):	6.000	6.000	
SPM:		84	
Rod Dia (in):	12.000	12.000	
Eff %:	95	95	
GPM (Gals/min):		351	

SLOW PUMP RATES			
Depth (ft):			
SPM:	20	40	
PRSR (psi):	150	270	

Safety		
Test	Date	Pressure
BOP:	03/24/2012	3000
CSG:	03/08/2012	857
Test MW:		9.8
Test TVD (ft):		4,284
Test Prsr (psi):		430
LOT/FIT:		11.7
BOP Drill:		03/29/2012
Fire Drill:		
Evac Drill:		
Safety Meeting:		03/30/2012 05:30
Spills Reported (Y/N):		N
Accidents(S)(Y/N):		N

GENERAL COMMENTS :

DRILL STRING IN HOLE : BHA=1410.07, 65 STDS =6133.95', SINGLE = , DOK =15 TOTAL = 7559.02'
MUD MOTOR: 2.70 DEGREE BENT HOUSING,BIT BEND 6.26 ,B/SUR 61', B/SEN 46.82'. LOBE 6/7
RIG TUBULARS: 510 JTS 5" DP,6 - 5" HWDP ,(6 - 8" DC,9 - 6.5" DC LAST INSP. 3-26-12)
RENT TUBULARS: (9-8" DC,10-6 1/2" DC LAST INSP. 3-26-12),12-5" HWDP
CSG ON LOC: 3 JTS 13 3/8"
RIG FUEL USED LAST 24 HRS 941 GALS, RECVD 0 GALS TOTAL 6430 GALS, TOTAL USED 37,367 GAL.
WATER WELL BBLs USED BBLs, TOTAL USED 9925 BBLs, BRINE 1367 BBLs ON HAND,

FROM	TO	HRS	PH CD	OP CD	Activity Last 24 Hours
05:00	05:30	0.50	DRILL	SU	CONN & SUR @ 7481' TVD 7350',INC 62.21,AZ 4.85,GAMMA 60-120,TEMP 105
05:30	06:00	0.50	DRILL	DR	SLIDE DRILLING 7544' - 7559',15,30'/HR,WOB 52,SPM 84,GPM 351,PP 918,DIFF 200-250,MTR RPM 102,TF HS
24.00 = Total Hours Today					

WELL:	UNIVERSITY 12-17 #1H	MD (ft):	7,673	TVD (ft):	7,390	DOL:	48	DSS:	40
FIELD:	SOUTH MIDLAND	PROGRESS (ft):	114			FOREMAN:	ROBERT JOHNSON		
STATE:	TX REAGAN	HRS DRLG:	5.50			AFE #:	110DC114542	API #:	4238337579
REGION:	MID-CON REGION	24Hr ROP (ft/hr):	20.73	DRLG AFE:	\$4,517,200	AFE Total:	\$9,639,700	CASING (in):	9.625
RIG CONTR:	PATTERSON 240	SPUD DATE:	02/20/2012	RLS DATE:		DAILY	\$66,666	PLAN TD (ft):	14,770
RIG NBR:	PATTERSON 240					DRLG:			
PH NBR:	713-405-1343	SPUD TIME:	06:30	RLS TIME:		DRLG TOT:	\$4,362,242	SHOE TD (ft):	6,485

24 Hrs SUMMARY:	BUILD CURVE LANDING AT 7673' W/ 90.4 INC,POOH, CHANGE OUT BIT,MWD PULSAR, DIAL MOTOR TO 1.5, TIH,SLIP AND CUT DRILL LINE
CURRENT ACTIVITY:	TIH @ 3572'
FORECAST:	FINISHING TIH,START DRILLING LATERAL SECTION

BHA # : 11				Trip:		9		10		MUD PROPERTIES	
Qty	Description	O.D. (in)	I.D. (in)	Length (ft)	Bit:					Time:	18:00 Solids:
1	BIT	8.750		1.00	Model:	GX28		Q408FX		Comp:	VENTURE MUD CO.
1	MUD MOTOR 2.78 BENT HOUSING	6.793	0.000	28.05	S/N:	5205629		7029629		Depth (ft):	7,673 Oil:
1	FLOAT SUB	6.750	2.754	3.09	MFG:	HUGHES		HUGHES		Water:	93 10 sec Gel (lb/100ft³): 0
1	UBHO SUB	6.750	3.000	3.63	Size (in):	8.750		8.750		MW (lb/gal):	9.4 10 min Gel (lb/100ft³): 0
1	MONEL DRILL COLLAR	6.875	0.000	30.48	IADC:					VISC (s/qt):	28 30 min Gel (lb/100ft³):
1	FLEX MONEL	6.875	3.100	30.68	IN (ft):					PV (cP):	1 CA:
24	DRILL PIPE	5.000	4.276	755.88	OUT (ft):	7673.00				YP (lb/100ft³):	0 Pm:
18	HEAVY WT. DRILL PIPE	5.000	3.000	557.26	Length (ft):	288.00				pH:	Pf:
					Hours:	14				Chl:	116000 Ex Lime (lb/bbl):
					ROP (ft/hr):	20.57				WL:	Elec Stab:
					TFA (1/32in²):	0.0233		0.0304		HTHP:	MBT:
					WOB (lbs):	55.00				FC (1/32"): 2	ECD (lb/gal):
					P/U Wt:	225		225		Mud Used	
					S/O Wt:	205		205		Mud Additive	
					RPM:	101				Used	
					ROT Wt:					BARITE	35
					Torque (ft lbf):					CAUSTIC	4
					DRAG:					DCS TRICON	6
					I:					ENGINEERING	1
					O:					IDB-80	1
					D:					MF-55	6
					L:					SODA ASH	4
					B:					SURE GUAGE	2
					G:						
					O:						
					R:						

Buoyed Weight (lbs): 41642 Total Length (ft): 1,410.07

MUD Logging	
Depth (ft):	Max Gas:
BGG:	Trip Gas:
CG:	Mud Cut:

MUD VOLUMES			
DP (bbl):	131.00	Reserve Pits (bbl):	678
Anulus (bbl):	3950.00	Active Pits (bbl):	6,810
		LOST (bbl):	

SURVEYS							KB Elev (ft): 2,806	GL Elev (ft): 2,778
MD (ft)	Angle	Azim	TVD (ft)	V. Sect. (ft)	+N/-S	+E/-W	D.L.	
7,607	81.67	0.10	7,390	549.43	547.78	85.60	19.52	
7,576	75.67	1.46	7,385	518.91	517.27	85.18	14.48	

FROM	TO	HRS	PH CD	OP CD	Activity Last 24 Hours
06:00	07:30	1.50	DRILL	DR	SLIDE DRILLING 7559' 7,576' - 17,11.3'/HR,WOB 60,SPM 84,GPM 351,PP 918,DIFF 200-250,MTR RPM 102,TF HS
07:30	08:00	0.50	DRILL	SU	CONN & SUR @ 7,513'TVD 7,364',INC 60.16,AZ 4.38,GAMMA 60-120,TEMP 105
08:00	09:30	1.50	DRILL	DR	SLIDE DRILLING 7576' -7609 '33',22'/HR,WOB 60,SPM 84,GPM 351,PP 918,DIFF 200-250,MTR RPM 102,TF HS
09:30	10:00	0.50	DRILL	SU	CONN & SUR @ 7,544'TVD 7375',INC 71.22,AZ 3.07,GAMMA 60-120,TEMP 105
10:00	11:00	1.00	DRILL	DR	SLIDE DRILLING 7609' -7637 '28',28'/HR,WOB 60,SPM 84,GPM 351,PP 918,DIFF 200-250,MTR RPM 102,TF HS
11:00	11:30	0.50	DRILL	SU	CONN & SUR @ 7576',TVD 7,384',INC 75.67,AZ 1.46,GAMMA 60-120,TEMP 105
11:30	13:00	1.50	DRILL	DR	SLIDE DRILLING 7637' -7673 '36',24'/HR,WOB 60,SPM 84,GPM 351,PP 918,DIFF 200-250,MTR RPM 102,TF HS
13:00	13:30	0.50	DRILL	SU	CONN & SUR @ 7607',TVD 7,390',INC 81.67,AZ .10,GAMMA 60-120,TEMP 105
13:30	15:30	2.00	DRILL	CI	PUMP HIGH VIS SWEEP AROUND AND CIRC HOLE CLEAN
15:30	16:00	0.50	DRILL	TR	CHECK FLOW OK,PUMP SLUG POOH

24.00 = Total Hours Today

HYDRAULICS			
Std. Pipe (psi):	914	Total GPM (Gals/min):	351
		Total SPM:	84
AV(DP) (ft/min):	127.6	AV(DC) (ft/min):	294.2
Jet Vel (ft/s):	151.05	PSI Drop (psi):	191.811
Bit HP (HP):	39.30	HP/in2 (HP/in²):	0.65
	PUMP#1	PUMP#2	PUMP#3
#Cyl:	3	3	
S.L. (in):	12.000	12.000	
Liner Id (in):	6.000	6.000	
SPM:		84	
Rod Dia (in):	12.000	12.000	
Eff %:	95	95	
GPM (Gals/min):		351	

SLOW PUMP RATES			
Depth (ft):			
SPM:	20	40	
PRSR (psi):	150	270	

Safety		
Test	Date	Pressure
BOP:	03/24/2012	3000
CSG:	03/08/2012	857
Test MW:		9.8
Test TVD (ft):		4,284
Test Prsr (psi):		430
LOT/FIT:		11.7
BOP Drill:		03/29/2012
Fire Drill:		
Evac Drill:		
Safety Meeting:		03/31/2012 05:30
Spills Reported (Y/N):		N
Accidents(S)(Y/N):		N

GENERAL COMMENTS :
 DRILL STRING IN HOLE : BHA=1410.07, 66 STDS =6228.51', 1 SINGLE 31.30' = , DOK = 4 TOTAL = 7673.88'
 MUD MOTOR: 2.70 DEGREE BENT HOUSING,BIT BEND 6.26 ,B/SUR 61', B/SEN 46.82'. LOBE 6/7
 RIG TUBULARS: 510 JTS 5" DP,6 - 5" HWDP ,(6 - 8" DC,9 - 6.5" DC LAST INSP. 3-26-12)
 RENT TUBULARS: (9-8" DC,10-6 1/2" DC LAST INSP. 3-26-12),12-5" HWDP
 CSG ON LOC: 3 JTS 13 3/8"
 RIG FUEL USED LAST 24 HRS 784 GALS, RECVD 0 GALS TOTAL 5646 GALS, TOTAL USED 38,151 GAL.
 WATER WELL BBLS USED BBLS, TOTAL USED 9925 BBLS, BRINE 1367 BBLS ON HAND,

FROM	TO	HRS	PH CD	OP CD	Activity Last 24 Hours
16:00	21:00	5.00	DRILL	TR	TOH F/7673' T/ DIRECTIONAL ASSY, WITH 20K DRAG, MONITORING WELL AT TRIP TANK (ACTUAL FILL= 91BBLs CALC FILL=62.5 BBLs
21:00	22:30	1.50	DRILL	TR	DRAIN MOTOR L/D MWD PULSAR ASSY, BREAK BIT, ADJUST MOTOR TO 1.50 BEND DOWNLOAD INFORMATION OFF MWD PULSAR ASSY.
22:30	00:00	1.50	DRILL	TR	P/U MWD PULSAR ASSY, MAKE UP BIT, TEST MOTOR AND MWD PULSAR TOOL
00:00	01:30	1.50	DRILL	TR	RUN IN HOLE WITH 1STD P/U 18JTS OF 5"DP TO TAKE PLACE OF HWDP F/ DIRECTIONAL ASSY T/ 758'
01:30	03:00	1.50	DRILL	TR	TIH F/ 758' T/ 3572 WHILE MONITORING WELL ON TRIP TANK
03:00	06:00	3.00	DRILL	OT	SLIP AND CUT DRILL LINE (8 WRAPS)
24.00 = Total Hours Today					

WELL:	UNIVERSITY 12-17 #1H	MD (ft):	8,527	TVD (ft):	7,383	DOL:	49	DSS:	41
FIELD:	SOUTH MIDLAND	PROGRESS (ft):	854			FOREMAN:	ROBERT JOHNSON		
STATE:	TX REAGAN	HRS DRLG:	17.50			AFE #:	110DC114542	API #:	4238337579
REGION:	MID-CON REGION	24Hr ROP (ft/hr):	50.24	DRLG AFE:	\$4,517,200	AFE Total:	\$9,639,700	CASING (in):	9.625
RIG CONTR:	PATTERSON 240	SPUD DATE:	02/20/2012	RLS DATE:		DAILY	\$93,188	PLAN TD (ft):	14,770
RIG NBR:	PATTERSON 240					DRLG:			
PH NBR:	713-405-1343	SPUD TIME:	06:30	RLS TIME:		DRLG TOT:	\$4,455,430	SHOE TD (ft):	6,485
24 Hrs SUMMARY:	TIH,WASH REAM,DRILLING, DRILL F/ 7673 T/ 8527'								
CURRENT ACTIVITY:	DRILLING @ 8527'								
FORECAST:	DRILL LATERAL SECTION								

BHA # : 12					Trip:	10	MUD PROPERTIES		
Qty	Description	O.D. (in)	I.D. (in)	Length (ft)	Bit:	10	Time:	18:00	Solids:
1	BIT	8.750		1.00	Model:	Q408FX	Comp:	VENTURE	
1	MUD MOTOR 1.5 BENT HOUSING	6.793	0.000	28.05	S/N:	7029629	Depth (ft):	7,893	Oil:
1	FLOAT SUB	6.750	2.754	3.09	MFG:	HUGHES	Water:	93	10 sec Gel (lb/100ft³):
1	UBHO SUB	6.750	3.000	3.63	Size (in):	8.750	MW (lb/gal):	9.5	10 min Gel (lb/100ft³):
1	MONEL DRILL COLLAR	6.875	0.000	30.48	IADC:		VISC (s/qt):	28	30 min Gel (lb/100ft³):
1	FLEX MONEL	6.875	3.100	30.68	IN (ft):		PV (cP):	1	CA:
					OUT:		YP (lb/100ft³):	0	Pm:
					Length (ft):	854.00	pH:		PF:
					Hours:	17	Chl:	118000	Ex Lime (lb/bbl):
					ROP (ft/hr):	50.24	WL:		Elec Stab:
					TFA (1/32in²):	0.0304	HTHP:		MBT:
					WOB (lbs):	30.00	FC (1/32"):		ECD (lb/gal):
					P/U Wt:	209			
					S/O Wt:	188			
					RPM:	40			
					ROT Wt:	204			
					Torque (ft lbf):	6200.00			
					DRAG:				
					I:				
					O:				
					D:				
					L:				
					B:				
					G:				
					O:				
					R:				
Buoyed Weight (lbs): 9635 Total Length (ft): 96.93									
MUD Logging									
Depth (ft):		Max Gas:							
BGG:		Trip Gas:							
CG:		Mud Cut:							
MUD VOLUMES									
DP (bbl):		Reserve Pits (bbl):							
Annulus (bbl):		Active Pits (bbl):							
		LOST (bbl):							

Mud Used		
Mud Additive		Used
CAUSTIC		4
DCS TRICON		2
ENGINEERING		1
IDB-80		1
MF-55		2
SODA ASH		3
SURE GUAGE		1

SURVEYS					KB Elev (ft): 2,806		GL Elev (ft): 2,778		HYDRAULICS			
MD (ft)	Angle	Azim	TVD (ft)	V. Sect. (ft)	+N/-S	+E/-W	D.L.	Std. Pipe (psi):	1160	Total GPM (Gals/min):	460	
8,433	91.22	355.78	7,383	1370.45	1370.34	19.32	1.05			Total SPM:	110	
8,339	91.71	354.91	7,385	1276.97	1276.68	26.95	1.03	AV(DP) (ft/min):	218.9	AV(DC) (ft/min):	328.9	
8,244	91.51	353.94	7,388	1182.67	1182.17	36.17	0.32	Jet Vel (ft/s):	151.75	PSI Drop (psi):	194.614	
8,150	91.22	354.03	7,390	1089.43	1088.72	46.02	0.41	Bit HP (HP):	52.25	HP/in2 (HP/in²):	0.87	
8,056	90.94	354.30	7,392	996.15	995.22	55.57	1.13					
7,963	90.80	355.36	7,393	903.74	902.61	63.95	0.58					
7,867	90.24	355.40	7,394	808.24	806.93	71.68	1.31					
FROM	TO	HRS	PH CD	OP CD	Activity Last 24 Hours							
06:00	07:30	1.50	DRILL	TR	TIH 3572' - 6037'							
07:30	08:00	0.50	DRILL	OT	PULL TRIP NIPPLE,INSTALL ROTATING HEAD,FILL PIPE							
08:00	09:00	1.00	DRILL	TR	TIH 6037' - 7296',TIGHT SPOT M/U T-DRIVE WASH T/7358' NO DRAG,TIH T/7542' TIGHT SPOT							
09:00	10:00	1.00	DRILL	WA	WASH 7542' T/7610',REAM THRU DOG LEG 7610' - 7673'							
10:00	10:30	0.50	DRILL	SU	SURVEY CHECK SHOT @ 7615' INC 82.95,AZ .13,TAKE SPR @ 7673' #1 20-150,#2 40-250							
10:30	12:00	1.50	DRILL	DR	SLIDE DRILLING 7673' - 7692',19',12.6"/HR,WOB 10-25,SPM 84,GPM 352,PP 980,DIFF 200-250,MTR RPM 102,ALARMS PVT +5/-5,FLO +2/-2%							
12:00	12:30	0.50	DRILL	DR	ROTARY DRILL 7692' - 7709',17',34"/HR, WOB 5-10,SPM 84,GPM 352,PP 990,DIFF 275,TD RPM 40,TQ 3500,MTR RPM 102 ALARMS SET G/L +/- 5,FLOW +/- 2%,SUR @ 7646',TVD 7394',INC 88.15,AZ 358.22,GAMMA 80-105,TEMP 104							
12:30	13:00	0.50	DRILL	DR	SLIDE DRILLING 7709' - 7718',9',18"/HR,WOB 15,SPM 84,GPM 352,PP 980,DIFF 200-250,MTR RPM 102,ALARMS PVT +5/-5,FLO +2/-2%							
24.00 = Total Hours Today												

GENERAL COMMENTS :

DRILL STRING IN HOLE : BHA=96.93, 89 STDS =8398.95', 1 SINGLE 31.43 = , DOK = TOTAL = 8527.31'
MUD MOTOR: 1.50 DEGREE BENT HOUSING,BIT BEND 6.26 ,B/SUR 61', B/SEN 46.82'. LOBE 6/7
RIG TUBULARS: 510 JTS 5" DP,6 - 5" HWDP ,(6 - 8" DC,9 - 6.5" DC LAST INSP. 3-26-12)
RIG TUBULARS: (9-8" DC,10-6 1/2" DC LAST INSP. 3-26-12),12-5" HWDP
CSG ON LOC: 3 JTS 13 3/8"
RIG FUEL USED LAST 24 HRS 2252 GALS, REC'D 6800 GALS TOTAL 10194 GALS, TOTAL USED 38,935 GAL.
WATER WELL BBLs USED BBLs, TOTAL USED 9925 BBLs, BRINE 830 BBLs ON HAND,

FROM	TO	HRS	PH CD	OP CD	Activity Last 24 Hours
13:00	18:30	5.50	DRILL	DR	ROTARY DRILL 7718' - 7928',210',38.18/HR, WOB 15,SPM 84,GPM 352,PP 1000,DIFF 275,TD RPM 80,TQ 3500-7800,MTR RPM 102 ALARMS SET G/L +/- 5,FLOW +/- 2%,SUR @ 7646',TVD 7394',INC 88.15,AZ 358.22,GAMMA 80-105,TEMP 104
18:30	19:30	1.00	DRILL	SR	SERVICE RIG,TOP DRIVE, DERRICK AND DROPPED OBJECTS INSPECTION
19:30	23:00	3.50	DRILL	DR	ROTARY DRILL F/ 7928' T/8210 ',282',80.5/HR, WOB 17,SPM 110,GPM 460,PP 1600,DIFF 420,TD RPM 80,TQ 3500-7800,MTR RPM 133 ALARMS SET G/L +/- 5,FLOW +/- 2%,
23:00	23:30	0.50	DRILL	SU	CONN & SUR @ 8150'TVD 7390',INC 91.22,AZ 354.03,GAMMA 60-120,TEMP 105
23:30	00:00	0.50	DRILL	DR	SLIDE DRILLING 8210' -8225 ',15',30'/HR,WOB 15,SPM 110,GPM 460,PP 1382,DIFF 200-250,MTR RPM 133,ALARMS PVT +5/-5,FLO +2/-2%
00:00	01:30	1.50	DRILL	DR	ROTARY DRILL F/8225' T/8306 ',81',54/HR, WOB 17,SPM 110,GPM 460,PP 1600,DIFF 420,TD RPM 80,TQ 3500-7800,MTR RPM 133 ALARMS SET G/L +/- 5,FLOW +/- 2%,
01:30	02:00	0.50	DRILL	DR	CONN & SUR @ 8244'TVD 7388',INC 91.51,AZ 353.94,GAMMA 100-120,TEMP 115
02:00	02:30	0.50	DRILL	DR	SLIDE DRILLING 8306' -8321 ',15',30'/HR,WOB 15,SPM 110,GPM 460,PP 1382,DIFF 200-250,MTR RPM 133,ALARMS PVT +5/-5,FLO +2/-2%
02:30	03:30	1.00	DRILL	DR	ROTARY DRILL F/8321' T/8402 ',81',54/HR, WOB 17,SPM 110,GPM 460,PP 1600,DIFF 420,TD RPM 80,TQ 3500-7800,MTR RPM 133 ALARMS SET G/L +/- 5,FLOW +/- 2%,
03:30	04:00	0.50	DRILL	SU	CONN & SUR @ 8339,TVD 7385',INC 91.71,AZ 354.91,GAMMA 100-120,TEMP 115
04:00	04:30	0.50	DRILL	DR	SLIDE DRILLING 8402' - 8427 ',25',50'/HR,WOB 15,SPM 110,GPM 460,PP 1382,DIFF 200-250,MTR RPM 133,ALARMS PVT +5/-5,FLO +2/-2%
04:30	06:00	1.50	DRILL	DR	ROTARY DRILL F/8427' T/8527' ',100',66/HR, WOB 17,SPM 110,GPM 460,PP 1600,DIFF 420,TD RPM 80,TQ 3500-7800,MTR RPM 133 ALARMS SET G/L +/- 5,FLOW +/- 2%,
24.00 = Total Hours Today					

24 Hrs SUMMARY:	DRILLING LATERAL
CURRENT ACTIVITY:	SLIDING @ 9,030'
FORECAST:	DRILL LATERAL SECTION

SURVEYS								KB Elev (ft):	2,806	GL Elev (ft):	2,778	HYDRAULICS				
MD (ft)	Angle	Azim	TVD (ft)	V. Sect. (ft)	+N/-S	+E/-W	D.L.					Std. Pipe (psi):	1600	Total GPM (Gals/min):	460	
8,905	89.76	1.27	7,382	1841.02	1841.46	-2.34	1.55							Total SCM:	110	
8,810	88.85	0.08	7,381	1746.04	1746.48	-3.46	3.85					AV(DP) (ft/min):		AV(DC) (ft/min):		
8,716	91.01	357.11	7,381	1652.19	1652.56	-1.15	1.94					Jet Vel (ft/s):	151.75	PSI Drop (psi):	195.643	
8,622	89.69	355.81	7,381	1558.52	1558.75	4.65	0.89					Bit HP (HP):	52.53	HP/in2 (HP/in²):	0.87	
8,527	90.38	355.30	7,381	1463.98	1464.04	12.01	1.01							PUMP#1	PUMP#2	PUMP#3
								#Cyl:	3					3		

GENERAL COMMENTS :
 DRILL STRING IN HOLE : BHA=96.93, 89 STDS =8398.95', 1 SINGLE 31.43 = , DOK = TOTAL = 8527.31'
 MUD MOTOR: 1.50 DEGREE BENT HOUSING,BIT BEND 6.26, B/SUR 61', B/SEN 46.82'. LOBE 6/7
 RIG TUBULARS: 510 JTS 5" DP,6 - 5" HWDP ,(6 - 8" DC,9 - 6.5" DC LAST INSP. 3-26-12)
 RENT TUBULARS: (9-8" DC, 10-6 1/2" DC LAST INSP. 3-26-12),12-5" HWDP
 CSG ON LOC: 3 JTS 13 3/8"
 RIG FUEL USED LAST 24 HRS 2252 GALS, RECVD 6800 GALS TOTAL 10194 GALS, TOTAL USED 38,935 GAL.
 WATER WELL BBI S USED BBI S. TOTAL USED 9925 BBI S. BRINE 830 BBI S ON HAND

FROM	TO	HRS	PH CD	OP CD	Activity Last 24 Hours
12:00	14:00	2.00	DRILL	DR	ROTARY DRILL 8811' - 8993',182',91'/HR, WOB 17,SPM 110,GPM 460,PP 1600,DIFF 500,TD RPM 80,TQ 11,000,MTR RPM 102 ALARMS SET G/L +/- 5,FLOW +/- 2%,SUR @ 8810',TVD 7381',INC 88.85,AZ 0.81,GAMMA 80-105,TEMP 104
14:00	15:00	1.00	DRILL	DR	SLIDE DRILLING 8993' - 9030',37',37'/HR,WOB 60,SPM 110,GPM 460,PP 1600,DIFF 350,MTR RPM 102,ALARMS PVT +5/-5,FLO +2/-2%
9.00 = Total Hours Today					

WELL:	UNIVERSITY 12-17 #1H	MD (ft):	11,357	TVD (ft):	7,397	DOL:	51	DSS:	43
FIELD:	SOUTH MIDLAND	PROGRESS (ft):	1,352			FOREMAN:	ROBERT JOHNSON		
STATE:	TX REAGAN	HRS DRLG:	19.00			AFE #:	110DC114542	API #:	4238337579
REGION:	MID-CON REGION	24Hr ROP (ft/hr):	71.16	DRLG AFE:	\$4,517,200	AFE Total:	\$9,639,700	CASING (in):	13.375
RIG CONTR:	PATTERSON 240	SPUD DATE:	02/20/2012	RLS DATE:		DAILY	\$115,554	PLAN TD (ft):	14,770
RIG NBR:	PATTERSON 240					DRLG:			
PH NBR:	713-405-1343	SPUD TIME:	06:30	RLS TIME:		DRLG TOT:	\$4,639,166	SHOE TD (ft):	6,485

24 Hrs SUMMARY:	DRILL LATERAL
CURRENT ACTIVITY:	DRILLING AHEAD IN LATERAL @ 11357'
FORECAST:	DRILL LATERAL

BHA # : 12					Trip:		10		MUD PROPERTIES				
Qty	Description		O.D. (in)	I.D. (in)	Length (ft)	Bit:		10		Time:	18:00	Solids:	8.6
1	BIT		8.750		1.00	Model:		Q408FX		Comp:	VENTURE MUD		
1	MUD MOTOR 1.5 BENT HOUSING		6.793	0.000	28.05	S/N:		7029629		Depth (ft):	10,483	Oil:	
1	FLOAT SUB		6.750	2.754	3.09	MFG:		HUGHES		Water:	92	10 sec Gel (lb/100ft³):	0
1	UBHO SUB		6.750	3.000	3.63	Size (in):		8.750		MW (lb/gal):	9.7	10 min Gel (lb/100ft³):	0
1	MONEL DRILL COLLAR		6.875	0.000	30.48	IADC:				VISC (s/qt):	32	30 min Gel (lb/100ft³):	
1	FLEX MONEL		6.875	3.100	30.68	IN (ft):				PV (cP):	2	CA:	320
						OUT:				YP (lb/100ft³):	0	Pm:	0.7
						Length (ft):		3684.00		pH:		Pf:	0.3
						Hours:		59		Chl:	121000	Ex Lime (lb/bbl):	0.10
						ROP (ft/hr):		62.97		WL:	100	Elec Stab:	
						TFA (1/32in²):		0.0304		HTHP:		MBT:	
						WOB (lbs):		30.00		FC (1/32"):	1	ECD (lb/gal):	
						P/U Wt:		216		Mud Used			
						S/O Wt:		180		Mud Additive		Used	
						RPM:		133		CAUSTIC		4	
						ROT Wt:		192		DCS TRICON		6	
						Torque (ft lbf):		11000.00		ENGINEERING		1	
						DRAG:				IDB-80		1	
						I:				SODA ASH		8	
						O:				SURE GUAGE		2	
						D:				TEX-ANN		16	
						L:							
						B:							
						G:							
						O:							
						R:							
Buoyed Weight (lbs): 9592 Total Length (ft): 96.93													
MUD Logging													
Depth (ft):			Max Gas:										
BGG:			Trip Gas:										
CG:			Mud Cut:										
MUD VOLUMES													
DP (bbl):		177.00	Reserve Pits (bbl):		1,190								
Anulus (bbl):		530.00	Active Pits (bbl):		758								
			LOST (bbl):										

Buoyed Weight (lbs): 9592 Total Length (ft): 96.93

MUD Logging	
Depth (ft):	Max Gas:
BGG:	Trip Gas:
CG:	Mud Cut:

MUD VOLUMES			
DP (bbl):	177.00	Reserve Pits (bbl):	1,190
Anulus (bbl):	530.00	Active Pits (bbl):	758
		LOST (bbl):	

SURVEYS							
				KB Elev (ft):	2,806	GL Elev (ft):	2,778
MD (ft)	Angle	Azim	TVD (ft)	V. Sect. (ft)	+N/-S	+E/-W	D.L.
11,263	89.97	1.59	7,397	4198.09	4197.23	84.97	1.05
11,169	90.24	2.56	7,398	4104.11	4103.30	81.56	2.49
11,075	88.57	0.87	7,397	4010.14	4009.37	78.75	0.45
10,980	88.78	1.25	7,394	3915.16	3914.41	76.99	1.11
10,886	89.82	1.46	7,393	3821.18	3820.45	74.77	0.60
10,792	90.38	1.33	7,394	3727.18	3726.48	72.48	0.96
10,697	90.59	2.23	7,394	3632.19	3631.53	69.53	1.27

FROM	TO	HRS	PH CD	OP CD	Activity Last 24 Hours
06:00	08:30	2.50	DRILL	OT	3' OFF BOTTOM WELL SHUT IN H2S ALARMS WENT OFF EVACUATE RIG WAITING ON AMERICAN SAFETY,ARRIVED AT 8:10,SUITED UP, CLEARED ALARMS, NO H2S, FAULTY ALARM
08:30	10:00	1.50	DRILL	CI	STAGE PUMPS UP, ROTATE SLOWLY UNTIL WILL GOT GOOD FLOW,CIRCULATE BOTTOMS UP, 5,100 STRKS, SPM 110,GPM 460, PP 1340, RPM 100, TQ 4-6,MW 9.7, VIS 31
10:00	11:30	1.50	DRILL	DR	ROTARY DRILL 10,005' - 10,097' 92',61.3/HR, WOB 21,SPM 110,GPM 460,PP 1750,DIFF 500,TD RPM 80,TQ 10000,BIT RPM 182,MW 9.7 VIS 28,ALARMS SET G/L +/- 5,FLOW +/- 2%,SUR @ 10,037',TVD 7381',INC 89.55,AZ -2.56,GAMMA 80-105,TEMP 104
11:30	12:00	0.50	DRILL	DR	SLIDE DRILLING 10,097' - 10,115',18',18'/HR,WOB 60,SPM 110,GPM 460,PP 1,600,DIFF 350,BIT RPM 102,MW 9.7, VIS 28,ALARMS PVT +5/-5,FLO +2/-2%,
12:00	14:00	2.00	DRILL	DR	ROTARY DRILL 10,115' - 10,286',171',85.5/HR, WOB 22,SPM 110,GPM 460,PP 1800,DIFF 500,TD RPM 80,TQ 11,000,BIT RPM 182,MW 9.7 VIS 28,ALARMS SET G/L +/- 5,FLOW +/- 2%,SUR @ 10131',TVD 7381',INC 89.41,AZ -2.93,GAMMA 80-105,TEMP 104
14:00	15:00	1.00	DRILL	SR	RIG SERVICE & DROP OBJECT INSPECTION

24.00 = Total Hours Today

HYDRAULICS			
Std. Pipe (psi):	1560	Total GPM (Gals/min):	460
		Total SPM:	110
AV(DP) (ft/min):	218.9	AV(DC) (ft/min):	328.9
Jet Vel (ft/s):	151.75	PSI Drop (psi):	199.762
Bit HP (HP):	53.63	HP/in2 (HP/in²):	0.89

PUMP#1				PUMP#2		PUMP#3	
#Cyl:	3			3			
S.L. (in):	12.000			12.000			
Liner Id (in):	6.000			6.000			
SPM:	55			55			
Rod Dia (in):	12.000			12.000			
Eff %:	95			95			
GPM (Gals/min):	230			230			

SLOW PUMP RATES			
Depth (ft):	10,570		
SPM:	20		40
PRSR (psi):	200		375

Safety		
Test	Date	Pressure
BOP:	03/24/2012	3000
CSG:	03/08/2012	857
Test MW:		9.8
Test TVD (ft):		4,284
Test Prsr (psi):		430
LOT/FIT:		11.7
BOP Drill:		03/29/2012
Fire Drill:		
Evac Drill:		04/02/2012
Safety Meeting:		04/03/2012 05:30
Spills Reported (Y/N):		Y
Accidents(S)(Y/N):		N

GENERAL COMMENTS :

DRILL STRING IN HOLE : BHA=96.93, 119 STDS = 11229.26', 1 SINGLE 31.45 , DOK = TOTAL = 11357.64
MUD MOTOR: 1.50 DEGREE BENT HOUSING,BIT BEND 6.26 ,B/SUR 61', B/SEN 46.82'. LOBE 6/7
RIG TUBULARS: 510 JTS 5" DP,6 - 5" HWDP ,(6 - 8" DC,9 - 6.5" DC LAST INSP. 3-26-12)
RENT TUBULARS: (9-8" DC, 10-6 1/2" DC LAST INSP. 3-26-12),12-5" HWDP
CSG ON LOC: 3 JTS 13 3/8"
RIG FUEL USED LAST 24 HRS 1411 GALS, RECVD 0 GALS TOTAL 7528 GALS, TOTAL USED 40,346 GAL.
WATER WELL BBLs USED BBLs, TOTAL USED 9925 BBLs, BRINE 1376 BBLs ON HAND,

FROM	TO	HRS	PH CD	OP CD	Activity Last 24 Hours
15:00	18:00	3.00	DRILL	DR	ROTARY DRILL 10,286' - 10,483',197',65.5/HR, WOB 22,SPM 110,GPM 460,PP 1800,DIFF 500,TD RPM 80,TQ 11,000,BIT RPM 182,MW 9.7 VIS 28,ALARMS SET G/L +/- 5,FLOW +/- 2%,SUR @ 10508',TVD 7394',INC 90.94,AZ -3.91,GAMMA 80-105,TEMP 104
18:00	19:00	1.00	DRILL	DR	SLIDE DRILLING 10,483' -10503',20',20'/HR,WOB 60,SPM 110,GPM 460,PP 1,600,DIFF 350,BIT RPM 102,MW 9.7, VIS 28,ALARMS PVT +5/-5,FLO +2/-2%,
19:00	22:00	3.00	DRILL	DR	ROTARY DRILL 10,503' - 10755',252',84/HR, WOB 22,SPM 110,GPM 460,PP 1800,DIFF 500,TD RPM 80,TQ 11,000,BIT RPM 182,MW 9.7 VIS 28,ALARMS SET G/L +/- 5,FLOW +/- 2%,SUR @ 10697',TVD 7394',INC 90.59,AZ -2.23,GAMMA 80-105,TEMP 104
22:00	22:30	0.50	DRILL	DR	SLIDE DRILLING 10,755' -10780',25',25'/HR,WOB 60,SPM 110,GPM 460,PP 1,600,DIFF 350,BIT RPM 102,MW 9.7, VIS 28,ALARMS PVT +5/-5,FLO +2/-2%,
22:30	01:30	3.00	DRILL	DR	ROTARY DRILL 10,780' -11042',262',87.3/HR, WOB 22,SPM 110,GPM 460,PP 1800,DIFF 500,TD RPM 80,TQ 11,000,BIT RPM 182,MW 9.7 VIS 28,ALARMS SET G/L +/- 5,FLOW +/- 2%,SUR @ 10980',TVD 7394',INC88.78,AZ -1.25,GAMMA 80-105,TEMP 104
01:30	02:00	0.50	DRILL	DR	SLIDE DRILLING 11042' -11059',17',34'/HR,WOB 60,SPM 110,GPM 460,PP 1,600,DIFF 350,BIT RPM 102,MW 9.7, VIS 28,ALARMS PVT +5/-5,FLO +2/-2%,
02:00	04:00	2.00	DRILL	DR	ROTARY DRILL 11059' -11230',171',85.5/HR, WOB 22,SPM 110,GPM 460,PP 1800,DIFF 500,TD RPM 80,TQ 11,000,BIT RPM 182,MW 9.7 VIS 28,ALARMS SET G/L +/- 5,FLOW +/- 2%,SUR @ 11169',TVD 7397',INC 90.24,AZ -2.56,GAMMA 80-105,TEMP 104
04:00	04:30	0.50	DRILL	DR	SLIDE DRILLING 11,230' -11250',20',40'/HR,WOB 60,SPM 110,GPM 460,PP 1,600,DIFF 350,MTR RPM 102,MW 9.7, VIS 28,ALARMS PVT +5/-5,FLO +2/-2%,
04:30	06:00	1.50	DRILL	DR	ROTARY DRILL 11250' -11357',107',71.3/HR, WOB 22,SPM 110,GPM 460,PP 1800,DIFF 500,TD RPM 80,TQ 11,000,BIT RPM 182,MW 9.7 VIS 28,ALARMS SET G/L +/- 5,FLOW +/- 2%,SUR @ 11263',TVD 7397',INC 89.97,AZ -1.59,GAMMA 80-105,TEMP 104
24.00 = Total Hours Today					

WELL:	UNIVERSITY 12-17 #1H	MD (ft):	12,552	TVD (ft):	7,425	DOL:	52	DSS:	44
FIELD:	SOUTH MIDLAND	PROGRESS (ft):	1,195			FOREMAN:	ROBERT JOHNSON		
STATE:	TX REAGAN	HRS DRLG:	17.00			AFE #:	110DC114542	API #:	4238337579
REGION:	MID-CON REGION	24Hr ROP (ft/hr):	70.29	DRLG AFE:	\$4,517,200	AFE Total:	\$9,639,700	CASING (in):	13.375
RIG CONTR:	PATTERSON 240	SPUD DATE:	02/20/2012	RLS DATE:		DAILY	\$72,182	PLAN TD (ft):	14,770
RIG NBR:	PATTERSON 240					DRLG:			
PH NBR:	713-405-1343	SPUD TIME:	06:30	RLS TIME:		DRLG TOT:	\$4,711,348	SHOE TD (ft):	6,485

24 Hrs SUMMARY:	DRILL
CURRENT ACTIVITY:	DRILLING LATERAL @ 12,552'
FORECAST:	DRILL LATERAL

BHA # : 12					Trip: 10		MUD PROPERTIES	
Qty	Description	O.D. (in)	I.D. (in)	Length (ft)	Bit:	10	Time:	18:00 Solids:
1	BIT	8.750		1.00	Model:	Q408FX	Comp:	VENTURE
1	MUD MOTOR 1.5 BENT HOUSING	6.793	0.000	28.05	S/N:	7029629	Depth (ft):	11,796 Oil:
1	FLOAT SUB	6.750	2.754	3.09	MFG:	HUGHES	Water:	92 10 sec Gel (lb/100ft³):
1	UBHO SUB	6.750	3.000	3.63	Size (in):	8.750	MW (lb/gal):	9.6 10 min Gel (lb/100ft³):
1	MONEL DRILL COLLAR	6.875	0.000	30.48	IADC:		VISC (s/qt):	32 30 min Gel (lb/100ft³):
1	FLEX MONEL	6.875	3.100	30.68	IN (ft):		PV (cP):	2 CA:
					OUT:		YP (lb/100ft³):	0 Pm:
					Length (ft):	4879.00	pH:	10.0 Pf:
					Hours:	76	Chl:	116000 Ex Lime (lb/bbl):
					ROP (ft/hr):	64.62	WL:	100 Elec Stab:
					TFA (1/32in²):	0.0304	HTHP:	MBT:
					WOB (lbs):	30.00	FC (1/32"):	1 ECD (lb/gal):
					P/U Wt:	212		
					S/O Wt:	190		
					RPM:	102		
					ROT Wt:	195		
					Torque (ft lbf):	11000.00		
					DRAG:			
					I:			
					O:			
					D:			
					L:			
					B:			
					G:			
					O:			
					R:			

Buoyed Weight (lbs): 9609 Total Length (ft): 96.93

MUD Logging			
Depth (ft):	11,660	Max Gas:	400
BGG:	85	Trip Gas:	
CG:		Mud Cut:	

MUD VOLUMES			
DP (bbl):		Reserve Pits (bbl):	
Anulus (bbl):		Active Pits (bbl):	
		LOST (bbl):	

SURVEYS							
MD (ft)	Angle	Azim	TVD (ft)	V. Sect. (ft)	+N-S	+E-W	D.L.
12,396	88.71	359.76	7,425	5330.42	5329.10	118.66	0.30
12,301	88.50	359.96	7,422	5235.47	5234.13	118.90	0.88
12,207	88.15	0.72	7,420	5141.52	5140.18	118.34	0.70
12,113	87.65	0.27	7,416	5047.60	5046.25	117.53	1.06
12,018	87.73	1.29	7,412	4952.68	4951.33	116.23	0.57
11,924	87.58	1.81	7,408	4858.76	4857.45	113.69	1.17
11,830	88.01	2.84	7,405	4764.85	4763.60	109.88	1.22

FROM	TO	HRS	PH CD	OP CD	Activity Last 24 Hours
06:00	07:00	1.00	DRILL	DR	ROTARY DRILL 11357' -11420',63',63'/HR, WOB 24,SPM 110,GPM 460,PP 2050,DIFF 500,TD RPM 80,TQ 11,000,BIT RPM 182,MW 9.8 VIS 33,ALARMS SET G/L +/- 5,FLOW +/- 2%
07:00	07:30	0.50	DRILL	SU	SUR @ 11358' TVD 7398',INC 89.48,AZ 1.82,GAMMA 35-135,TEMP 130
07:30	08:30	1.00	DRILL	DR	SLIDE DRILLING 11420' -11449',29',29'/HR,WOB 70,SPM 110,GPM 460,PP 2000,DIFF 400,MTR RPM 102,TF 150L,MW 9.75, VIS 33,ALARMS PVT +5/-5,FLO +2/-2%
08:30	09:30	1.00	DRILL	DR	ROTARY DRILL 11449' -11513',64',64'/HR, WOB 25,SPM 110,GPM 460,PP 2050,DIFF 500,TD RPM 80,TQ 11,000,BIT RPM 182,MW 9.7 VIS 32,ALARMS SET G/L +/- 5,FLOW +/- 2%
09:30	10:00	0.50	DRILL	SR	RIG SERVICE RESET POP OFF ON MUD PUMP
10:00	11:00	1.00	DRILL	DR	SLIDE DRILLING 11513' -11541',28',28'/HR,WOB 70,SPM 110,GPM 460,PP 1850,DIFF 400,MTR RPM 102,TF 150L,MW 9.7, VIS 32,ALARMS PVT +5/-5,FLO +2/-2%
11:00	12:00	1.00	DRILL	DR	ROTARY DRILL 11541' -11609',68',68'/HR, WOB 26,SPM 110,GPM 460,PP 1950,DIFF 500,TD RPM 80,TQ 11-14,000,BIT RPM 182,MW 9.7 VIS 32,ALARMS SET G/L +/- 5,FLOW +/- 2%

24.00 = Total Hours Today

HYDRAULICS			
Std. Pipe (psi):	1950	Total GPM (Gals/min):	460
		Total SPM:	110
AV(DP) (ft/min):	218.9	AV(DC) (ft/min):	328.9
Jet Vel (ft/s):	151.75	PSI Drop (psi):	197.703
Bit HP (HP):	53.08	HP/in2 (HP/in²):	0.88

	PUMP#1	PUMP#2	PUMP#3
#Cyl:	3	3	
S.L. (in):	12.000	12.000	
Liner Id (in):	6.000	6.000	
SPM:	55	55	
Rod Dia (in):	12.000	12.000	
Eff %:	95	95	
GPM (Gals/min):	230	230	

SLOW PUMP RATES			
Depth (ft):			
SPM:	20	40	
PRSR (psi):	200	375	

Safety		
Test	Date	Pressure
BOP:	03/24/2012	3000
CSG:	03/08/2012	857
Test MW:		9.8
Test TVD (ft):		4,284
Test Prsr (psi):		430
LOT/FIT:		11.7
BOP Drill:		03/29/2012
Fire Drill:		
Evac Drill:		04/02/2012
Safety Meeting:		04/04/2012 05:30
Spills Reported (Y/N):		N
Accidents(S)(Y/N):		N

GENERAL COMMENTS :

DRILL STRING IN HOLE : BHA=96.93, 132 STDS = 12455.89' , DOK = TOTAL = 12552.82
MUD MOTOR: 1.50 DEGREE BENT HOUSING,BIT BEND 6.26 ,B/SUR 61' , B/SEN 46.82'. LOBE 6/7
RIG TUBULARS: 510 JTS 5" DP,6 - 5" HWDP ,(6 - 8" DC,9 - 6.5" DC LAST INSP. 3-26-12)
RENT TUBULARS: (9-8" DC,10-6 1/2" DC LAST INSP. 3-26-12),12-5" HWDP
CSG ON LOC: 3 JTS 13 3/8"
RIG FUEL USED LAST 24 HRS 1412 GALS, RECVD 0 GALS TOTAL 6116 GALS, TOTAL USED 41,758 GAL.
WATER WELL BBLS USED 1054 BBLS, TOTAL USED 10,979 BBLS, BRINE 1311 BBLS ON HAND,

FROM	TO	HRS	PH CD	OP CD	Activity Last 24 Hours
12:00	13:30	1.50	DRILL	CI	PUMP 35 BBL SWEEP,CIRC OUT SAME,WORKING FULL STD @ 100 RPM, CUTTINGS INCREASED T/ DIME/NICKLE SIZE,NO INCREASE IN CUTTINGS WHEN SWEEP BACK T/SURFACE,SURVEY @ 11546',TVD 7399',INC 89.41,AZ 2.99,GAMMA 76-106,TEMP 126
13:30	14:30	1.00	DRILL	DR	SLIDE DRILLING 11609' -11638',29',29'/HR,WOB 70,SPM 110,GPM 460,PP 1850,DIFF 350,MTR RPM 102,TF 150L,MW 9.5, VIS 32,BGG 20,MAX GAS 370 NO CUT,ALARMS PVT +5/-5,FLO +2/-2%
14:30	15:00	0.50	DRILL	DR	ROTARY DRILL 11638' -11703',65',130'/HR, WOB 26,SPM 110,GPM 460,PP 1950,DIFF 500,TD RPM 80,TQ 11K,BIT RPM 182,MW 9.5 VIS 32,BBG 20-50,ALARMS SET G/L +/- 5,FLOW +/- 2%
15:00	15:30	0.50	DRILL	SU	SURVEY @ 11,641' TVD 7,401.33' INC.88.92, AZ-2.55, GAMMA-75-101, TEMP-130
15:30	16:30	1.00	DRILL	DR	SLIDE DRILLING F/ 11703' T/ 11718',15'@15'/HR,WOB 60,SPM 110,GPM 460,PP 1850,DIFF 350,MTR RPM 102,TF 150L,MW 9.5, VIS 32,BGG 20,MAX GAS 370 NO CUT,ALARMS PVT +5/-5,FLO +2/-2%
16:30	17:30	1.00	DRILL	DR	ROTARY DRILL 11718' -11795',77'@77'/HR, WOB 26,SPM 110,GPM 460,PP 1950,DIFF 500,TD RPM 80,TQ 11K,BIT RPM 182,MW 9.5 VIS 32,BBG 20-50,ALARMS SET G/L +/- 5,FLOW +/- 2%
17:30	18:00	0.50	DRILL	SU	SURVEY @ 11,735' TVD 7,401.33' INC.89.19, AZ- .70, GAMMA-95-110, TEMP-130
18:00	19:00	1.00	DRILL	DR	SLIDE DRILLING F/ 11795' T/ 11828',33'@33'/HR,WOB 70,SPM 110,GPM 460,PP 1850,DIFF 350,MTR RPM 102,TF 150L,MW 9.5, VIS 32,BGG 20,ALARMS PVT +5/-5,FLO +2/-2%
19:00	20:00	1.00	DRILL	DR	ROTARY DRILL F/11828' T/11892',64'@64'/HR, WOB 26,SPM 110,GPM 460,PP 1950,DIFF 500,TD RPM 80,TQ 11K,BIT RPM 182,MW 9.6 VIS 32,BBG 20-50,ALARMS SET G/L +/- 5,FLOW +/- 2%
20:00	20:30	0.50	DRILL	SU	SURVEY @ 11,830' TVD 7,401.33' INC.88.01, AZ-2.84, GAMMA-95-110, TEMP-130
20:30	21:30	1.00	DRILL	DR	SLIDE DRILLING F/ 11892' T/ 11918',26'@26'/HR,WOB 70,SPM 110,GPM 460,PP 1850,DIFF 350,MTR RPM 102,TF 140L,MW 9.6, VIS 32,BGG 25,ALARMS PVT +5/-5,FLO +2/-2%
21:30	22:00	0.50	DRILL	DR	ROTARY DRILL F/11918' T/11986',68'@136'/HR, WOB 26,SPM 110,GPM 460,PP 1950,DIFF 500,TD RPM 80,TQ 11K,BIT RPM 182,MW 9.5 VIS 32,BG GAS 20-40,ALARMS SET G/L +/- 5,FLOW +/- 2%
22:00	22:30	0.50	DRILL	SU	SURVEY @ 11,924' TVD 7,408.00' INC.87.58, AZ-1.81, GAMMA-80-100, TEMP-131
22:30	23:00	0.50	DRILL	DR	ROTARY DRILL F/11986' T/ 12081',95'@190'/HR, WOB 26,SPM 110,GPM 460,PP 1950,DIFF 500,TD RPM 80,TQ 11K,BIT RPM 182,MW 9.6+ VIS 32,BG GAS 20-40,MAX GAS 165 NO CUT ALARMS SET G/L +/- 5,FLOW +/- 2%
23:00	23:30	0.50	DRILL	SU	SURVEY @ 12018' TVD 7,412.00' INC.87.73, AZ-1.29, GAMMA-85-110, TEMP-132
23:30	00:00	0.50	DRILL	DR	ROTARY DRILL F/12081' T/ 12175',94'@188'/HR, WOB 26,SPM 110,GPM 460,PP 1950,DIFF 500,TD RPM 80,TQ 11K,BIT RPM 182,MW 9.6 VIS 32,BG GAS 20-40,MAX GAS 165 NO CUT ALARMS SET G/L +/- 5,FLOW +/- 2%
00:00	00:30	0.50	DRILL	SU	SURVEY @ 12113' TVD 7,416.49' INC.87.65, AZ-.27, GAMMA-90-115, TEMP-133
00:30	01:30	1.00	DRILL	DR	ROTARY DRILL F/12175' T/ 12269',94'@94'/HR, WOB 20-25,SPM 110,GPM 460,PP 1950,DIFF 500,TD RPM 80,TQ 11K,BIT RPM 182,MW 9.6 VIS 32,BG GAS 10-20, ALARMS SET G/L +/- 5,FLOW +/- 2%
01:30	02:00	0.50	DRILL	SU	SURVEY @ 12207' TVD 7,419' INC.88.15, AZ-.72, GAMMA-90-110, TEMP-135
02:00	03:00	1.00	DRILL	DR	ROTARY DRILL F/12269 T/ 12364',95'@95'/HR, WOB 24,SPM 110,GPM 460,PP 1950,DIFF 500,TD RPM 80,TQ 11K,BIT RPM 182,MW 9.6+ VIS 32,BG GAS 30-60, ALARMS SET G/L +/- 5,FLOW +/- 2%
03:00	03:30	0.50	DRILL	SU	SURVEY @ 12301' TVD 7,422' INC.88.50, AZ-359.96, GAMMA-90-110, TEMP-133
03:30	04:30	1.00	DRILL	DR	ROTARY DRILL F/12364' T 12458',94'@94'/HR, WOB 26,SPM 110,GPM 460,PP 1950,DIFF 500,TD RPM 80,TQ 11K,BIT RPM 182,MW 9.6 VIS 32,BG GAS 30-60, ALARMS SET G/L +/- 5,FLOW +/- 2%
04:30	05:00	0.50	DRILL	SU	SURVEY @ 12,396' TVD 7,425' INC.88.71, AZ-359.76, GAMMA-90-105, TEMP-135
05:00	06:00	1.00	DRILL	DR	ROTARY DRILL F/12,458 T/ 12,552' 94'@94'/HR, WOB 22-26,SPM 110,GPM 460,PP 1950,DIFF 500,TD RPM 80,TQ 11K,BIT RPM 182,MW 9.6 VIS 32,BG GAS 30-60, ALARMS SET G/L +/- 5,FLOW +/- 2%
24.00 = Total Hours Today					



DAILY DRILLING REPORT

DATE : 04/05/2012

WELL:	UNIVERSITY 12-17 #1H	MD (ft):	13,314	TVD (ft):	7,417	DOL:	53	DSS:	45
FIELD:	SOUTH MIDLAND	PROGRESS (ft):	762			FOREMAN:	ROBERT JOHNSON		
STATE:	TX REAGAN	HRS DRLG:	14.00			AFE #:	110DC114542	API #:	4238337579
REGION:	MID-CON REGION	24Hr ROP (ft/hr):	54.43	DRLG AFE:	\$4,517,200	AFE Total:	\$9,639,700	CASING (in):	13.375
RIG CONTR:	PATTERSON 240	SPUD DATE:	02/20/2012	RLS DATE:		DAILY	\$520,893	PLAN TD (ft):	14,770
RIG NBR:	PATTERSON 240					DRLG:			
PH NBR:	713-405-1343	SPUD TIME:	06:30	RLS TIME:		DRLG TOT:	\$5,232,241	SHOE TD (ft):	6,485
24 Hrs SUMMARY:	DRILL,CIRC.DRILL,R/SERVICE,DRILL,CIRC,POOH								
CURRENT ACTIVITY:	POOH @ 12900' F/MOTOR								
FORECAST:	POOH C/O BIT,MOTOR,MWD,TIH								

BHA # : 12					Trip:		10		MUD PROPERTIES				
Qty	Description		O.D. (in)	I.D. (in)	Length (ft)	Bit:			Time:	18:00	Solids:	8.5	
1	BIT		8.750		1.00	Model:	Q408FX		Comp:	VENTURE			
1	MUD MOTOR 1.5 BENT HOUSING		6.793	0.000	28.05	S/N:	7029629		Depth (ft):	13,055	Oil:		
1	FLOAT SUB		6.750	2.754	3.09	MFG:	HUGHES		Water:	92	10 sec Gel (lb/100ft³):	0	
1	UBHO SUB		6.750	3.000	3.63	Size (in):	8.750		MW (lb/gal):	9.6	10 min Gel (lb/100ft³):	0	
1	MONEL DRILL COLLAR		6.875	0.000	30.48	IADC:			VISC (s/qt):	32	30 min Gel (lb/100ft³):		
1	FLEX MONEL		6.875	3.100	30.68	IN (ft):			PV (cP):	2	CA:	200	
						OUT:			YP (lb/100ft³):	0	Pm:	1.0	
						Length (ft):	5641.00		pH:	10.0	Pf:	0.4	
						Hours:	90		Chl:	112000	Ex Lime (lb/bbl):		
						ROP (ft/hr):	63.03		WL:	100	Elec Stab:		
						TFA (1/32in²):	0.0304		HTHP:		MBT:		
						WOB (lbs):	30.00		FC (1/32"):	1	ECD (lb/gal):		
						P/U Wt:	248		Mud Used				
						S/O Wt:	160		Mud Additive		Used		
						RPM:	102		ENGINEERING		1		
						ROT Wt:	196		IDB-80		1		
						Torque (ft lbf):	16000.00		NUT SHELL		2		
						DRAG:			SALT		2		
						I:			SODA ASH		6		
						O:			TEX-ANN		30		
						D:							
						L:							
						B:							
						G:							
						O:							
						R:							

Buoyed Weight (lbs):		9600	Total Length (ft):		96.93
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MUD Logging			
Depth (ft):	13,074	Max Gas:	205
BGG:	90	Trip Gas:	
CG:		Mud Cut:	

MUD VOLUMES			
DP (bbl):		Reserve Pits (bbl):	
Anulus (bbl):		Active Pits (bbl):	
		LOST (bbl):	

SURVEYS								KB Elev (ft):	2,806	GL Elev (ft):	2,778
MD (ft)	Angle	Azim	TVD (ft)	V. Sect. (ft)	+N/-S	+E/-W	D.L.				
13,244	92.83	356.89	7,418	6176.55	6176.06	87.47	0.92				
13,150	92.70	356.02	7,422	6082.98	6082.35	93.28	1.83				
13,056	91.72	357.47	7,426	5989.34	5988.58	98.61	0.39				
12,961	91.78	357.84	7,429	5894.56	5893.70	102.49	1.09				
12,867	90.87	357.34	7,431	5800.78	5799.82	106.45	0.86				
12,733	89.90	358.00	7,432	5667.04	5665.94	111.89	1.56				
12,678	89.06	358.23	7,431	5612.12	5610.97	113.70	0.74				

HYDRAULICS			
Std. Pipe (psi):	1950	Total GPM (Gals/min):	460
		Total SPM:	110
AV(DP) (ft/min):	218.9	AV(DC) (ft/min):	328.9
Jet Vel (ft/s):	151.75	PSI Drop (psi):	198.732
Bit HP (HP):	53.36	HP/in2 (HP/in²):	0.89

PUMP#1				PUMP#2		PUMP#3	
#Cyl:	3			3			
S.L. (in):	12.000			12.000			
Liner Id (in):	6.000			6.000			
SPM:	55			55			
Rod Dia (in):	12.000			12.000			
Eff %:	95			95			
GPM (Gals/min):	230			230			

SLOW PUMP RATES			
Depth (ft):			
SPM:	20		40
PRSR (psi):	200		375

Safety		
Test	Date	Pressure
BOP:	03/24/2012	3000
CSG:	03/08/2012	857
Test MW:		9.8
Test TVD (ft):		4,284
Test Prsr (psi):		430
LOT/FIT:		11.7
BOP Drill:		03/29/2012
Fire Drill:		
Evac Drill:		04/02/2012
Safety Meeting:		04/05/2012 05:30
Spills Reported (Y/N):		N
Accidents(S)(Y/N):		N

FROM	TO	HRS	PH CD	OP CD	Activity Last 24 Hours
06:00	07:00	1.00	DRILL	DR	ROTARY DRILL F/12552 - 12644',92'@92'/HR, WOB 20,SPM 110,GPM 460,PP 2100,DIFF 500,TD RPM 80,TQ 11-16K,BIT RPM 182,MW 9.7 VIS 33,BG GAS 30-60,ALARMS SET G/L +/- 5,FLOW +/- 2%
07:00	07:30	0.50	DRILL	SU	CONN & SUR. @ 12584',TVD 7429',INC 88.57,AZ 358.74,GAMMA 93-135,TEMP 137
07:30	08:30	1.00	DRILL	DR	ROTARY DRILL F/12644 - 12738',94'@94'/HR, WOB 20,SPM 110,GPM 460,PP 2150,DIFF 500,TD RPM 80,TQ 11-16K,BIT RPM 182,MW 9.7 VIS 33,BG GAS 66,ALARMS SET G/L +/- 5,FLOW +/- 2%
08:30	10:00	1.50	DRILL	CI	PUMP 35 BBL SWEEP CIRC OUT NO INCREASE IN CUTTINGS,SUR @ 12678' TVD 7431',INC 89.06,AZ 358.23,GAMMA 64-103,TEMP 137
10:00	10:30	0.50	DRILL	DR	ROTARY DRILL F/12738 - 12774',36'@72'/HR, WOB 20,SPM 110,GPM 460,PP 2050,DIFF 500,TD RPM 80,TQ 14-16K,BIT RPM 182,MW 9.7 VIS 32,BG GAS 60,ALARMS SET G/L +/- 5,FLOW +/- 2%
10:30	12:00	1.50	DRILL	DR	SLIDE DRILLING F/ 12774' - 12795',21'@14'/HR,WOB 70-80,SPM 110,GPM 460,PP 1800,DIFF 300,MTR RPM 102,TF 20R,MW 9.6+, VIS 33,BGG 40,ALARMS PVT +5/-5,FLO +2/-2%

24.00 = Total Hours Today

GENERAL COMMENTS :

DRILL STRING IN HOLE : BHA=96.93, 140 STDS = 13201.50' , DOK =16' TOTAL = 13,314.43' MUD MOTOR: 1.50 DEGREE BENT HOUSING,BIT BEND 6,26 ,B/SUR 61'., B/SEN 46.82'. LOBE 6/7
RIG TUBULARS: 510 JTS 5" DP,6 - 5" HWDP (6 - 8" DC,9 - 6.5" DC LAST INSP. 3-26-12)
RENT TUBULARS: (9-8" DC,10-6 1/2" DC LAST INSP. 3-26-12),12-5" HWDP
CSG ON LOC: 3 JTS 13 3/8",349 JTS 5.5"
RIG FUEL USED LAST 24 HRS 1768 GALS, RECVD 0 GALS TOTAL 4348 GALS, TOTAL USED 43,526 GAL.
WATER WELL BBLs USED 0 BBLs, TOTAL USED 10,979 BBLs, BRINE 1258 BBLs ON HAND,

FROM	TO	HRS	PH CD	OP CD	Activity Last 24 Hours
12:00	12:30	0.50	DRILL	DR	ROTARY DRILL F/12795 - 12835',40'@80'/HR, WOB 20-25,SPM 110,GPM 460,PP 2180,DIFF 500,TD RPM 80,TQ 14-16K,BIT RPM 182,MW 9.7 VIS 34,BG GAS 34, ALARMS SET G/L +/- 5,FLOW +/- 2%
12:30	13:00	0.50	DRILL	SU	CONN & SUR @ 12773',TVD 7432',INC 89.9,AZ 358,GAMMA 80-103,TEMP 133
13:00	13:30	0.50	DRILL	DR	ROTARY DRILL F/12835 - 12874',39'@ 78'/HR, WOB 20-25,SPM 110,GPM 460,PP 2180,DIFF 500,TD RPM 90,TQ 14-16K,BIT RPM 182,MW 9.6+ VIS 32,BG GAS 65, ALARMS SET G/L +/- 5,FLOW +/- 2%
13:30	14:00	0.50	DRILL	DR	SLIDE DRILLING F/ 12874' - 12884',10'@20'/HR,WOB 80,SPM 110,GPM 460,PP 1850,DIFF 350,MTR RPM 102,TF 20R,MW 9.6+, VIS 32,BGG 70,,ALARMS PVT +5/-5,FLO +2/-2%
14:00	14:30	0.50	DRILL	DR	ROTARY DRILL F/12884 - 12927',43'@ 43'/HR, WOB 20-25,SPM 110,GPM 460,PP 2180,DIFF 500,TD RPM 90,TQ 14-16K,BIT RPM 182,MW 9.6+ VIS 32,BG GAS 30, ALARMS SET G/L +/- 5,FLOW +/- 2%
14:30	15:00	0.50	DRILL	SR	RIG SERVICE
15:00	15:30	0.50	DRILL	SU	CONN & SUR @ 12867',TVD 7431',INC 90.89,AZ 357.84,GAMMA 80-103,TEMP 133
15:30	16:00	0.50	DRILL	DR	ROTARY DRILL F/12927 T/12959',32'@ 64'/HR, WOB 20-25,SPM 110,GPM 460,PP 2180,DIFF 500,TD RPM 90,TQ 14-16K,BIT RPM 182,MW 9.6+ VIS 32,BG GAS 40, ALARMS SET G/L +/- 5,FLOW +/- 2%
16:00	17:00	1.00	DRILL	DR	SLIDE DRILLING F/ 12959 T/ 12977',18'@18'/HR,WOB 80,SPM 110,GPM 460,PP 1850,DIFF 350,MTR RPM 102,TF 120R,MW 9.6+, VIS 32,BGG 35,,ALARMS PVT +5/-5,FLO +2/-2%
17:00	18:00	1.00	DRILL	DR	ROTARY DRILL F/12977 T/ 13055',78'@ 78'/HR, WOB 20-25,SPM 110,GPM 460,PP 2180,DIFF 450-500,TD RPM 90,TQ 14-16K,BIT RPM 182,MW 9.6+ VIS 32,BG GAS 40, ALARMS SET G/L +/- 5,FLOW +/- 2%
18:00	18:30	0.50	DRILL	DR	ROTARY DRILL F/13055 T/ 13118',63'@ 126'/HR, WOB 20-25,SPM 110,GPM 460,PP 2180,DIFF 450-500,TD RPM 90,TQ 14-16K,BIT RPM 182,MW 9.6+ VIS 32,BG GAS 40, ALARMS SET G/L +/- 5,FLOW +/- 2%
18:30	19:00	0.50	DRILL	SU	CONN & SUR @ 13056',TVD 7426',INC 91.72,AZ 357.47,GAMMA 95-125,TEMP 139
19:00	20:00	1.00	DRILL	DR	SLIDE DRILLING F/ 13118 T/ 13134',16'@16'/HR,WOB 60-80,SPM 110,GPM 460,PP 1850,DIFF 350,MTR RPM 102,TF 120R,MW 9.6+, VIS 32,BGG 35,,ALARMS PVT +5/-5,FLO +2/-2%
20:00	21:00	1.00	DRILL	DR	ROTARY DRILL F/13134 T/ 13213',79'@ 79'/HR, WOB 20-25,SPM 110,GPM 460,PP 2180,DIFF 450-500,TD RPM 90,TQ 14-16K,BIT RPM 182,MW 9.6+ VIS 32,BG GAS 40, ALARMS SET G/L +/- 5,FLOW +/- 2%
21:00	21:30	0.50	DRILL	SU	CONN & SUR @ 13150',TVD 7423',INC 91.70,AZ 356.02,GAMMA 95-125,TEMP 139
21:30	22:30	1.00	DRILL	DR	SLIDE DRILLING F/ 13213' T/ 13243',30'@30'/HR,WOB 60-80,SPM 110,GPM 460,PP 1950,DIFF 350,MTR RPM 102,TF 90R,MW 9.6, VIS 32,BGG 20,,ALARMS PVT +5/-5,FLO +2/-2%
22:30	23:30	1.00	DRILL	DR	ROTARY DRILL F/13243 T/ 13307',64'@ 64'/HR, WOB 20-25,SPM 110,GPM 460,PP 2180,DIFF 450-500,TD RPM 90,TQ 14-16K,BIT RPM 182,MW 9.6+ VIS 32,BG GAS 25, ALARMS SET G/L +/- 5,FLOW +/- 2%
23:30	00:00	0.50	DRILL	SU	CONN & SUR @ 13244',TVD 7418',INC 92.83,AZ 356.02,GAMMA 90-120,TEMP 137
00:00	01:00	1.00	DRILL	DR	SLIDE DRILLING F/ 13307' T/ 13314',7'@7'/HR,WOB 60-80,SPM 110,GPM 460,PP 1950,DIFF 350,MTR RPM 102,TF 90R,MW 9.6, VIS 32,BGG 20,,ALARMS PVT +5/-5,FLO +2/-2%
01:00	03:00	2.00	DRILL	CI	PUMP 40 BBL. SWEEP AND CIRCULATE HOLE CLEAN
03:00	04:00	1.00	DRILL	CI	BUILD SLUG AND PREP. TO POOH FOR MOTOR FAILURE
04:00	06:00	2.00	DRILL	TR	CHECK FLOW,PUMP SLUG AND POOH FROM 13,314' DUE TO MOTOR FAILURE MONITOR WELL @ TRIP TANK
24.00 = Total Hours Today					

WELL:	UNIVERSITY 12-17 1H				DOL:	54	DSS:	46
FIELD:	SOUTH MIDLAND	MD (ft):	13,314	TVD (ft):	7,416	FOREMAN:	ROBERT JOHNSON	
STATE:	TX REAGAN	PROGRESS (ft):	0			APE #:	110DC114542	API #: 4238337579
REGION:	MID-CON REGION	HRS DRLG:				APE Total:	\$9,639,700	CASING (in): 13.375
RIG CONTR:	PATTERSON 240	24Hr ROP (t/hr):		DRLG AFE:	\$4,517,200	DAILY	\$103,168	PLAN TD (ft): 14,770
RIG NBR:	PATTERSON 240	SPUD DATE:	02/20/2012	RLS DATE:		DRLG:		
PH NBR:	713-405-1343	SPUD TIME:	06:30	RLS TIME:		DRLG TOT:	\$5,335,408	SHOE TD (ft): 6,488

24 Hrs SUMMARY:	POOH,CIRC,POOH,C/O BIT,MOTOR,MWD,TEST SAME,TIH
CURRENT ACTIVITY:	TIH @ 11,137'
FORECAST:	TIH TO 13314, DRILL LATERAL

BHA # : 13				
Qty	Description	O.D. (in)	I.D. (in)	Length (ft)
1	BIT	8.750		1.00
1	MUD MOTOR 1.5 BENT HOUSING	6.750		28.22
1	FLOAT SUB	6.750	2.754	3.09
1	UBHO SUB	6.750	3.000	3.63
1	FLEX MONEL	6.875		30.48
1	FLEX MONEL	6.825		30.68
Buoyed Weight (lbs): 10195 Total Length (ft): 97.10				
MUD Logging				
Depth (ft):		Max Gas:		
BGG:		Trip Gas:		
CG:		Mud Cut:		
MUD VOLUMES				
DP (bbl):		Reserve Pits (bbl):		
Annulus (bbl):		Active Pits (bbl):		
		LOST (bbl):		

Trip:	11	10
Bit:	11	10
Model:	DP406FX	Q408FX
S/N:	TX17114R	7029629
MFG:	HUGHES	HUGHES
Size (in):	8.750	8.750
IADC:		
OUT:	13314.00	
IN (ft):		13314.00
Length (ft):		5641.00
Hours:		90
ROP (ft/hr):		63.03
TFA (1/32in²):	0.0263	0.0304
WOB (lbs):		30.00
P/U Wt:		
S/O Wt:		
RPM:		102
ROT Wt:		
Torque (ft lbf):		
DRAG:		
I:		
O:		
D:		
L:		
B:		
G:		
O:		
R:		

MUD PROPERTIES			
Time:	18:00	Solids:	8.8
Comp:	VENTURE		
Depth (ft):	13,314	Oil:	
Water:	91	10 sec Gel (lb/100ft³):	0
MW (lb/gal):	9.7	10 min Gel (lb/100ft³):	0
VISC (s/qt):	32	30 min Gel (lb/100ft³):	
PV (cP):	2	CA:	
YP (lb/100ft³):	0	Pm:	0.4
pH:	10.0	Pf:	0.1
Chl:	111000	Ex Lime (lb/bbl):	
WL:	100	Elec Stab:	
HTHP:		MBT:	
FC (1/32"):	1	ECD (lb/gal):	

Mud Used	
Mud Additive	Used
BARITE	110
ENGINEERING	1
IDB-80	1
SURE GUAGE	1
TEX-ANN	4

[illegible]

24.00 = Total Hours Today

GENERAL COMMENTS :

DRILL STRING IN HOLE : BHA=97.10, 117' STDS = 11,040.58', , DOK ' TOTAL = 11,137' MUD MOTOR: 1.50 DEGREE BENT HOUSING,BIT BEND 6,26 ,B/SUR 61'., B/ SEN 46.82'. LOBE 6/7
RIG TUBULARS: 510 JTS 5" DP,6 - 5" HWDP ,(6 - 8" DC,9 - 6.5" DC LAST INSP. 3-26-12)
RENT TUBULARS: (9-8" DC,10-6 1/2" DC LAST INSP. 3-26-12),12-5" HWDP
CSG ON LOC: 3 JTS 13 3/8",349 JTS 5.5"
RIG FUEL USED LAST 24 HRS 1895 GALS, RECV'D 6800 GALS TOTAL 9253 GALS, TOTAL USED 43,526 GAL.
WATER WELL BBLs USED 0 BBLs. TOTAL USED 10.979 BBLs. BRINE 1258 BBLs ON HAND.

FROM	TO	HRS	PH CD	OP CD	Activity Last 24 Hours
23:30	00:30	1.00	DRILL	TR	TIH F/5270' T/6500' MONITOR WELL AT TRIP TANK CALCULATED DISPLACEMENT=36 BBL, ACTUAL= 38 BBL +2 BBL
00:30	01:30	1.00	DRILL	TR	PULL TRIP NIPPLE AND INSTALL ROT. HEAD
01:30	03:00	1.50	DRILL	TR	TIH F/6500' T/ 7536' MONITOR WELL AT TRIP TANK TIGHT SPOT
03:00	04:00	1.00	DRILL	WA	WASH/REAM THROUGH TIGHT SPOT F/7536' T/7642'
04:00	06:00	2.00	DRILL	TR	TIH F/7642 T/11,137' MONITOR WELL AT TRIP TANK
24.00 = Total Hours Today					



DAILY DRILLING REPORT

DATE : 04/07/2012

WELL:	UNIVERSITY 12-17 1H	MD (ft):	13,705	TVD (ft):	7,387	DOL:	55	DSS:	47
FIELD:	SOUTH MIDLAND	PROGRESS (ft):	391			FOREMAN:	ROBERT JOHNSON		
STATE:	TX REAGAN	HRS DRLG:	13.50			AFE #:	110DC114542	API #:	4238337579
REGION:	MID-CON REGION	24Hr ROP (ft/hr):	28.96	DRLG AFE:	\$4,517,200	AFE Total:	\$9,639,700	CASING (in):	13.375
RIG CONTR:	PATTERSON 240	SPUD DATE:	02/20/2012	RLS DATE:		DAILY	\$61,260	PLAN TD (ft):	14,770
RIG NBR:	PATTERSON 240					DRLG:			
PH NBR:	713-405-1343	SPUD TIME:	06:30	RLS TIME:		DRLG TOT:	\$5,396,668	SHOE TD (ft):	6,485

24 Hrs SUMMARY: TIH,WASH/REAM,CIRC,TIH,WASH/REAM,DRILL
CURRENT ACTIVITY: DRILLING LATERAL @ 13705'
FORECAST: DRILL LATERAL

BHA # : 13					Trip: 11		MUD PROPERTIES	
Qty	Description	O.D. (in)	I.D. (in)	Length (ft)	Bit:	11	Time:	18:00 Solids:
1	BIT	8.750		1.00	Model:	DP406FX	Comp:	VENTURE
1	MUD MOTOR 1.5 BENT HOUSING	6.750		28.22	S/N:	TX17114R	Depth (ft):	13,453 Oil:
1	FLOAT SUB	6.750	2.754	3.09	MFG:	HUGHES	Water:	91 10 sec Gel (lb/100ft ³): 0
1	UBHO SUB	6.750	3.000	3.63	Size (in):	8.750	MW (lb/gal):	9.8 10 min Gel (lb/100ft ³): 0
1	FLEX MONEL	6.875		30.48	IADC:		VISC (s/qt):	33 30 min Gel (lb/100ft ³):
1	FLEX MONEL	6.825		30.68	IN (ft):		PV (cP):	3 CA:
					OUT:		YP (lb/100ft ³):	0 Pm:
					Length (ft):	391.00	pH:	10.0 Pf:
					Hours:	14	Chl:	111000 Ex Lime (lb/bbl):
					ROP (ft/hr):	28.96	WL:	100 Elec Stab:
					TFA (1/32in ²):	0.0263	HTHP:	MBT:
					WOB (lbs):	18.00	FC (1/32"):	1 ECD (lb/gal):
					P/U Wt:			
					S/O Wt:			
					RPM:	133		
					ROT Wt:			
					Torque (ft lbf):			
					DRAG:			
					I:			
					O:			
					D:			
					L:			
					B:			
					G:			
					O:			
					R:			

Buoyed Weight (lbs):	10177	Total Length (ft):	97.10
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MUD Logging	
Depth (ft):	Max Gas:
BGG:	Trip Gas:
CG:	Mud Cut:

MUD VOLUMES	
DP (bbl):	Reserve Pits (bbl):
Anulus (bbl):	Active Pits (bbl):
	LOST (bbl):

Mud Used	
Mud Additive	Used
CAUSTIC	2
DCS TRICON	2
ENGINEERING	1
IDB-80	1
MF-55	2
SODA ASH	3
SURE GUAGE	2
TEX-ANN	16

SURVEYS								KB Elev (ft):	2,806	GL Elev (ft):	2,778
MD (ft)	Angle	Azim	TVD (ft)	V. Sect. (ft)	+N-S	+E-W	D.L.				
13,616	95.29	359.33	7,387	6547.30	6547.11	76.56	1.53				
13,527	95.85	358.06	7,396	6458.81	6458.56	78.67	1.62				
13,433	94.59	357.15	7,406	6364.99	6364.70	79.34	0.81				
13,339	93.81	357.12	7,413	6271.47	6271.07	84.03	1.04				

FROM	TO	HRS	PH CD	OP CD	Activity Last 24 Hours
06:00	06:30	0.50	DRILL	TR	TIH T/11420' TIGHT SPOT
06:30	07:30	1.00	DRILL	WA	REAM OUT TIGHT SPOTS 11420' - 11515',11625' - 11703',SPM 110,GPM 460,PP 1700,T-DRIVE RPM 80,TQ 14K,BIT RPM 213
07:30	09:30	2.00	DRILL	TR	TIH 11703" - 12273',TIGHT SPOT
09:30	13:30	4.00	DRILL	WA	TIH REAM TIGHT SPOTS 12273-12364',12452' - 12521',12594' - 12646',12782' - 12835',12880' -12898',12932' - 12992',PUMP 50 BBL SWEEP NO INCREASE IN CUTTINGS AT SHAKER,(REAM 13024' - 13314' NO DRAG SEEN),SPM 110,GPM 460,PP 1750,T-DRIVE RPM 80-100,TQ 14-17K,BIT RPM 233
13:30	14:00	0.50	DRILL	DR	ROTARY DRILL 13314 - 13338',24'@ 48'/HR, WOB 10-20,SPM 110,GPM 460,PP 2225,DIFF 400,TD RPM 85,TQ 14-18K,BIT RPM 218,MW 9.8 VIS 37,BG GAS 45,ALARMS SET G/L +/- 5,FLOW +/- 2%
14:00	15:00	1.00	DRILL	DR	SLIDE DRILLING F/ 13338' T/ 13358',20'@20'/HR,WOB 60-80,SPM 110,GPM 460,PP 2025,DIFF 250,MTR RPM 133,TF 120R,MW 9.8, VIS 34,BGG 115',ALARMS PVT +5/-5,FLO +2/-2%

24.00 = Total Hours Today

HYDRAULICS		
Std. Pipe (psi):	2225	Total GPM (Gals/min): 460
		Total SPM: 110
AV(DP) (ft/min):	218.9	AV(DC) (ft/min): 328.9
Jet Vel (ft/s):	175.72	PSI Drop (psi): 270.631
Bit HP (HP):	72.66	HP/in2 (HP/in ²): 1.21

	PUMP#1	PUMP#2	PUMP#3
#Cyl:	3	3	
S.L. (in):	12.000	12.000	
Liner Id (in):	6.000	6.000	
SPM:	55	55	
Rod Dia (in):	12.000	12.000	
Eff %:	95	95	
GPM (Gals/min):	230	230	

SLOW PUMP RATES		
Depth (ft):	13,401	
SPM:	20	40
PRSR (psi):	200	375

Safety		
Test	Date	Pressure
BOP:	03/24/2012	3000
CSG:	03/08/2012	857
Test MW:		9.8
Test TVD (ft):		4,284
Test Prsr (psi):		430
LOT/FIT:		11.7
BOP Drill:		04/06/2012
Fire Drill:		
Evac Drill:		04/02/2012
Safety Meeting:		04/07/2012 05:30
Spills Reported (Y/N):		N
Accidents(S)(Y/N):		N

GENERAL COMMENTS :

DRILL STRING IN HOLE : BHA=97.10, 144 STDS = 13,588.05', , DOK 19 ' TOTAL = 13,705' MUD MOTOR: 1.50" BENT HOUSING,BIT BEND 6.58 ,B/SUR 61', B/SEN 46.82'.LOBE 6/7,RPG .29
RIG TUBULARS: 510 JTS 5" DP,6 - 5" HWDP , (6 - 8" DC,9 - 6.5" DC LAST INSP. 3-26-12)
RENT TUBULARS: (9-8" DC,10-6 1/2" DC LAST INSP. 3-26-12),12-5" HWDP
CSG ON LOC: 3 JTS 13 3/8",349 JTS 5.5"
RIG FUEL USED LAST 24 HRS 1,255 GALS, REC'D 0 GALS TOTAL 7,998 GALS, TOTAL USED 43,526 GAL.
WATER WELL BBLs USED 281 BBLs, TOTAL USED 11,260 BBLs, BRINE 1258 BBLs ON HAND,

FROM	TO	HRS	PH CD	OP CD	Activity Last 24 Hours
15:00	16:00	1.00	DRILL	DR	ROTARY DRILL F/13358' T/13401',43'@ 43'/HR, WOB 10-22,SPM 110,GPM 460,PP 2225,DIFF 400,TD RPM 85,TQ 14-18K,BIT RPM 218,MW 9.8 VIS 37,BG GAS 45, ALARMS SET G/L +/- 5,FLOW +/- 2%
16:00	16:30	0.50	DRILL	SU	CONN & SUR. @ 13339',TVD 7413.16',INC 93.81,AZ 357.12,GAMMA 93-135,TEMP 137
16:30	17:30	1.00	DRILL	DR	SLIDE DRILLING F/ 13401' T/13410.9'@9'/HR,WOB 60-80,SPM 110,GPM 460,PP 2025,DIFF 250,MTR RPM 133,TF 120R,MW 9.8, VIS 34,BGG 90,,ALARMS PVT +5/-5,FLO +2/-2%
17:30	18:30	1.00	DRILL	DR	ROTARY DRILL F/13410' T/ 13496.86'@ 86'/HR, WOB 15-25,SPM 110,GPM 460,PP 2225,DIFF 400,TD RPM 80,TQ 14-18K,BIT RPM 214,MW 9.8 VIS 37,BG GAS 60, ALARMS SET G/L +/- 5,FLOW +/- 2%
18:30	19:00	0.50	DRILL	SU	CONN & SUR. @ 13433',TVD 7406.16',INC 94.59,AZ 357.15,GAMMA 95-115,TEMP 137
19:00	21:00	2.00	DRILL	DR	SLIDE DRILLING F/ 13496' T/13523.27'@ 13.5'/HR,WOB 60-80,SPM 110,GPM 460,PP 2025,DIFF 250,MTR RPM 133,TF 110R,MW 9.8, VIS 34,BGG 90,,ALARMS PVT +5/-5,FLO +2/-2%
21:00	21:30	0.50	DRILL	DR	ROTARY DRILL F/13523' T/13561',38'@ 76'/HR, WOB 15-25,SPM 110,GPM 460,PP 2225,DIFF 400,TD RPM 80,TQ 14-18K,BIT RPM 214,MW 9.8 VIS 37,BG GAS 100, ALARMS SET G/L +/- 5,FLOW +/- 2%/(HELD BOP DRILL WITH NIGHT CREW, RIG MANAGER)
21:30	22:30	1.00	DRILL	DR	SLIDE DRILLING F/ 13561' T/13581' 20'@ 20'/HR,WOB 60-80,SPM 110,GPM 460,PP 2025,DIFF 250,MTR RPM 133,TF 110R,MW 9.8, VIS 34,BGG 55,,ALARMS PVT +5/-5,FLO +2/-2%
22:30	23:00	0.50	DRILL	DR	ROTARY DRILL F/13581' T/13590',9'@ 18'/HR, WOB 15-25,SPM 110,GPM 460,PP 2225,DIFF 400,TD RPM 80,TQ 14-18K,BIT RPM 214,MW 9.8 VIS 37,BG GAS 60, ALARMS SET G/L +/- 5,FLOW +/- 2%
23:00	23:30	0.50	DRILL	SU	CONN & SUR. @ 13527',TVD 7397',INC 95.85,AZ 358.06,GAMMA 65-105,TEMP 137
23:30	01:00	1.50	DRILL	DR	SLIDE DRILLING F/ 13590' T/ 13610' 20'@ 13'/HR,WOB 60-80,SPM 110,GPM 460,PP 2025,DIFF 250,MTR RPM 133,TF 110R,MW 9.8, VIS 34,BGG 35,,ALARMS PVT +5/-5,FLO +2/-2%
01:00	02:00	1.00	DRILL	CI	CLEAN UP CYCLE,PUMP 35 BBL. SWEEP ROT.100 SPM WORK STAND.
02:00	03:00	1.00	DRILL	DR	ROTARY DRILL F/13610' T/ 13683.73'@ 73'/HR, WOB 10-20,SPM 110,GPM 460,PP 2175,DIFF 320,TD RPM 60,TQ 12-17K,BIT RPM 214,MW 9.8 VIS 37,BG GAS 85, ALARMS SET G/L +/- 5,FLOW +/- 2%
03:00	03:30	0.50	DRILL	SU	CONN & SUR. @ 13527',TVD 7397',INC 95.29,AZ 359.33,GAMMA 75-110,TEMP 135
03:30	06:00	2.50	DRILL	DR	SLIDE DRILLING F/ 13683' T13705'/28'@ 11'/HR,WOB 60-80,SPM 110,GPM 460,PP 2025,DIFF 250,MTR RPM 133,TF 160R,MW 9.8, VIS 34,BGG 70,,ALARMS PVT +5/-5,FLO +2/-2%
24.00 = Total Hours Today					



DAILY DRILLING REPORT

DATE : 04/08/2012

WELL:	UNIVERSITY 12-17 1H	MD (ft):	14,265	TVD (ft):	7,326	DOL:	56	DSS:	48
FIELD:	SOUTH MIDLAND	PROGRESS (ft):	560			FOREMAN:	ROBERT JOHNSON		
STATE:	TX REAGAN	HRS DRLG:	21.50			AFE #:	110DC114542	API #:	4238337579
REGION:	MID-CON REGION	24Hr ROP (ft/hr):	26.05	DRLG AFE:	\$4,517,200	AFE Total:	\$9,639,700	CASING (in):	13.375
RIG CONTR:	PATTERSON 240	SPUD DATE:	02/20/2012	RLS DATE:		DAILY	\$58,317	PLAN TD (ft):	14,770
RIG NBR:	PATTERSON 240					DRLG:			
PH NBR:	713-405-1343	SPUD TIME:	06:30	RLS TIME:		DRLG TOT:	\$5,454,986	SHOE TD (ft):	6,485

24 Hrs SUMMARY: DRILL & SUR.,R/SERVICE,
CURRENT ACTIVITY: DRILLING LATERAL @ 14270'
FORECAST: DRILL LATERAL TO TD,CLEAN UP CYCLE

BHA # : 13					Trip: 11		MUD PROPERTIES	
Qty	Description	O.D. (in)	I.D. (in)	Length (ft)	Bit:	11	Time:	18:00 Solids:
1	BIT	8.750		1.00	Model:	DP406FX	Comp:	VENTURE
1	MUD MOTOR 1.5 BENT HOUSING	6.750		28.22	S/N:	TX17114R	Depth (ft):	14,002 Oil:
1	FLOAT SUB	6.750	2.754	3.09	MFG:	HUGHES	Water:	91 10 sec Gel (lb/100ft ³): 0
1	UBHO SUB	6.750	3.000	3.63	Size (in):	8.750	MW (lb/gal):	9.8 10 min Gel (lb/100ft ³): 0
1	FLEX MONEL	6.875		30.48	IADC:		VISC (s/qt):	33 30 min Gel (lb/100ft ³):
1	FLEX MONEL	6.825		30.68	IN (ft):		PV (cP):	4 CA: 200
					OUT:		YP (lb/100ft ³):	0 Pm: 0.9
					Length (ft):	951.00	pH:	10.0 Pf: 0.4
					Hours:	35	Chl:	112000 Ex Lime (lb/bbl):
					ROP (ft/hr):	27.17	WL:	100 Elec Stab:
					TFA (1/32in ²):	0.0263	HTHP:	MBT:
					WOB (lbs):	18.00	FC (1/32"):	1 ECD (lb/gal):
					P/U Wt:	229	Mud Used	
					S/O Wt:	173	Mud Additive	
					RPM:	133	Used	
					ROT Wt:	198	DCS TRICON	4
					Torque (ft lbf):	16000.00	ENGINEERING	1
					DRAG:		FILMING AMINE	1
					I:		IDB-80	2
					O:		MF-55	4
					D:		SODA ASH	2
					L:		SURE GUAGE	1
					G:		TEX-ANN	8
					O:			
					R:			

Buoyed Weight (lbs):	10177	Total Length (ft):	97.10
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MUD Logging		
Depth (ft):	14,128	Max Gas: 124
BGG:		Trip Gas:
CG:		Mud Cut:

MUD VOLUMES		
DP (bbl):		Reserve Pits (bbl):
Anulus (bbl):		Active Pits (bbl):
		LOST (bbl):

SURVEYS							KB Elev (ft):	2,806	GL Elev (ft):	2,778
MD (ft)	Angle	Azim	TVD (ft)	V. Sect. (ft)	+N-S	+E-W	D.L.			
14,188	94.80	3.15	7,326	7115.70	7115.47	84.37	2.24			
14,094	92.83	2.31	7,333	7021.95	7021.97	79.91	4.06			
13,999	96.13	0.19	7,340	6927.26	6927.12	77.84	2.54			
13,905	98.54	0.00	7,353	6833.28	6833.23	72.87	0.81			
13,811	98.03	0.59	7,366	6740.28	6740.22	72.39	1.98			
13,716	96.13	0.42	7,378	6646.02	6645.96	71.56	1.44			

FROM	TO	HRS	PH CD	OP CD	Activity Last 24 Hours
06:00	07:00	1.00	DRILL	DR	SLIDE DRILLING 13705' - 13724'/19'@ 19'/HR,WOB 60-80,SPM 110,GPM 460,PP 1900,DIFF 300,MTR RPM 133,TF 170R,MW 9.8, VIS 32,BGG 34,,ALARMS PVT +5/-5,FLO +2/-2%
07:00	08:00	1.00	DRILL	DR	ROTARY DRILL 13724' - 13787.63'@ 63'/HR, WOB 20,SPM 110,GPM 460,PP 2180,DIFF 350,TD RPM 60,TQ 12-17K,BIT RPM 193,MW 9.8 VIS 32,BG GAS 36,ALARMS SET G/L +/- 5,FLOW +/- 2%
08:00	08:30	0.50	DRILL	SU	CONN. & SUR @ 13716',TVD 7379',INC 96.13,AZ .42,GAMMA 40-130,TEMP 135
08:30	10:30	2.00	DRILL	DR	ROTARY DRILL 13787' - 13882.95'@ 47.5'/HR, WOB 22,SPM 110,GPM 460,PP 2250,DIFF 400,TD RPM 100,TQ 12-17K,BIT RPM 233,MW 9.8 VIS 32,BG GAS 107,ALARMS SET G/L +/- 5,FLOW +/- 2%,SUR @ 13811' TVD 7367',INC 98.03,AZ .59,GAMMA 45-150,TEMP 141
10:30	13:00	2.50	DRILL	DR	SLIDE DRILLING 13882' - 13919'/37'@ 14.8'/HR,WOB 60-80,SPM 110,GPM 460,PP 1900,DIFF 250,MTR RPM 133,TF 180,MW 9.75, VIS 32,BGG 40,,ALARMS PVT +5/-5,FLO +2/-2%

HYDRAULICS		
Std. Pipe (psi):	2225	Total GPM (Gals/min): 460
		Total SPM: 110
AV(DP) (ft/min):	218.9	AV(DC) (ft/min): 328.9
Jet Vel (ft/s):	175.72	PSI Drop (psi): 270.631
Bit HP (HP):	72.66	HP/in2 (HP/in ²): 1.21

PUMP#1			PUMP#2	PUMP#3
#Cyl:	3		3	
S.L. (in):	12.000		12.000	
Liner Id (in):	6.000		6.000	
SPM:	55		55	
Rod Dia (in):	12.000		12.000	
Eff %:	95		95	
GPM (Gals/min):	230		230	

SLOW PUMP RATES		
Depth (ft):	14,250	
SPM:	20	40
PRSR (psi):	250	450

Safety		
Test	Date	Pressure
BOP:	03/24/2012	3000
CSG:	03/08/2012	857
Test MW:		9.8
Test TVD (ft):		4,284
Test Prsr (psi):		430
LOT/FIT:		11.7
BOP Drill:		04/06/2012
Fire Drill:		
Evac Drill:		04/02/2012
Safety Meeting:		04/08/2012 05:30
Spills Reported (Y/N):		N
Accidents(S)(Y/N):		N

24.00 = Total Hours Today

GENERAL COMMENTS :

DRILL STRING IN HOLE : BHA=97.10, 150 STDS = 14,153.90', , DOK 19 ' TOTAL = 14,270' MUD MOTOR: 1.50" BENT HOUSING,BIT BEND 6.58 ,B/SUR 61', B/SEN 46.82',LOBE 6/7,RPG .29
RIG TUBULARS: 510 JTS 5" DP,6 - 5" HWDP , (6 - 8" DC,9 - 6.5" DC LAST INSP. 3-26-12)
RENT TUBULARS: (9-8" DC,10-6 1/2" DC LAST INSP. 3-26-12),12-5" HWDP
CSG ON LOC: 3 JTS 13 3/8",349 JTS 5.5"
RIG FUEL USED LAST 24 HRS 1,568 GALS, REC'D 0 GALS TOTAL 6,430 GALS, TOTAL USED 43,526 GAL.
WATER WELL BBLs USED 0 BBLs, TOTAL USED 11,260 BBLs, BRINE 618 BBLs ON HAND,

FROM	TO	HRS	PH CD	OP CD	Activity Last 24 Hours
13:00	14:00	1.00	DRILL	DR	ROTARY DRILL 13919' - 13965',46'@ 46'/HR, WOB 22,SPM 110,GPM 460,PP 2250,DIFF 400,TD RPM 100,TQ 12-17K,BIT RPM 233,MW 9.8 VIS 33,BG GAS 28, ALARMS SET G/L +/- 5,FLOW +/- 2%
14:00	14:30	0.50	DRILL	SR	RIG SERVICE,SUR @ 13905',TVD 7353',INC 98.54,AZ 359.96,GAMMA 26-131,TEMP 137
14:30	20:30	6.00	DRILL	DR	SLIDE DRILLING 13965' - 14062',97'@ 15'/HR,WOB 60-80,SPM 110,GPM 460,PP 2080,DIFF 250,MTR RPM 133,TF 170,MW 9.8, VIS 33,BGG 34,,ALARMS PVT +5/-5,FLO +2/-2%
20:30	21:00	0.50	DRILL	SU	CONN. & SUR @ 13999',TVD 7341',INC 96.13,AZ .19,GAMMA 95-135,TEMP 137
21:00	00:00	3.00	DRILL	DR	ROTARY DRILL 14062'-14156',94'@ 31'/HR, WOB 18,SPM 110,GPM 460,PP 2250,DIFF 400,TD RPM 100,TQ 12-17K,BIT RPM 233,MW 9.8 VIS 33,BG GAS 45, ALARMS SET G/L +/- 5,FLOW +/- 2%
00:00	00:30	0.50	DRILL	SU	CONN. & SUR @ 14094',TVD 7334',INC 92.83,AZ 2.31.,GAMMA 95-150,TEMP 141
00:30	01:30	1.00	DRILL	DR	SLIDE DRILLING 14156' - 14177',21'@ 21'/HR,WOB 60-80,SPM 110,GPM 460,PP 2080,DIFF 250,MTR RPM 133,TF 170,MW 9.8, VIS 33,BGG 34,,ALARMS PVT +5/-5,FLO +2/-2%
01:30	02:00	0.50	DRILL	DR	ROTARY DRILL 14177'-14187',10'@ 20'/HR, WOB 18,SPM 110,GPM 460,PP 2250,DIFF 400,TD RPM 100,TQ 12-17K,BIT RPM 233,MW 9.8 VIS 33,BG GAS 60, ALARMS SET G/L +/- 5,FLOW +/- 2%
02:00	03:00	1.00	DRILL	DR	SLIDE DRILLING 14187' - 14201',14'@ 14'/HR,WOB 60-80,SPM 110,GPM 460,PP 2100,DIFF 260,MTR RPM 133,TF 180,MW 9.8, VIS 33,BGG 50,,ALARMS PVT +5/-5,FLO +2/-2%
03:00	04:00	1.00	DRILL	DR	ROTARY DRILL 14201'-14250',49'@ 49'/HR, WOB 18,SPM 110,GPM 460,PP 2175,DIFF 300,TD RPM 100,TQ 12-17K,BIT RPM 233,MW 9.8 VIS 33,BG GAS 20, ALARMS SET G/L +/- 5,FLOW +/- 2%
04:00	04:30	0.50	DRILL	SU	CONN. & SUR @ 14188',TVD 7328',INC 94.80,AZ 3.15.,GAMMA 70-120,TEMP 141
04:30	06:00	1.50	DRILL	DR	SLIDE DRILLING 14250'-14270,15@ 10'/HR,WOB 60-80,SPM 110,GPM 460,PP 2050,DIFF 200,MTR RPM 133,TF 180,MW 9.8, VIS 33,BGG 50,,ALARMS PVT +5/-5,FLO +2/-2%
24.00 = Total Hours Today					



DAILY DRILLING REPORT

DATE : 04/09/2012

WELL:	UNIVERSITY 12-17 1H	MD (ft):	14,279	TVD (ft):	7,327	DOL:	57	DSS:	49
FIELD:	SOUTH MIDLAND	PROGRESS (ft):	14	FOREMAN:	ROBERT JOHNSON	AFE #:	110DC114542	API #:	4238337579
STATE:	TX REAGAN	HRS DRLG:	3.00	AFE Total:	\$9,639,700	CASING (in):	13.375	DAILY	\$63,964
REGION:	MID-CON REGION	24Hr ROP (ft/hr):	4.67	DRLG AFE:	\$4,517,200	PLAN TD (ft):	14,770	DRLG:	
RIG CONTR:	PATTERSON 240	SPUD DATE:	02/20/2012	RLS DATE:		DRLG TOT:	\$5,518,950	SHOE TD (ft):	6,485
RIG NBR:	PATTERSON 240								
PH NBR:	713-405-1343	SPUD TIME:	06:30	RLS TIME:					

24 Hrs SUMMARY:	DRILL,STUCK PIPE FREE SAME,CIRC CLEAN UP CYCLE,BACK REAM 5 STD,POOH TO SHOE,L/D DP
CURRENT ACTIVITY:	L/D DRILL PIPE
FORECAST:	POOH L/D DP & BHA,PULL W/BUSHING,R/U RUN 5.5 CSG

BHA # : 13					Trip: 11		MUD PROPERTIES	
Qty	Description	O.D. (in)	I.D. (in)	Length (ft)	Bit:	11	Time:	18:00 Solids:
1	BIT	8.750		1.00	Model:	DP406FX	Comp:	VENTURE
1	MUD MOTOR 1.5 BENT HOUSING	6.750		28.22	S/N:	TX17114R	Depth (ft):	14,279 Oil:
1	FLOAT SUB	6.750	2.754	3.09	MFG:	HUGHES	Water:	91 10 sec Gel (lb/100ft³):
1	UBHO SUB	6.750	3.000	3.63	Size (in):	8.750	MW (lb/gal):	9.8 10 min Gel (lb/100ft³):
1	FLEX MONEL	6.875		30.48	IADC:		VISC (s/qt):	32 30 min Gel (lb/100ft³):
1	FLEX MONEL	6.825		30.68	IN (ft):		PV (cP):	2 CA:
					OUT:		YP (lb/100ft³):	0 Pm:
					Length (ft):	965.00	pH:	10.0 Pf:
					Hours:	38	Chl:	110000 Ex Lime (lb/bbl):
					ROP (ft/hr):	25.39	WL:	100 Elec Stab:
					TFA (1/32in²):	0.0263	HTHP:	MBT:
					WOB (lbs):	18.00	FC (1/32"):	1 ECD (lb/gal):
					P/U Wt:	250		
					S/O Wt:	150		
					RPM:	133		
					ROT Wt:	194		
					Torque (ft lbf):	0.00		
					DRAG:			
					I:			
					O:			
					D:			
					L:			
					B:			
					G:			
					O:			
					R:			

Buoyed Weight (lbs):	10177	Total Length (ft):	97.10
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MUD Logging			
Depth (ft):	14,094	Max Gas:	124
BGG:	45	Trip Gas:	
CG:		Mud Cut:	

MUD VOLUMES	
DP (bbl):	Reserve Pits (bbl):
Anulus (bbl):	Active Pits (bbl):
	LOST (bbl):

Mud Used	
Mud Additive	Used
BARITE	61
CAUSTIC	5
DCS TRICON	2
ENGINEERING	1
MF-55	2
SURE GUAGE	2
TEX-ANN	20

SURVEYS							KB Elev (ft):	2,806	GL Elev (ft):	2,778
MD (ft)	Angle	Azim	TVD (ft)	V. Sect. (ft)	+N/-S	+E/-W	D.L.			

FROM	TO	HRS	PH CD	OP CD	Activity Last 24 Hours
06:00	09:00	3.00	DRILL	DR	SLIDE DRILLING 14265'-14279.14' @ 4.6"/HR,WOB 60-80,SPM 110,GPM 460,PP 2000,DIFF 150,MTR RPM 133,TF 180,MW 9.8, VIS 33,BGG 15,,ALARMS PVT +5/-5,FLO +2/-2%
09:00	10:00	1.00	DRILL	SP	ATTEMPT TO P/U OFF BOTTOM PIPE STUCK,ATTEMPT TO ROTATE NO SUCCESS,WORK PIPE 100K T/270K MAX O/PULL 300K,ROT. WT. 195K,WORK PIPE 100K T/300K W/12K TORQUE WORKED PIPE FREE
10:00	11:00	1.00	DRILL	CI	STAGE PUMPS UP F/460 GPM T/600 GPM PP 3000,RPM 120,PUMP 35 BBL SWEEP,WORK PIPE 25' CIRC B/U,RACK BACK 1 STD DP P/U SINGLE
11:00	15:30	4.50	DRILL	CI	PUMP 50 BBL HI VIS SWEEP,CIRC OUT SAME,GPM 600,PP 2900,RPM 120,TQ 8-14K,WORKING STD,SWEEP BACK T/SURFACE CUTTINGS @ SHAKER INCREASED F/1/8 TO 3/4 LOAD,SUGAR,COFFEE,PEA SIZE CUTTINGS F/1/8 MIN,PUMP 2nd 50 BBL HI VIS SWEEP CIRC OUT SAME,HAD CUTTING INCREASE F/1/8 T/1/4 LOAD F/5 MIN SUGAR & COFFEE GROUND
15:30	16:30	1.00	DRILL	WA	TAKE SUR @ 14205',TVD 7326',INC 94.66,GAMMA 80-110,TEMP 144,BACK REAM 14279 - 13779,SPM 142,GPM 600,PP 3000,RPM 120,TQ 9-12K,BIT RPM 294

24.00 = Total Hours Today

HYDRAULICS		
Std. Pipe (psi):	2900	Total GPM (Gals/min): 600
		Total SPM: 142
AV(DP) (ft/min):	282.6	AV(DC) (ft/min): 424.6
Jet Vel (ft/s):	229.21	PSI Drop (psi): 460.431
Bit HP (HP):	161.24	HP/in2 (HP/in²): 2.68
	PUMP#1	PUMP#2
#Cyl:	3	3
S.L. (in):	12.000	12.000
Liner Id (in):	6.000	6.000
SPM:	71	71
Rod Dia (in):	12.000	12.000
Eff %:	95	95
GPM (Gals/min):	300	300
SLOW PUMP RATES		
Depth (ft):		
SPM:	20	40
PRSR (psi):	250	450
Safety		
Test	Date	Pressure
BOP:	03/24/2012	3000
CSG:	03/08/2012	857
Test MW:		9.8
Test TVD (ft):		4,284
Test Prsr (psi):		430
LOT/FIT:		11.7
BOP Drill:		04/06/2012
Fire Drill:		
Evac Drill:		04/02/2012
Safety Meeting:		04/09/2012 05:30
Spills Reported (Y/N):		N
Accidents(S)(Y/N):		N

GENERAL COMMENTS :

DRILL STRING IN HOLE : BHA=97.10, 150 STDS = 14,153.90' , DOK 28 ' TOTAL = 14,279' MUD MOTOR: 1.50" BENT HOUSING,BIT BEND 6.58 ,B/SUR 61'., B/SEN 46.82'.LOBE 6/7,RPG .29
RIG TUBULARS: 510 JTS 5" DP,6 - 5" HWDP ,(6 - 8" DC,9 - 6.5" DC LAST INSP. 3-26-12)
RENT TUBULARS: (9-8" DC,10-6 1/2" DC LAST INSP. 3-26-12),12-5" HWDP
CSG ON LOC: 3 JTS 13 3/8",349 JTS 5.5"
RIG FUEL USED LAST 24 HRS 1,411 GALS, RECVD 0 GALS TOTAL 5,019 GALS, TOTAL USED 43,526 GAL.
WATER WELL BBLs USED 0 BBLs, TOTAL USED 11,260 BBLs, BRINE 518 BBLs ON HAND,

FROM	TO	HRS	PH CD	OP CD	Activity Last 24 Hours
16:30	21:30	5.00	DRILL	TR	POOH 13779 - 13308' PUMP SLUG,CONTINUE POOH ON ELEVATORS TO BOTTOM OF CURVE @ 7,678' ,MONITOR HOLE ON TRIP TANK CALCULATED FILL 3.5 BBL. ,ACTUAL BBL.3.25
21:30	23:00	1.50	DRILL	CI	PUMP 50 BBL HI VIS SWEEP,CIRC OUT SAME,GPM 600,PP 2700,RPM 120,TQ 6-11K,WORKING STD,SWEEP BACK T/SURFACE CUTTINGS @ SHAKER INCREASED F1/8 TO 1/4 LOAD,SUGAR,COFFEE,PEA SIZE F/5MIN.
23:00	02:00	3.00	DRILL	TR	CHECK FLOW,PUMP SLUG,CONTINUE POOH ON ELEVATORS,F/7678' T/CSG.SHOE @ 4284 ,MONITOR HOLE ON TRIP TANK,CALCULATED FILL 3.5 BBL ,ACTUAL3.25
02:00	06:00	4.00	DRILL	TR	POOH L/D 5" DP F/4284'MONITOR WELL AT TRIP TANK.CALCULATED FILL 3.5 BBL PER 15 JT. ACTUAL 4.0
24.00 = Total Hours Today					



DAILY DRILLING REPORT

DATE : 04/10/2012

WELL:	UNIVERSITY 12-17 1H	MD (ft):	14,279	TVD (ft):	7,327	DOL:	58	DSS:	50
FIELD:	SOUTH MIDLAND	PROGRESS (ft):				FOREMAN:	ROBERT JOHNSON		
STATE:	TX REAGAN	HRS DRLG:				AFE #:	110DC114542	API #:	4238337579
REGION:	MID-CON REGION	24Hr ROP (ft/hr):		DRLG AFE:	\$4,517,200	AFE Total:	\$9,639,700	CASING (in):	13.375
RIG CONTR:	PATTERSON 240	SPUD DATE:	02/20/2012	RLS DATE:		DAILY	\$53,149	PLAN TD (ft):	14,770
RIG NBR:	PATTERSON 240					DRLG:			
PH NBR:	713-405-1343	SPUD TIME:	06:30	RLS TIME:		DRLG TOT:	\$5,572,099	SHOE TD (ft):	6,485

24 Hrs SUMMARY: FINISH POOH L/D DP & BHA,PULL W/BUSH,R/U CSG CREW,RUNNING CSG,
CURRENT ACTIVITY: RUNNING 5.5" CSG @ 8270'
FORECAST: RUNNING 5.5 CSG CIRC. AND CEMENT.

BHA # :					Trip:			MUD PROPERTIES			
Qty	Description	O.D. (in)	I.D. (in)	Length (ft)	Bit:			Time:	18:00	Solids:	10.0
					Model:			Comp:	VENTURE		
					S/N:			Depth (ft):	14,279	Oil:	
					MFG:			Water:	90	10 sec Gel (lb/100ft³):	0
					Size (in):			MW (lb/gal):	9.9	10 min Gel (lb/100ft³):	0
					IADC:			VISC (s/qt):	33	30 min Gel (lb/100ft³):	
					IN (ft):			PV (cP):	3	CA:	200
					OUT:			YP (lb/100ft³):	0	Pm:	0.3
					Length (ft):			pH:	9.5	Pf:	0.1
					Hours:			Chl:	110000	Ex Lime (lb/bbl):	
					ROP (ft/hr):			WL:	100	Elec Stab:	
					TFA (1/32in²):			HTHP:		MBT:	
					WOB (lbs):			FC (1/32"):	1	ECD (lb/gal):	
					P/U Wt:			Mud Used			
					S/O Wt:			Mud Additive		Used	
					RPM:			BARITE		89	
					ROT Wt:			DCS TRICON		1	
					Torque (ft lbf):			ENGINEERING		1	
					DRAG:			FILMING AMINE		1	
					I:			SURE GUAGE		1	
					O:			TEX-ANN		14	
					D:						
					L:						
					B:						
					G:						
					O:						
					R:						

Buoyed Weight (lbs):		Total Length (ft):	
MUD Logging			
Depth (ft):		Max Gas:	
BGG:		Trip Gas:	
CG:		Mud Cut:	
MUD VOLUMES			
DP (bbl):		Reserve Pits (bbl):	
Anulus (bbl):		Active Pits (bbl):	
		LOST (bbl):	

SURVEYS					KB Elev (ft):	2,806	GL Elev (ft):	2,778
MD (ft)	Angle	Azim	TVD (ft)	V. Sect. (ft)	+N/-S	+E/-W	D.L.	
		</						

24.00 = Total Hours Today

GENERAL COMMENTS :

5.5" CSG. IN HOLE 192,JTS, 1 MARKER JT. 1 SHOE, 1 FLOAT COLLAR TOTAL=8,270'
RIG TUBULARS: 510 JTS 5" DP,6 - 5" HWDP ,(6 - 8" DC,9 - 6.5" DC LAST INSP. 3-26-12)
RENT TUBULARS: (9-8" DC,10-6 1/2" DC LAST INSP. 3-26-12),12-5" HWDP
CSG ON LOC: 3 JTS 13 3/8",349 JTS 5.5"
RIG FUEL USED LAST 24 HRS 628 GALS, RECV'D 0 GALS TOTAL 4319 GALS, TOTAL USED 51,852 GAL.
WATER WELL BBLS USED 193 BBLS, TOTAL USED 11,453 BBLS, BRINE 518 BBLS ON HAND,

FROM	TO	HRS	PH CD	OP CD	Activity Last 24 Hours
03:30	06:00	2.50	DRILL	RC	CONTINUE RUNNING 5.5" 17# P-110 CDC CSG, T/8,270' 193 TOTAL JTS. IN HOLE TORQUE TURN SAME T/7000 FT/LB
24.00 = Total Hours Today					



DAILY DRILLING REPORT

DATE : 04/11/2012

WELL:	UNIVERSITY 12-17 1H	MD (ft):	14,279	TVD (ft):	7,327	DOL:	59	DSS:	51
FIELD:	SOUTH MIDLAND	PROGRESS (ft):				FOREMAN:	CHARLES HENSLEY		
STATE:	TX REAGAN	HRS DRLG:				AFE #:	110DC114542	API #:	4238337579
REGION:	MID-CON REGION	24Hr ROP (ft/hr):		DRLG AFE:	\$4,517,200	AFE Total:	\$9,639,700	CASING (in):	13.375
RIG CONTR:	PATTERSON 240	SPUD DATE:	02/20/2012	RLS DATE:		DAILY	\$128,285	PLAN TD (ft):	14,770
RIG NBR:	PATTERSON 240					DRLG:			
PH NBR:	713-405-1343	SPUD TIME:	06:30	RLS TIME:		DRLG TOT:	\$5,700,384	SHOE TD (ft):	6,485

24 Hrs SUMMARY:

RUN 5.5" CSG, CIRCULATE

CURRENT ACTIVITY:

CIRC.5.5" CSG.@ 14,260' WHILE WAIT ON CEMENT

FORECAST:

CIRCULATE 5.5 CSG CIRC. AND CEMENT.

BHA # :					Trip:			MUD PROPERTIES		
Qty	Description	O.D. (in)	I.D. (in)	Length (ft)	Bit:			Time:	18:00	Solids:
					Model:			Comp:		
					S/N:			Depth (ft):	14,279	Oil:
					MFG:			Water:	90	10 sec Gel (lb/100ft³):
					Size (in):			MW (lb/gal):	9.9	10 min Gel (lb/100ft³):
					IADC:			VISC (s/qt):	32	30 min Gel (lb/100ft³):
					IN (ft):			PV (cP):	3	CA:
					OUT:			YP (lb/100ft³):	0	Pm:
					Length (ft):			pH:		Pf:
					Hours:			Chl:		Ex Lime (lb/bbl):
					ROP (ft/hr):			WL:		Elec Stab:
					TFA (1/32in²):			HTHP:		MBT:
					WOB (lbs):			FC (1/32"):		ECD (lb/gal):
					P/U Wt:					
					S/O Wt:					
					RPM:					
					ROT Wt:					
					Torque (ft lbf):					
					DRAG:					
					I:					
					O:					
					D:					
					L:					
					B:					
					G:					
					O:					
					R:					

Buoyed Weight (lbs):		Total Length (ft):	
MUD Logging			
Depth (ft):		Max Gas:	
BGG:		Trip Gas:	
CG:		Mud Cut:	
MUD VOLUMES			
DP (bbl):		Reserve Pits (bbl):	
Anulus (bbl):		Active Pits (bbl):	
		LOST (bbl):	

Mud Used		
Mud Additive	Used	
ENGINEERING	1	

SURVEYS							KB Elev (ft):	2,806	GL Elev (ft):	2,778
MD (ft)	Angle	Azim	TVD (ft)	V. Sect. (ft)	+N/-S	+E/-W	D.L.			

FROM	TO	HRS	PH CD	OP CD	Activity Last 24 Hours
06:00	06:30	0.50	DRILL	RC	CONTINUE RUNNING 5.5" 17# P-110 CDC CSG, f/8,270' 8311' TORQUE TURN SAME T/7000 TO 8500FT/LB
06:30	07:00	0.50	DRILL	RC	CLEAN AND CHECK CRT SLIP DIE,S & LUBE .
07:00	13:30	6.50	DRILL	RC	CONTINUE RUNNING 5.5" 17# P-110 CDC CSG, f/8,311' to 12,900' WITH 20 to 40K DRAG STRING WT 150 K TORQUE TURN SAME T/7000 TO 8500FT/LB PUMPING DISPLACEMENT
13:30	14:30	1.00	DRILL	RC	CONTINUE RUNNING 5.5" 17# P-110 CDC CSG, F/12,900' to 13,100' 40 to 70K SLACK OFF WT STRING WT 160 K TORQUE TURN SAME T/7000 TO 8500FT/LB PUMPING DISPLACEMENT WORKING PIPE THROUGH TIGHT HOLE , ATTEMPT TO GO DOWN WITH OUT PUMPING AND ROTATING , WOOD NO GO. CALL OFFICE, CIRCULATE BTM AT THIS POINT.
14:30	16:30	2.00	DRILL	CI	LINE UP FILL PIPE AND BREAK CIRCULATION ,STAGE UP PUMPS IN 5 STK INCREMENTS UNTIL REACHING 70 SPM 300 GPM, 250 PSI. CIRC. B/U,WORKING PIPE
16:30	18:00	1.50	DRILL	RC	WORKING AND ROTATING PIPE F/13,100 T/13,700 PIPE STALLING RAISED TORQUE LIMIT TO 10,000 FT/ LB AS PER ENG.
24.00 = Total Hours Today					

HYDRAULICS			
Std. Pipe (psi):		Total GPM (Gals/min):	0
		Total SPM:	0
AV(DP) (ft/min):		AV(DC) (ft/min):	
Jet Vel (ft/s):		PSI Drop (psi):	
Bit HP (HP):		HP/in2 (HP/in²):	
	PUMP#1	PUMP#2	PUMP#3
#Cyl:	3	3	
S.L. (in):	12.000	12.000	
Liner Id (in):	6.000	6.000	
SPM:			
Rod Dia (in):	12.000	12.000	
Eff %:	95	95	
GPM (Gals/min):			
SLOW PUMP RATES			
Depth (ft):			
SPM:	20	40	
PRSR (psi):	250	450	
Safety			
Test	Date	Pressure	
BOP:	03/24/2012	3000	
CSG:	03/08/2012	857	
Test MW:		9.8	
Test TVD (ft):		4,284	
Test Prsr (psi):		430	
LOT/FIT:		11.7	
BOP Drill:		04/10/2012	
Fire Drill:			
Evac Drill:		04/02/2012	
Safety Meeting:		04/11/2012 05:30	
Spills Reported (Y/N):		N	
Accidents(S)(Y/N):		N	

GENERAL COMMENTS :

5.5" CSG. IN HOLE 331,JTS, 1 MARKER JT. 1 SHOE, 1 FLOAT COLLAR TOTAL=14,260'
RIG TUBULARS: 510 JTS 5" DP,6 - 5" HWDP ,(6 - 8" DC,9 - 6.5" DC LAST INSP. 3-26-12)
RENT TUBULARS: (9-8" DC,10-6 1/2" DC LAST INSP. 3-26-12),12-5" HWDP
CSG ON LOC: 3 JTS 13 3/8",349 JTS 5.5"
RIG FUEL USED LAST 24 HRS 627 GAL, RECV'D 0 GAL TOTAL 3764 GAL, TOTAL USED 52,479 GAL.
WATER WELL BBLs USED 0 BBLs, TOTAL USED 11,453 BBLs, BRINE 618 BBLs ON HAND,

FROM	TO	HRS	PH CD	OP CD	Activity Last 24 Hours
18:00	19:30	1.50	DRILL	RC	CONTINUE,RUN 5.5" CASING HOLE WAS TIGHT, PUMP, 20 SPM @ 75 PSI & ROTATE 30 RPM TQ 8500 TO 10,000 FT LB,S F/13,700' T/14,260' . (TOTAL JTS RAN 331CSG OF 5.5" 17.0# P-110 LTC TO 14260' . @ THE HALLIBURTON SUPERVISOR LET ME NO ABOUT RETESTING TAIL CEMENT AT HALLIBURTON PLANT, THEY CALL BHP /PETROHAWK OFFICE. WHEN THEY FINISH THEY WILL LET US NO MORE INFORMATION , WE MAY HAVE TO SEND THE TAIL CEMENT BACK TO PLANT , IT ON LOCATION IN TRUCKS,
19:30	21:30	2.00	DRILL	RC	CIRC. B/Uw/ CRT TOOL & STAGING UP PUMPS IN 5 STK. INCREMENTS TO 70 SPM 295 PSI.
21:30	23:30	2.00	DRILL	RC	R/D CSG. EQUIP AND CRT,AND R/U HALLIBURTON CEMENT HEAD
23:30	06:00	6.50	DRILL	CI	CIRC. WITH RIG PUMP THROUGH HALLIBURTON CMT. HEAD 70 SPM,300 GPM,370 PSI., (NOTE THE TEST ON TAIL CEMENT FAIL SEND LAST LOAD BACK TO PLANT FOR LOCATION @ 3:00 AM FOR REMIX ON TAIL CEMENT. EST, TIME BACK TO LOCATION 10:00 AM TO 12:00 NOON , EST START PUMPING 14:00 PM .
24.00 = Total Hours Today					



DAILY DRILLING REPORT

DATE : 04/12/2012

WELL:	UNIVERSITY 12-17 1H	MD (ft):	14,279	TVD (ft):	7,327	DOL:	60	DSS:	52
FIELD:	SOUTH MIDLAND	PROGRESS (ft):				FOREMAN:	CHARLES HENSLEY		
STATE:	TX REAGAN	HRS DRLG:				AFE #:	110DC114542	API #:	4238337579
REGION:	MID-CON REGION	24Hr ROP (ft/hr):		DRLG AFE:	\$4,517,200	AFE Total:	\$9,639,700	CASING (in):	13.375
RIG CONTR:	PATTERSON 240	SPUD DATE:	02/20/2012	RLS DATE:		DAILY	\$40,008	PLAN TD (ft):	14,770
RIG NBR:	PATTERSON 240					DRLG:			
PH NBR:	713-405-1343	SPUD TIME:	06:30	RLS TIME:		DRLG TOT:	\$5,740,392	SHOE TD (ft):	6,485

24 Hrs SUMMARY:

CIRC. WAIT ON TAIL CEMENT

CURRENT ACTIVITY:

CIRC.5.5" CSG.@ 14,260' WHILE WAIT ON CEMENT

FORECAST:

CIRCULATE 5.5 CSG CIRC. AND CEMENT.

BHA # :					Trip:			MUD PROPERTIES			
Qty	Description	O.D. (in)	I.D. (in)	Length (ft)	Bit:	Model:		Time:	17:00	Solids:	9.8
					Size (in):			Comp:	VENTURE MUD CO.		
					MFG:			Depth (ft):	14,279	Oil:	
					IADC:			Water:	90	10 sec Gel (lb/100ft³):	0
					IN (ft):			MW (lb/gal):	9.9	10 min Gel (lb/100ft³):	0
					OUT:			VISC (s/qt):	33	30 min Gel (lb/100ft³):	
					Length (ft):			PV (cP):	3	CA:	240
					Hours:			YP (lb/100ft³):	0	Pm:	0.2
					ROP (ft/hr):			pH:	9.0	Pf:	0.1
					TFA (1/32in²):			Chl:	108000	Ex Lime (lb/bbl):	
					WOB (lbs):			WL:	100	Elec Stab:	
					P/U Wt:			HTHP:		MBT:	
					S/O Wt:			FC (1/32"):	1	ECD (lb/gal):	
					RPM:			Mud Used			
					ROT Wt:			Mud Additive		Used	
					Torque (ft lbf):			ENGINEERING		1	
					DRAG:						
					I:						
					O:						
					D:						
					L:						
					B:						
					G:						
					O:						
					R:						
Buoyed Weight (lbs):					Total Length (ft):						
MUD Logging											
Depth (ft):		Max Gas:									
BGG:		Trip Gas:									
CG:		Mud Cut:									
MUD VOLUMES											
DP (bbl):		Reserve Pits (bbl):									
Anulus (bbl):		Active Pits (bbl):									
		LOST (bbl):									

SURVEYS					KB Elev (ft):	2,806	GL Elev (ft):	2,778
MD (ft)	Angle	Azim	TVD (ft)	V. Sect. (ft)	+N/-S	+E/-W	D.L.	

GENERAL COMMENTS :

5.5" CSG. IN HOLE 331,JTS, 1 MARKER JT. 1 SHOE, 1 FLOAT COLLAR TOTAL=14,260'
RIG TUBULARS: 510 JTS 5" DP,6 - 5" HWDP ,(6 - 8" DC,9 - 6.5" DC LAST INSP. 3-26-12)
RENT TUBULARS: (9-8" DC,10-6 1/2" DC LAST INSP. 3-26-12),12-5" HWDP
CSG ON LOC: 3 JTS 13 3/8",349 JTS 5.5"
RIG FUEL USED LAST 24 HRS 627 GALs, RECV'D 0 GALs TOTAL 3137 GALs, TOTAL USED 53,106 GAL.
WATER WELL BBLS USED 0 BBLS, TOTAL USED 11,453 BBLS, BRINE 618 BBLS ON HAND,



DAILY DRILLING REPORT

DATE : 04/13/2012

WELL:	UNIVERSITY 12-17 1H	MD (ft):	TVD (ft):	DOL:	61	DSS:	53
FIELD:	SOUTH MIDLAND	PROGRESS (ft):		FOREMAN:	CHARLES HENSLEY		
STATE:	TX REAGAN	HRS DRLG:		AFE #:	110DC114542	API #:	4238337579
REGION:	MID-CON REGION	24Hr ROP (ft/hr):	DRLG AFE:	\$4,517,200	AFE Total:	\$9,639,700	CASING (in): 13.375
RIG CONTR:	PATTERSON 240	SPUD DATE:	02/20/2012	RLS DATE:	DAILY	\$39,158	PLAN TD (ft): 14,770
RIG NBR:	PATTERSON 240				DRLG:		
PH NBR:	713-405-1343	SPUD TIME:	06:30	RLS TIME:	DRLG TOT:	\$5,779,550	SHOE TD (ft):

24 Hrs SUMMARY:

WAIN ON CEMENT,SAFETY MEETING, CEMENTING

CURRENT ACTIVITY:

CIRC.5.5" CSG.@ 14,260' WHILE WAIT ON CEMENT

FORECAST:

CIRCULATE 5.5 CSG CIRC. AND CEMENT.

BHA # :					Trip:		MUD PROPERTIES	
Qty	Description	O.D. (in)	I.D. (in)	Length (ft)	Bit:			Time: 15:00 Solids:
					Model:			Comp: VENTURE
					S/N:			Depth (ft): 14,279 Oil:
					MFG:			Water: 90 10 sec Gel (lb/100ft³):
					Size (in):			MW (lb/gal): 9.9 10 min Gel (lb/100ft³):
					IADC:			VISC (s/qt): 37 30 min Gel (lb/100ft³):
					IN (ft):			PV (cP): 4 CA:
					OUT:			YP (lb/100ft³): 0 Pm:
					Length (ft):			pH: 9.0 Pf:
					Hours:			Chl: Ex Lime (lb/bbl):
					ROP (ft/hr):			WL: Elec Stab:
					TFA (1/32in²):			HTHP: MBT:
					WOB (lbs):			FC (1/32"): ECD (lb/gal):
					P/U Wt:			
					S/O Wt:			
					RPM:			
					ROT Wt:			
					Torque (ft lbf):			
					DRAG:			
					I:			
					O:			
					D:			
					L:			
					B:			
					G:			
					O:			
					R:			

Buoyed Weight (lbs):		Total Length (ft):	
MUD Logging			
Depth (ft):	Max Gas:		
BGG:	Trip Gas:		
CG:	Mud Cut:		
MUD VOLUMES			
DP (bbl):	Reserve Pits (bbl):		
Anulus (bbl):	Active Pits (bbl):		
	LOST (bbl):		

SURVEYS							KB Elev (ft): 2,806	GL Elev (ft): 2,778
MD (ft)	Angle	Azim	TVD (ft)	V. Sect. (ft)	+N/-S	+E/-W	D.L.	

FROM	TO	HRS	PH CD	OP CD	Activity Last 24 Hours
06:00	06:30	0.50	DRILL	CI	CIRC. WITH RIG PUMP THROUGH HALLIBURTON CMT. HEAD 70 SPM,300 GPM,360 PSI., ETA FIRST TRUCK BACK TO LOCATION IS 6:30 , ETA PUMPING IS NOW 12:00 . (NOTE THE TEST ON TAIL CEMENT FAILED SENT FOR TESTING REMIX ON TAIL CEMENT. I CALLED AND TALKED TO MICKEY, HE IS WORKING THE TAIL CEMENT AT HALLIBURTON PLANT, THEY REMOVED THE MICRO BOND , HE SAID THE CEMENT MIXTURE FAILED TEST , DUE TO MORE WATER IN CEMENT, WAS NOT GETTING GOOD BOND AND PUMP TIME. THEY NOW HAVE A GOOD FINAL TEST. THEY HAVE MIXED A NEW TAIL CEMENT. THE NEW MIX IS BEING LOADED AND THE FIRST TRUCKS ARE CURRENTLY IN ROUTE FROM PLANT TO LOCATION.
06:30	12:30	6.00	DRILL	CI	CONT. CIRC. WHILE OFFLOAD CEMENT, FIRST TRUCK ARRIVED @ 0630, AND LAST TRUCK UNLOADED @ 1230 HRS. 4 TRUCKS TOTAL.
12:30	13:00	0.50	DRILL	CM	HELD PRE JOB SAFETY MEETING WITH ALL PARTIES, HALLIBURTON/PATTERSON
13:00	15:00	2.00	DRILL	CM	STARTED CEMENT JOB @ 1300 HRS TESTED LINES TO 5,000 PSI. JOB UNDERWAY NO ISSUES WILL UPDATE AT A LATER TIME.

9.00 = Total Hours Today

GENERAL COMMENTS :

5.5" CSG. IN HOLE 331,JTS, 1 MARKER JT. 1 SHOE, 1 FLOAT COLLAR TOTAL=14,260'
RIG TUBULARS: 510 JTS 5" DP,6 - 5" HWD , (6 - 8" DC,9 - 6.5" DC LAST INSP. 3-26-12)
RENT TUBULARS: (9-8" DC,10-6 1/2" DC LAST INSP. 3-26-12),12-5" HWD
CSG ON LOC: 3 JTS 13 3/8",349 JTS 5.5"
RIG FUEL USED LAST 24 HRS 627 GALS, RECD 0 GALS TOTAL 3137 GALS, TOTAL USED 53,106 GAL.
WATER WELL BBLs USED 0 BBLs, TOTAL USED 11,453 BBLs, BRINE 618 BBLs ON HAND,



DAILY DRILLING REPORT

DATE : 04/14/2012

WELL:	UNIVERSITY 12-17 1H	MD (ft):	14,279	TVD (ft):	7,327	DOL:	62	DSS:	54
FIELD:	SOUTH MIDLAND	PROGRESS (ft):				FOREMAN:	CHARLES HENSLEY		
STATE:	TX REAGAN	HRS DRLG:				AFE #:	110DC114542	API #:	4238337579
REGION:	MID-CON REGION	24Hr ROP (ft/hr):		DRLG AFE:	\$4,517,200	AFE Total:	\$9,639,700	CASING (in):	5.500
RIG CONTR:	PATTERSON 240	SPUD DATE:	02/20/2012	RLS DATE:		DAILY	\$59,879	PLAN TD (ft):	14,770
RIG NBR:	PATTERSON 240					DRLG:			
PH NBR:	713-405-1343	SPUD TIME:	06:30	RLS TIME:		DRLG TOT:	\$6,339,139	SHOE TD (ft):	14,260

24 Hrs SUMMARY:	N/D BOP,INSTALL TBG. HEAD AND TEST SAME, CLEANING MUD TANKS,LOAD OUT RENTAL EQUIPMENT,L/D DP
CURRENT ACTIVITY:	L/D DP FROM DERRICK
FORECAST:	CONT. L/D DP, R/D

BHA # :					Trip:			MUD PROPERTIES	
Qty	Description	O.D. (in)	I.D. (in)	Length (ft)	Bit:			Time:	Solids:
					Model:			Comp:	
					S/N:			Depth (ft):	Oil:
					MFG:			Water:	10 sec Gel (lb/100ft³):
					Size (in):			MW (lb/gal):	10 min Gel (lb/100ft³):
					IADC:			VISC (s/qt):	30 min Gel (lb/100ft³):
					IN (ft):			PV (cP):	CA:
					OUT:			YP (lb/100ft³):	Pm:
					Length (ft):			pH:	Pf:
					Hours:			Chl:	Ex Lime (lb/bbl):
					ROP (ft/hr):			WL:	Elec Stab:
					TFA (1/32in²):			HTHP:	MBT:
					WOB (lbs):			FC (1/32"):	ECD (lb/gal):
					P/U Wt:				
					S/O Wt:				
					RPM:				
					ROT Wt:				
					Torque (ft lbf):				
					DRAG:				
					I:				
					O:				
					D:				
					L:				
					B:				
					G:				
					O:				
					R:				

Buoyed Weight (lbs):		Total Length (ft):	
MUD Logging			
Depth (ft):		Max Gas:	
BGG:		Trip Gas:	
CG:		Mud Cut:	
MUD VOLUMES			
DP (bbl):		Reserve Pits (bbl):	
Anulus (bbl):		Active Pits (bbl):	
		LOST (bbl):	

Mud Used	
Mud Additive	Used

SURVEYS							KB Elev (ft):	2,806	GL Elev (ft):	2,778
MD (ft)	Angle	Azim	TVD (ft)	V. Sect. (ft)	+N/-S	+E/-W	D.L.			

FROM	TO	HRS	PH CD	OP CD	Activity Last 24 Hours
06:00	11:00	5.00	DRILL	NU	SET BOP DOWN AND N/D ROT. HEAD AND ORBIT VALVE.AND SET OUT SAME, CONTINUE CLEAN ON PITS.
11:00	12:30	1.50	DRILL	NU	INSTALL WELL HEAD AND TEST SAME TO 5,000 PSI FOR 5 MIN OK. & CHECK BY CO REP.
12:30	15:00	2.50	DRILL	OT	REMOVE SUBS AND MISC FOR RIG FLOOR & LOAD OUT RENTAL EQUIPMENT WHILE C/O CSG BAILS AND ELEVATORS WITH DP EQUIP. AND CONTINUE CLEANING MUD TANKS.
15:00	03:30	12.50	DRILL	TR	HELD PER JOB SAFETY MEETING ON L/D 5" DP & L/D DP FROM DERRICK IN MOUSEHOLE
03:30	04:00	0.50	DRILL	SR	SERVICE RIG & CHANGE OUT SLIP DIE.
04:00	06:00	2.00	DRILL	TR	CONT. L/D DP FROM DERRICK 29 STD. LEFT IN DERRICK TO LAY DOWN .

HYDRAULICS			
Std. Pipe (psi):		Total GPM (Gals/min):	0
		Total SPM:	0
AV(DP) (ft/min):		AV(DC) (ft/min):	
Jet Vel (ft/s):		PSI Drop (psi):	
Bit HP (HP):		HP/in2 (HP/in²):	
	PUMP#1	PUMP#2	PUMP#3
#Cyl:	3	3	
S.L. (in):	12.000	12.000	
Liner Id (in):	6.000	6.000	
SPM:			
Rod Dia (in):	12.000	12.000	
Eff %:	95	95	
GPM (Gals/min):			
SLOW PUMP RATES			
Depth (ft):			
SPM:		40	
PRSR (psi):			
Safety			
Test	Date	Pressure	
BOP:	03/24/2012	3000	
CSG:	03/08/2012	857	
Test MW:		9.8	
Test TVD (ft):		4,284	
Test Prsr (psi):		430	
LOT/FIT:		11.7	
BOP Drill:		04/10/2012	
Fire Drill:			
Evac Drill:		04/02/2012	
Safety Meeting:		04/14/2012 05:30	
Spills Reported (Y/N):		N	
Accidents(S)(Y/N):		N	

24.00 = Total Hours Today

GENERAL COMMENTS :

5.5" CSG. IN HOLE 331,JTS, 1 MARKER JT. 1 SHOE, 1 FLOAT COLLAR TOTAL=14,260'
RIG TUBULARS: 510 JTS 5" DP,6 - 5" HWDP ,(6 - 8" DC,9 - 6.5" DC LAST INSP. 3-26-12)
RENT TUBULARS: (9-8" DC,10-6 1/2" DC LAST INSP. 3-26-12),12-5" HWDP
CSG ON LOC: 3 JTS 13 3/8",349 JTS 5.5"
RIG FUEL USED LAST 24 HRS 719 GAL, RECVD 0 GAL TOTAL 2104 GAL, TOTAL USED 54,139 GAL.
WATER WELL BBLs USED 121 BBLs, TOTAL USED 12,461 BBLs, BRINE 430 BBLs ON HAND,

WELL:	UNIVERSITY 12-17 1H					DOL:	63	DSS:	55
FIELD:	SOUTH MIDLAND	MD (ft):	14,279	TVD (ft):	7,327	FOREMAN:	CHARLES HENSLEY		
STATE:	TX REAGAN	PROGRESS (ft):				AFE #:	110DC114542	API #:	4238337579
REGION:	MID-CON REGION	HRS DRLG:				AFE Total:	\$9,639,700	CASING (in):	5.500
RIG CONTR:	PATTERSON 240	24Hr ROP (ft/hr):		DRLG AFE:	\$4,517,200	DAILY	\$51,445	PLAN TD (ft):	14,770
RIG NBR:	PATTERSON 240	SPUD DATE:	02/20/2012	RLS DATE:	04/14/2012	DRLG:			
						DRLG TOT:	\$6,390,584	SHOE TD (ft):	14,264
PH NBR:	713-405-1343	SPUD TIME:	06:30	RLS TIME:	15:00				

24 Hrs SUMMARY:	DERRICK INSPECTION,L/D DP, RELEASE RIG @15:00, R/D PATTERSON 240
CURRENT ACTIVITY:	CONT. R/D PATTERSON 240
FORECAST:	CONT. R/D PATTERSON 240/PREP. FOR RIG MOVE

BHA # :					Trip:			MUD PROPERTIES			
Qty	Description	O.D. (in)	I.D. (in)	Length (ft)	Bit:				Time:	Solids:	
					Model:				Comp:		
					S/N:				Depth (ft):	Oil:	
					MFG:				Water:	10 sec Gel (lb/100ft²):	
					Size (in):				MW (lb/gal):	10 min Gel (lb/100ft²):	
					IADC:				VISC (s/qt):	30 min Gel (lb/100ft²):	
					IN (ft):				PV (cP):	CA:	
					OUT:				YP (lb/100ft²):	Pm:	
					Length (ft):				pH:	Pf:	
					Hours:				Chl:	Ex Lime (lb/bbl):	
					ROP (ft/hr):				WL:	Elec Stab:	
					TFA (1/32in²):				HTHP:	MBT:	
					WOB (lbs):				FC (1/32"):	ECD (lb/gal):	
					P/U Wt:						
					S/O Wt:						
					RPM:						
					ROT Wt:						
					Torque (ft lbf):						
					DRAG:						
					I:						
					O:						
					D:						
					L:						
					B:						
					G:						
					R:						
					O:						
Buoyed Weight (lbs):					Total Length (ft):						
MUD Logging											
Depth (ft):		Max Gas:									
BGG:		Trip Gas:									
CG:		Mud Cut:									
MUD VOLUMES											
DP (bbl):		Reserve Pits (bbl):									
Annulus (bbl):		Active Pits (bbl):									
		LOST (bbl):									

SURVEYS				KB Elev (ft):	2,806	GL Elev (ft):	2,778
MD (ft)	Angle	Azim	TVD (ft)	V. Sect. (ft)	+N/-S	+E/-W	D.L.

FROM	TO	HRS	PH CD	OP CD	Activity Last 24 Hours
06:00	06:30	0.50	DRILL	OT	PRE JOB SAFETY MEETING WITH RIG CREW
06:30	07:00	0.50	DRILL	SR	DERRICK AND DROPPED OBJECTS INSPECTION
07:00	15:00	8.00	DRILL	TR	FINISHED L/D DP FROM DERRICK 29 STD. RELEASE RIG @ 1500 HRS. 4/14/12 DIRECTIONS TO NEW LOCATION FROM BIG LAKE TX @ INTERSECTION SH67 & SH137 SOUTH 23 MILES ON SH137. APPROX 1.5 MILES PAST OZONA TURNOFF SH137 BECOMES SH190 CONTINUE ON SH190 APPROX. 1-2 MILES TURN LEFT AT HELEN BEAN WEST PENS LOCATED ON LEFT AND CONTINUE ON ACCESS ROAD 5.7 MILES TO LOCATION @ END OF ROAD. TOTAL 44 MILES FROM CURRENT LOCATION.
15:00	06:00	15.00	WORK	RU	RIG DOWN PATTERSON 240.

24.00 = Total Hours Today

HYDRAULICS			
Std. Pipe (psi):		Total GPM (Gals/min):	
		0	
AV(DP) (ft/min):		Total SPM:	
		0	
Jet Vel (ft/s):		PSI Drop (psi):	
Bit HP (HP):		HP/in2 (HP/in²):	
	PUMP#1	PUMP#2	PUMP#3
#Cyl:	3	3	
S.L. (in):	12.000	12.000	
Liner Id (in):	6.000	6.000	
SPM:			
Rod Dia (in):	12.000	12.000	
Eff %:	95	95	
GPM (Gals/min):			

SLOW PUMP RATES		
Depth (ft):		
SPM:		40
PRSR (psi):		

Safety		
Test	Date	Pressure
BOP:	03/24/2012	3000
CSG:	03/08/2012	857
Test MW:		9.8
Test TVD (ft):		4,284
Test Prsr (psi):		430
LOT/FIT:		11.7
BOP Drill:		04/10/2012
Fire Drill:		
Evac Drill:		04/02/2012
Safety Meeting:		04/15/2012 05:30
Spills Reported (Y/N):		Y
Accidents(S)(Y/N):		N

GENERAL COMMENTS :

5.5" CSG. IN HOLE 332,JTS, 1 MARKER JT. 1 SHOE, 1 FLOAT COLLAR TOTAL=14,260'
RIG TUBULARS: 510 JTS 5" DP,6 - 5" HWDP, (6 - 8" DC,9 - 6.5" DC LAST INSP. 3-26-12)
RENT TUBULARS: (9-8" DC,10-6 1/2" DC LAST INSP. 3-26-12),12-5" HWDP
CSG ON LOC: 3 JTS 13 3/8",17 JTS 5.5
RIG FUEL USED LAST 24 HRS 683 GALS, RECDV 2500 GALS TOTAL 3921 GALS, TOTAL USED 54,822 GAL.
WATER WELL BBLs USED 159 BBLs. TOTAL USED 12,620 BBLs. BRINE 430 BBLs ON HAND.



DAILY DRILLING REPORT

DATE : 04/16/2012

WELL:	UNIVERSITY 12-17 1H	MD (ft):	14,279	TVD (ft):	7,327	DOL:	64	DSS:	56
FIELD:	SOUTH MIDLAND	PROGRESS (ft):				FOREMAN:	CHARLES HENSLEY		
STATE:	TX REAGAN	HRS DRLG:				AFE #:	110DC114542	API #:	4238337579
REGION:	MID-CON REGION	24Hr ROP (ft/hr):		DRLG AFE:	\$4,517,200	AFE Total:	\$9,639,700	CASING (in):	5.500
RIG CONTR:	PATTERSON 240	SPUD DATE:	02/20/2012	RLS DATE:	04/14/2012	DAILY	\$28,205	PLAN TD (ft):	14,770
RIG NBR:	PATTERSON 240					DRLG:			
PH NBR:	713-405-1343	SPUD TIME:	06:30	RLS TIME:	15:00	DRLG TOT:	\$6,418,789	SHOE TD (ft):	14,260

24 Hrs SUMMARY:

RIG DOWN LOWER SUB, LOWER DERRICK R/D

CURRENT ACTIVITY:

CONT. R/D PATTERSON 240

FORECAST:

CONT. R/D PATTERSON 240/PREP. FOR RIG MOVE

BHA # :					Trip:			MUD PROPERTIES	
Qty	Description	O.D. (in)	I.D. (in)	Length (ft)	Bit:			Time:	Solids:
					Model:			Comp:	
					S/N:			Depth (ft):	Oil:
					MFG:			Water:	10 sec Gel (lb/100ft³):
					Size (in):			MW (lb/gal):	10 min Gel (lb/100ft³):
					IADC:			VISC (s/qt):	30 min Gel (lb/100ft³):
					IN (ft):			PV (cP):	CA:
					OUT:			YP (lb/100ft³):	Pm:
					Length (ft):			pH:	Pf:
					Hours:			Chl:	Ex Lime (lb/bbl):
					ROP (ft/hr):			WL:	Elec Stab:
					TFA (1/32in²):			HTHP:	MBT:
					WOB (lbs):			FC (1/32"):	ECD (lb/gal):
					P/U Wt:				
					S/O Wt:				
					RPM:				
					ROT Wt:				
					Torque (ft lbf):				
					DRAG:				
					I:				
					O:				
					D:				
					L:				
					B:				
					G:				
					O:				
					R:				

Buoyed Weight (lbs):		Total Length (ft):	
MUD Logging			
Depth (ft):		Max Gas:	
BGG:		Trip Gas:	
CG:		Mud Cut:	
MUD VOLUMES			
DP (bbl):		Reserve Pits (bbl):	
Anulus (bbl):		Active Pits (bbl):	
		LOST (bbl):	

Mud Used							
Mud Additive						Used	

24.00 = Total Hours Today

GENERAL COMMENTS :

5.5" CSG. IN HOLE 332,JTS, 1 MARKER JT. 1 SHOE, 1 FLOAT COLLAR TOTAL=14,260'
RIG TUBULARS: 510 JTS 5" DP,6 - 5" HWDP ,(6 - 8" DC,9 - 6.5" DC LAST INSP. 3-26-12)
RENT TUBULARS: (9-8" DC,10-6 1/2" DC LAST INSP. 3-26-12),12-5" HWDP
CSG ON LOC: 3 JTS 13 3/8",17 JTS 5.5
RIG FUEL USED LAST 24 HRS 450GALS, RECVD 00 GALS TOTAL 3441 GALS, TOTAL USED 55,272 GAL.
WATER WELL BBLs USED 159 BBLs, TOTAL USED 12,620 BBLs, BRINE 430 BBLs ON HAND,



DAILY COMPLETION AND WORKOVER REPORT

UNIVERSITY 12-17 1H

DATE : 04/25/2012

EVENT #

Well:	UNIVERSITY 12-17 1H	Report by:	MARTIN JIMENEZ	AFE C Total:	\$4,618,900
API #:	4238337579	Report #:	3	Daily Cost:	\$20,080
REGION:	MID-CON REGION	AFE#:	110DC114542	Cum DRLG:	\$6,434,899
FIELD:	SOUTH MIDLAND	AFE Total:	\$9,639,700	Comp/WO (Event 2 or 4):	\$105,988
State:	TEXAS	WI%:	100.000	Cum Fac Const (Event 3):	
County/Parish:	REAGAN	% AFE Spent:	67.85%	Cum Total Spent:	\$6,540,887

24 Hrs SUMMARY:	Well shut in
Current Activity:	Well shut in
Forecast:	RU WL, Rupture disc on top of plug, set plug, pressure test casing, perforate stage #1, Log lateral
Accident/Spill(Y/N):	N Description:

Casing Data												
Section	Size (in)	Depth (ft)	Weight (lbs/ft)	Grade	Conn	ID (in)	Drift	Burst (psi)	Collapse	Tension	TOC (ft)	Comments
Surface	13.375	983	54.500	J-55	BTC	12.615	12.460	2,730	1,130	853,000	0	
Other Production	5.500	6,485 14,260	17.000	P-110	LTC	4.892		0	0	0	0	

Wellbore Detail		Wellhead Detail		BHA Summary				
Horizontal/Vertical:	HORIZONTAL	A Sec:		BHA #				
KB (ft):	2805.92	B Sec:		Qty	Description	O.D. (in)	I.D. (in)	Length (ft)
GL (ft):	2777.92	C Sec:						
KB-GL (ft):	28.00	Valve Detail Bottom to Top:						
KOP (ft):	6,700							
Build Section:	Main							
Deviation:	1.18							
TVD @ TD (ft):	6,700							
Average TVD (ft):	6,700							
Bottom Hole Loc:	50' FNL & 2310' FEL SEC 8							
PBTD (ft):	6,700							

Perforation Summary										Plug Detail			
Stage #	Date	Top (ft)	Bottom (ft)	# Perf	SPF	Perf Size (in)	Phasing	Clusters	Cluster Spc (ft)	Depth (ft)	OD (in)	Rating (psi)	Type

Stimulation Data													
Stage	Acid Vol (bbl)	Fluid Volume (bbl)	Prop Total (lbs)	Max Prop Conc (lb/gal)	Max Pressure (psi)	Max Rate (bpm)	Average Pressure (psi)	Average Rate (bpm)	Frac Gradient (psi/ft)	ISIP (psi)	5 min (psi)	Comments	

Operations Summary					
From	To	HRS	Ph	Op	Activity Last 24 hours
06:00	06:00	24.00	COMP	SDFN	SDFN

GENERAL COMMENTS :



DAILY COMPLETION AND WORKOVER REPORT

UNIVERSITY 12-17 1H

DATE : 04/26/2012

EVENT #

Well:	UNIVERSITY 12-17 1H	Report by:	MARTIN JIMENEZ	AFE C Total:	\$4,618,900
API #:	4238337579	Report #:	4	Daily Cost:	\$52,298
REGION:	MID-CON REGION	AFE#:	110DC114542	Cum DRLG:	\$6,434,899
FIELD:	SOUTH MIDLAND	AFE Total:	\$9,639,700	Comp/WO (Event 2 or 4):	\$158,286
State:	TEXAS	WI%:	100.000	Cum Fac Const (Event 3):	
County/Parish:	REAGAN	% AFE Spent:	68.40%	Cum Total Spent:	\$6,593,185

24 Hrs SUMMARY:	MIRU WL & Support, Run CBL, Rupture Disc, set injection rate, attempted to pump down plug to 14,250' (wlm)				
Current Activity:	Crews to arrive at 8am .				
Forecast:	WLRH set plug, test casing 9,200 psi, perforate stage #1, RDWL, RDMO pump down unit.				
Accident/Spill(Y/N):	N	Description:			

Casing Data												
Section	Size (in)	Depth (ft)	Weight (lbs/ft)	Grade	Conn	ID (in)	Drift	Burst (psi)	Collapse	Tension	TOC (ft)	Comments
Surface	13.375	983	54.500	J-55	BTC	12.615	12.460	2,730	1,130	853,000	0	
Other Production	5.500	6,485 14,260	17.000	P-110	LTC	4.892		0	0	0	0	

Wellbore Detail		Wellhead Detail		BHA Summary				
Horizontal/Vertical:	HORIZONTAL	A Sec:		BHA #				
KB (ft):	2805.92	B Sec:		Qty	Description	O.D. (in)	I.D. (in)	Length (ft)
GL (ft):	2777.92	C Sec:						
KB-GL (ft):	28.00							
KOP (ft):	6,700	Valve Detail Bottom to Top:						
Build Section:	Main							
Deviation:	1.18							
TVD @ TD (ft):	6,700							
Average TVD (ft):	6,700							
Bottom Hole Loc:	50' FNL & 2310' FEL SEC 8							
PBTD (ft):	6,700							

Perforation Summary										Plug Detail			
Stage #	Date	Top (ft)	Bottom (ft)	# Perf	SPF	Perf Size (in)	Phasing	Clusters	Cluster Spc (ft)	Depth (ft)	OD (in)	Rating (psi)	Type

Stimulation Data													
Stage	Acid Vol (bbl)	Fluid Volume (bbl)	Prop Total (lbs)	Max Prop Conc (lb/gal)	Max Pressure (psi)	Max Rate (bpm)	Average Pressure (psi)	Average Rate (bpm)	Frac Gradient (psi/ft)	ISIP (psi)	5 min (psi)	Comments	

Operations Summary					
From	To	HRS	Ph	Op	Activity Last 24 hours
06:00	07:00	1.00	COMP	SDFN	Well shut in, Crews arrive @ 7am.
07:00	08:30	1.50	COMP	WLMI	WL MIRU and support equipment.
08:30	09:00	0.50	COMP	SM	Safety Meeting with everyone on location and review JSA's. Did a Hazard hunt and reviewed hazards on location.
09:00	11:25	2.42	COMP	WLRU	PU CBL BHA (Titan cable head 1 7/16" 1.4" OD, 2 3/4" Tecko Logging CL 2.75" OD, 3 Probe 2 3/4" Centralizers, Radial Bond Tool 2.75" OD, Gamma Ray 2 3/4" OD). Pressure test Lubricator to 5,000psi, bled down pressure to 0 Psi, Open well.
11:25	12:20	0.92	COMP	WLL	WLRH w/Log, Log down to 7,570' picked up 200' and ran a repeat pass to 7,370' and dropped back down 7,570' to log up main pass., TOC @ 3112', Corrected depth @ 6,507' made a 7' correction.
12:20	13:55	1.58	COMP	WLPOOH	WLPOOH logging up to surface.
13:55	14:45	0.83	COMP	OT	Emailing Logs to Office and wait on orders.
14:45	15:00	0.25	COMP	TE	Redzone test lines to 9500 psi, bled pressure down to 0 psi, open well head.
15:00	15:30	0.50	COMP	WLPD	Rupture disc @ 4000psi 2 bpm and set injection rate 2- 12 bpm max pressure 3200psi. total bbls pumped 12 shut down.
		24.00			

GENERAL COMMENTS :
Safety Meeting with everyone on location and review JSA's and performed a hazard hunt around location and equipment. Issues found and discussed during hazard hunt; trip hazards around wellhead, hydraulic accumulator need to turn around so operator can see wellhead, tripping hazards around grease unit, chalk blocks on pump down unit. Pinch points between manual frac valve handles. Discussed PPE, trip hazards, lifting, overhead loads, crane and manlift operations,

From	To	HRS	Ph	Op	Activity Last 24 hours
15:30	18:00	2.50	COMP	WLPD	Pump down having problems with suction pumps not being able to keep a steady rate on injection test, driver side pump had bad valves, change out valves.
18:00	18:45	0.75	COMP	WLRU	PU 5.5 10K CIBP (4.24" OD) and 5 guns 3-3/8"guns 3(6 SPF) 1 (5spf) 1 (4spf).
18:45	19:10	0.42	COMP	WLRIH	WLRIH and Corrolate to Marker joint @ 6,466'(WLM)
19:10	19:45	0.58	COMP	WLPD	Pump Down to 7,520' lost collars and tension, Pulled up to vertical (6762') and pump back down to 7, 874 and started losing collars and tension with matching pump down rates of 3-10.5 bpm average pressure at 5100 psi.
19:45	20:06	0.35	COMP	OT	Called office and wait on orders
20:06	20:36	0.50	COMP	WLPOOH	WLPOOH, check plug and guns on surface.
20:36	21:00	0.40	COMP	WLRD	Checked plug and guns only found small traces of grease. Laydown lubricator.
21:00	06:00	9.00	COMP	SDFN	SDFN. secure location.
		24.00			



DAILY COMPLETION AND WORKOVER REPORT

UNIVERSITY 12-17 1H

DATE : 04/27/2012

EVENT #

Well:	UNIVERSITY 12-17 1H	Report by:	MARTIN JIMENEZ	AFE C Total:	\$4,618,900
API #:	4238337579	Report #:	5	Daily Cost:	\$74,135
REGION:	MID-CON REGION	AFE#:	110DC114542	Cum DRLG:	\$6,434,899
FIELD:	SOUTH MIDLAND	AFE Total:	\$9,639,700	Comp/WO (Event 2 or 4):	\$232,420
State:	TEXAS	WI%:	100.000	Cum Fac Const (Event 3):	
County/Parish:	REAGAN	% AFE Spent:	69.17%	Cum Total Spent:	\$6,667,320

24 Hrs SUMMARY:	Pump Gel Sweep, RIH with gun assembly, Lost assembly in hole while pumping down.
Current Activity:	CTU to arrive in the A.M.
Forecast:	MIRU CTU and support, RIH set CIBP, test casing 9200 psi, perforate stage 1 with TCP guns.
Accident/Spill(Y/N):	N Description:

Casing Data												
Section	Size (in)	Depth (ft)	Weight (lbs/ft)	Grade	Conn	ID (in)	Drift	Burst (psi)	Collapse	Tension	TOC (ft)	Comments
Surface	13.375	983	54.500	J-55	BTC	12.615	12.460	2,730	1,130	853,000	0	
Other Production	5.500	6,485 14,260	17.000	P-110	LTC	4.892		0	0	0	0	

Wellbore Detail		Wellhead Detail		BHA Summary				
Horizontal/Vertical:	HORIZONTAL	A Sec:	BHA # CIBP fish					
KB (ft):	2805.92	B Sec:	Qty	Description	O.D. (in)	I.D. (in)	Length (ft)	
GL (ft):	2777.92	C Sec:						
KB-GL (ft):	28.00	Valve Detail Bottom to Top:	1	Cable head	2.000		1.00	
KOP (ft):	6,700		1	CCL	2.750		2.00	
Build Section:	Main		5	Guns	3.750		20.40	
Deviation:	1.18		1	QC	3.130		1.00	
TVD @ TD (ft):	6,700		1	Baker ST #20	3.500		5.75	
Average TVD (ft):	6,700		1	Alpha CIBP	4.240		1.67	
Bottom Hole Loc:	50' FNL & 2310' FEL SEC 8			Total			31.82	
PBTD (ft):	6,700							

Perforation Summary										Plug Detail			
Stage #	Date	Top (ft)	Bottom (ft)	# Perf	SPF	Perf Size (in)	Phasing	Clusters	Cluster Spc (ft)	Depth (ft)	OD (in)	Rating (psi)	Type
CIBP fish	04/27/2012	0	0	0						0		0	

Stimulation Data												
Stage	Acid Vol (bbl)	Fluid Volume (bbl)	Prop Total (lbs)	Max Prop Conc (lb/gal)	Max Pressure (psi)	Max Rate (bpm)	Average Pressure (psi)	Average Rate (bpm)	Frac Gradient (psi/ft)	ISIP (psi)	5 min (psi)	Comments

Operations Summary												
From	To	HRS	Ph	Op	Activity Last 24 hours							
06:00	08:00	2.00	COMP	SDFN	Well shut in, Crews arrive @ 8am.							
08:00	08:30	0.50	COMP	SM	Safety Meeting with everyone on location and review JSA's. Did a Hazard hunt and reviewed hazards on location.							
08:30	09:10	0.67	COMP	TE	Prime up pump down pumps and pressure test lines to 9700 psi, bled down pressure to 2,100 psi.							
09:10	09:50	0.67	COMP	WLPD	Open well head with 2,050 psi, applied 800 psi intermediate, 0 psi on surface. Start pumping 10 bbl 90# visc gel sweep, 20 bbl FR spacer, 10bbl 90# visc gel sweep, first 170 bbls included pipe on pipe and flushed well w/ FR. Casing capacity = 330 bbls, 14.5 average rate bpm @ 5,000 psi, pumped a total of 355 bbls. Shut down.							
09:50	10:14	0.40	COMP	WLRU	PU 5.5 10K CIBP (4.24" OD) and 5 guns 3-3/8"guns 3(6 SPF) 1 (5spf) 1 (4spf). Test lubricator to 8,000 psi, bled down to 3,100 psi.							
10:14	10:35	0.35	COMP	WLRIH	Open well with 3,000 psi, WLRIH to correlate to short joint 6,466'(wlm).							
10:35	10:45	0.17	COMP	WLPD	Start pump down from 3 to 12 bpm and started losing tension and stopped detecting collars, got down to 7917' (wlm) in horizontal, tension dropped to 48 ft/m at a rate of 10.5 bpm. Shut down pumps ,pumping a total of 104 bbls.							
10:45	10:57	0.20	COMP	WLPOOH	WLPOOH back to vertical @ 6,700'.							
		24.01										

GENERAL COMMENTS :
Safety Meeting with everyone on location and review JSA's, discussed hazards that needed attention during hazard hunt, trip hazards, overhead loads, pinch points on manual frac valve handle. discussed emergency contact and route to Big Lake TX Hospital.

From	To	HRS	Ph	Op	Activity Last 24 hours
10:57	11:40	0.72	COMP	WLPD	Started pump down with starting rate of 3 bpm and 3600psi, increased rate to 16 bpm, 5600 psi, pumped down to 13,408' (wlm), line rate fluctuating from 250 to 150 fpm, tension weight from 400#'s to 600#'s until depth of 10,320' was reached. continued to pump down to 13408' and was running low on water shut down pumps and pull up to 13,442' (wlm), line speed was 25(ftpm).
11:40	13:20	1.67	COMP	WLPD	shut down and wait on transport to load more water into Frac Tanks.
13:20	13:35	0.25	COMP	WLPD	Started pumping at 9 bpm 5500 psi line speed of 200 fpm.
13:35	14:08	0.55	COMP	WLPD	At 13,986' (wlm) line speed decreased from 200 down to 66 fpm and tension at 700#'s, rate 16 bpm, 5850 psi. Continue to pump down when line tension jumped up from 814#'s to 2273#'s and line rate went from 66 (ftpm) to 232 (ftpm). CCL showed extreme activity & stopped. SD pumps, POOH to 13,852' w/ no CCL activity. Left fish in hole, total length =31.82' (see perforation report for details).
14:08	15:08	1.00	COMP	OT	Shut down and call in office for orders to proceed.
15:08	15:15	0.12	COMP	SM	Safety Meeting with everyone on location and review JSA in wireline POOH.
15:15	15:38	0.38	COMP	WLPOOH	POOH w/ wire (no gun assembly)
15:38	16:15	0.62	COMP	WLRD	RDWL and support
16:15	16:38	0.38	COMP	OT	Shut down and called office for orders.
16:38	17:07	0.48	COMP	TE	Test lines to 9200 psi and bled down to 2200 psi
17:07	17:29	0.37	COMP	WLPD	Open well with 2200 psi Start pumping rate from 2-16 bpm and pressure increase to 7800 psi (pumps kicked out), shut down, 10 bbls, pumped. monitor pressure for 20 min. pressure dropped from 6500 psi to 2920psi.
17:29	17:34	0.08	COMP	WLPD	Bring rate back up from 2 - 8 bpm and pressure @ 4000 psi and started increasing slightly to 7200psi, pumped 10 bls shut down with 2500 psi, 450psi in intermediate, 0 psi on surface.
17:34	18:30	0.93	COMP	RDMO	Rig Down pumps
18:30	06:00	11.50	COMP	SDFN	SDFN, secure location
		24.01			



DAILY COMPLETION AND WORKOVER REPORT

UNIVERSITY 12-17 1H

DATE : 04/28/2012

EVENT #

Well:	UNIVERSITY 12-17 1H	Report by:	MARTIN JIMENEZ	AFE C Total:	\$4,618,900
API #:	4238337579	Report #:	6	Daily Cost:	\$94,835
REGION:	MID-CON REGION	AFE#:	110DC114542	Cum DRLG:	\$6,444,703
FIELD:	SOUTH MIDLAND	AFE Total:	\$9,639,700	Comp/WO (Event 2 or 4):	\$328,355
State:	TEXAS	WI%:	100.000	Cum Fac Const (Event 3):	
County/Parish:	REAGAN	% AFE Spent:	70.26%	Cum Total Spent:	\$6,773,058

24 Hrs SUMMARY:	MIRU CTS and support, CTU RIH, CO and tag top of fish @14,224'(ctm), CTU POOH, Start RIH w/ plug				
Current Activity:	RIH w/ Smith Coppertop plug				
Forecast:	Set plug, perforate stage 1 w/ TCP guns, and RU Frac Tech				
Accident/Spill(Y/N):	N	Description:			

Casing Data												
Section	Size (in)	Depth (ft)	Weight (lbs/ft)	Grade	Conn	ID (in)	Drift	Burst (psi)	Collapse	Tension	TOC (ft)	Comments
Surface	13.375	983	54.500	J-55	BTC	12.615	12.460	2,730	1,130	853,000	0	
Other Production	5.500	6,485 14,260	17.000	P-110	LTC	4.892		0	0	0	0	

Wellbore Detail		Wellhead Detail		BHA Summary				
Horizontal/Vertical:	HORIZONTAL	A Sec:	13 3/8" SOW x 13 5/8" 5M	BHA # CIBP				
KB (ft):	2805.92	B Sec:	13 5/8" 5M x 13 5/8" 5M	Qty	Description	O.D. (in)	I.D. (in)	Length (ft)
GL (ft):	2777.92	C Sec:	11" 5M x 7 1/16" 10M					
KB-GL (ft):	28.00	Valve Detail Bottom to Top:		1	Hydraulic setting tool	3.500	0.500	6.59
KOP (ft):	6,700			1	Setting sleeve	4.130		2.14
Build Section:	Main			1	5 1/2" Copperhd plug	4.390		2.22
Deviation:	1.18				Total			10.95
TVD @ TD (ft):	6,700							
Average TVD (ft):	6,700							
Bottom Hole Loc:	50' FNL & 2310' FEL SEC 8							
PBTD (ft):	6,700							

Perforation Summary										Plug Detail			
Stage #	Date	Top (ft)	Bottom (ft)	# Perf	SPF	Perf Size (in)	Phasing	Clusters	Cluster Spc (ft)	Depth (ft)	OD (in)	Rating (psi)	Type
CIBP	04/28/2012	0	0	0						0		0	

Stimulation Data													
Stage	Acid Vol (bbl)	Fluid Volume (bbl)	Prop Total (lbs)	Max Prop Conc (lb/gal)	Max Pressure (psi)	Max Rate (bpm)	Average Pressure (psi)	Average Rate (bpm)	Frac Gradient (psi/ft)	ISIP (psi)	5 min (psi)	Comments	

Operations Summary						Activity Last 24 hours	
From	To	HRS	Ph	Op			
06:00	08:30	2.50	COMP	OT	CTS Crews to arrive at 8:30 am		
08:30	09:15	0.75	COMP	SM	SM and review JSA's with everyone involved with Coil operations. Hazard hunt and address safety hazards.		
09:15	10:45	1.50	COMP	CTRU	MIRU CTU and support		
10:45	11:48	1.05	COMP	TE	Function test BOP/ Pull test 25,000 low/high 35,000psi.		
11:48	12:45	0.95	COMP	CTBHA	MU CTU BHA with reverse clutch mill (4.5"OD). circulate mill test.		
12:45	13:08	0.38	COMP	TE	Test Lubricator and BOP to 8,000 psi. bled down pressure to 2,000.		
13:08	13:50	0.70	COMP	CTRIH	Open well with 2,000 psi CTU RIH pump rate of .5 circ. in/out with 2686 cir. psi, whp 2605 psi, 148 ft/min.		
13:50	14:05	0.25	COMP	CTRIH	Weight check at 5,000' (ctm) circ. rate .5 bpm, circ psi 2400, whp 2450 psi. PU 15K , pumped 10 bbl sweep w/pipe on pipe.		
14:05	15:05	1.00	COMP	CTRIH	Increase circ. rate to 1 bpm in/out, circ psi 3100, whp 2628 psi, rate 126 ft/min. depth 6,800'(ctm). Pumped 10 bbls sweep with pipe on pipe and liquid beads. At 13,112' (ctm) Pumped another 10 bbl sweep with pipe on pipe and liquid beads.		
15:05	15:15	0.17	COMP	CTRIH	At 14,000' (ctm) decreased circ. rate to .25 bpm in/out circ. psi 2500, whp 2640 psi, 70 ft/min. Tagged top of fish at 14,224' (ctm) picked up to 14,215' (ctm) paint and mark coil.		
		24.00					

GENERAL COMMENTS :

Safety Meeting and Review JSA's with everyone involved with Coil operations, discussed: PPE, trip hazards, manlift and crane operations, overhead loads, pinch points, heat exhuastion, snakes, eyes on path, 3 point contact, pressure releasing, slip hazards. Discussed safety issues during Hazard hunt findings, trip hazards around wellhead, overhead loads, drink plenty of water due to heat. Discussed Emergency contacts and route to nearest Hospital, Big Lake TX or if serious Midland TX.

From	To	HRS	Ph	Op	Activity Last 24 hours
15:15	17:15	2.00	COMP	CTPOOH	CTU POOH circ.rate 2 bpm in/out, circ. psi 3508, whp 2460 psi, rate of 40 ft/min.
17:15	19:50	2.58	COMP	CTPOOH	OOH w/ mill assembly. No marks on mill or motor. LD assembly.
19:50	00:05	4.25	COMP	OT	Smith Tool hand arrived on location @ 1952 hrs. Inspected & measure CIBP tools. Found cross-over wrong size (2 3/8" reg pin X 2 7/8" PAC box instead of 2 3/8" reg pin X 2 3/8" PAC box). Called Smith Midland office to bring correct size cross-over.
00:05	01:05	1.00	COMP	OT	Smith hotshot arrived on location with wrong cross over (stamped incorrectly). Correct cross over is 2 3/8" reg pin X 2 3/8" PAC box. Both wrong cross-overs were 2 3/8" reg pin X 2 7/8" PAC box. Made calls to vendors.
01:05	04:50	3.75	COMP	OT	Found correct size cross-over at TTS shop in Odessa. Sent Smith tool hand to pick up cross-over.
04:50	05:45	0.92	COMP	CTRU	MU 4.39" plug assembly. Plug assembly details to follow. Measured drop ball @ 0.625" OD. Confirmed correct size w/ Smith tool hand.
05:45	06:00	0.25	COMP	CTRIH	RIH w/ plug assembly @ 200'.
		24.00			



DAILY COMPLETION AND WORKOVER REPORT

UNIVERSITY 12-17 1H

DATE : 04/29/2012

EVENT #

Well:	UNIVERSITY 12-17 1H	Report by:	MARTIN JIMENEZ	AFE C Total:	\$4,618,900
API #:	4238337579	Report #:	7	Daily Cost:	\$142,193
REGION:	MID-CON REGION	AFE#:	110DC114542	Cum DRLG:	\$6,438,703
FIELD:	SOUTH MIDLAND	AFE Total:	\$9,639,700	Comp/WO (Event 2 or 4):	\$464,549
State:	TEXAS	WI%:	100.000	Cum Fac Const (Event 3):	
County/Parish:	REAGAN	% AFE Spent:	71.61%	Cum Total Spent:	\$6,903,252

24 Hrs SUMMARY:	CTU SET PLUG, PERFORATE STAGE 1 W/ TCP GUNS, RIG UP FTS SPREAD.				
Current Activity:	RU FTS				
Forecast:	COMPLETE FTS FRAC SPREAD RIG UP, PRIME UP PRESSURE TEST, RU WL AND SUPPORT, RU RESTRAINS ON IRON EQUIPMENT.				
Accident/Spill(Y/N):	N	Description:			

Casing Data												
Section	Size (in)	Depth (ft)	Weight (lbs/ft)	Grade	Conn	ID (in)	Drift	Burst (psi)	Collapse	Tension	TOC (ft)	Comments
Surface	13.375	983	54.500	J-55	BTC	12.615	12.460	2,730	1,130	853,000	0	
Other Production	5.500	6,485 14,260	17.000	P-110	LTC	4.892		0	0	0	0	

Wellbore Detail		Wellhead Detail		BHA Summary				
Horizontal/Vertical:	HORIZONTAL	A Sec:	13 3/8" SOW x 13 5/8" 5M	BHA # 01				
KB (ft):	2805.92	B Sec:	13 5/8" 5M x 13 5/8" 5M	Qty	Description	O.D. (in)	I.D. (in)	Length (ft)
GL (ft):	2777.92	C Sec:	11" 5M x 7 1/16" 10M					
KB-GL (ft):	28.00	Valve Detail Bottom to Top:						
KOP (ft):	6,700							
Build Section:	Main							
Deviation:	1.18							
TVD @ TD (ft):	6,700							
Average TVD (ft):	6,700							
Bottom Hole Loc:	50' FNL & 2310' FEL SEC 8			1	Coil connector	2.880	1.500	0.87
PBTD (ft):	6,700							

Perforation Summary										Plug Detail			
Stage #	Date	Top (ft)	Bottom (ft)	# Perf	SPF	Perf Size (in)	Phasing	Clusters	Cluster Spc (ft)	Depth (ft)	OD (in)	Rating (psi)	Type
01	04/29/2012	14,001	14,205	54	5.40	0.42	60	5	51.00	14,211	4.2	10,000	SLB ABP

Stimulation Data													
Stage	Acid Vol (bbl)	Fluid Volume (bbl)	Prop Total (lbs)	Max Prop Conc (lb/gal)	Max Pressure (psi)	Max Rate (bpm)	Average Pressure (psi)	Average Rate (bpm)	Frac Gradient (psi/ft)	ISIP (psi)	5 min (psi)	Comments	

Operations Summary					
From	To	HRS	Ph	Op	Activity Last 24 hours
06:00	11:20	5.33	COMP	CTRIH	Continue to RIH with CT, tagged top of fish at 14,215' picked up to 14,211' (ctm) and drop ball with 10 bbl sweep displace ball at 2 bpm circ.psi 2900, 2700 whp, .5 ft/min. Pulled up to, 14,211' (ctm) pumped 60 bbls at 2 bpm and did not see any indications of seating ball, but whp started decreasing down to 1,780 psi, shut down and pressure dropped to 200 psi, got back on rate to make sure ball was not setting on top of setting seat. Pumped 10 bbls at a rate of 2 bpm,whp 700 psi. Shut down picked up to 14,200' (ctm) pressured up to 4200 psi to see any indications if plug set, pressure did not hold was bleeding back slowly. Run back down to 14,211'(ctm) started pumping to make sure 2X capacity of reel was pumped, pumped 36 bbls and pressure up to 7,000 psi and seen ball action pressure held for a min and started bleeding back slowly. Bled pressure down in Coil and csg, re-pressure back up to 6,500 psi and had same result with pressure bleeding down slowly.
11:20	14:00	2.67	COMP	CTPOOH	CTPOOH Confirmed ball set @ 14,211' (ctm)
14:00	16:00	2.00	COMP	PTC	Applied 1000 psi on Intermediate and 9200 psi on csg and monitor for 30 min. and chart. Pressure bled down 200 psi during shut in.
16:00	16:35	0.58	COMP	CTBHA	Bled down pressure and MU TCP gun assembly.
16:35	18:50	2.25	COMP	CTRIH	CTRIH and tag plug at 14,210' (ctm) pick up and perforate 1st stage,
18:50	20:55	2.08	COMP	CTPOOH	CTPOOH all shots appeared fired will confirm on surface.
		23.99			

GENERAL COMMENTS :

Safety Meeting with FTS and review JSA's, discussed PPE, smoking, trip hazards, ground guides, lifting, overhead hazards, heat, hammering, pinch points, 3 point contact, line guides, chemicals on location, Emergency contacts and route to Big Lake Hospital or Midland TX

From	To	HRS	Ph	Op	Activity Last 24 hours
20:55	23:45	2.83	COMP	CTRD	LD TCP assembly. All shots fired. RD CTS, Spartan and TCP specialists equipment.
23:45	06:00	6.25	COMP	SDFN	Secure well & SDFN.
		23.99			

DAILY COMPLETION AND WORKOVER REPORT
UNIVERSITY 12-17 1H

DATE : 04/30/2012

EVENT #

Well:	UNIVERSITY 12-17 1H	Report by:	RON MILLER	A/E C Total:	\$4,618,900
API #:	4238337579	Report #:	8	Daily Cost:	\$33,285
REGION:	MID-CON REGION	A/E#:	110DC114542	Cum DRLG:	\$6,438,703
FIELD:	SOUTH MIDLAND	A/E Total:	\$9,639,700	Comp/WO (Event 2 or 4):	\$497,834
State:	TEXAS	W1%:	100.000	Cum Fac Const (Event 3):	
County/Parish:	REAGAN	% A/E Spent:	71.96%	Cum Total Spent:	\$6,936,537

24 Hrs SUMMARY:	Completed Frac Tech rig up. Checked communications to blenders and pumps. Pressure tested lines and pumps to 9,200 psi. OK		
Current Activity:	Prep for JSA for Stage 1 frac		
Forecast:	Frac stages 1-4 and WL stages 2-5		
Accident/Spill(Y/N):	N	Description:	

[illegible]

Wellbore Detail		Wellhead Detail		BHA Summary				
Horizontal/Vertical:	HORIZONTAL	A Sec:	13 3/8" SOW x 13 5/8" 5M	BHA #				
KB (ft):	2805.92	B Sec:	13 5/8" 5M x 13 5/8" 5M	Qty	Description	O.D. (in)	I.D. (in)	Length (ft)
GL (ft):	2777.92	C Sec:	11" 5M x 7 1/16" 10M					
KB-GL (ft):	28.00	Valve Detail Bottom to Top:						
KOP (ft):	6,700							
Build Section:	Main							
Deviation:	1.18							
TVD @ TD (ft):	6,700							
Average TVD (ft):	6,700							
Bottom Hole Loc:	50' FNL & 2310' FEL SEC 8							
PBTD (ft):	6,700							

[illegible][illegible]

Operations Summary					
From	To	HRS	Ph	Op	Activity Last 24 hours
06:00	07:00	1.00	COMP	SDFN	Well SI
07:00	07:40	0.67	COMP	SM	Held JSA/SM for RU
07:40	18:05	10.42	COMP	FRU	RU FTS frac spread (1 hydration unit, 2 blenders, and 20 pumps)
18:05	18:20	0.25	COMP	SM	Held JSA/SM for pressure testing
18:20	18:55	0.58	COMP	FPT	Pressure tested lines & pumps. Found 1 O-ring leak. Re-test to 9,200 psi. OK. Bleed lines.
18:55	06:00	11.08	COMP	SDFN	Well secure. SDFN.
		24.00			

GENERAL COMMENTS :

Held JSA #1 w/ Frac Tech, PWC to discuss RU safety, tag lines, hydration, equipment back-up spotters, pinch points, trip hazards, high pressure line safety, and clear communication. Held JSA #2 w/ Frac Tech, PWC, and BHP Billiton to discuss pressure testing lines and pumps. Discussed high pressure line of fire area and leak fixing procedure.



DAILY COMPLETION AND WORKOVER REPORT

UNIVERSITY 12-17 1H

DATE : 05/01/2012

EVENT #

Well:	UNIVERSITY 12-17 1H	Report by:	RON MILLER	AFE C Total:	\$4,618,900
API #:	4238337579	Report #:	9	Daily Cost:	\$385,295
REGION:	MID-CON REGION	AFE#:	110DC114542	Cum DRLG:	\$6,438,703
FIELD:	SOUTH MIDLAND	AFE Total:	\$9,639,700	Comp/WO (Event 2 or 4):	\$883,129
State:	TEXAS	WI%:	100.000	Cum Fac Const (Event 3):	
County/Parish:	REAGAN	% AFE Spent:	76.47%	Cum Total Spent:	\$7,371,319

24 Hrs SUMMARY:	Held JSA's/operations meetings. Frac stages 1-3. W/L stages 2-4.				
Current Activity:	W/L stage 4.				
Forecast:	Hold JSA's/ operations meetings. Frac stages 4-7. W/L stages 5-8.				
Accident/Spill(Y/N):	N	Description:			

Casing Data												
Section	Size (in)	Depth (ft)	Weight (lbs/ft)	Grade	Conn	ID (in)	Drift	Burst (psi)	Collapse	Tension	TOC (ft)	Comments
Surface	13.375	983	54.500	J-55	BTC	12.615	12.460	2,730	1,130	853,000	0	
Other Production	5.500	6,485 14,260	17.000	P-110	LTC	4.892		0	0	0	0	

Wellbore Detail		Wellhead Detail		BHA Summary				
Horizontal/Vertical:	HORIZONTAL	A Sec:	13 3/8" SOW x 13 5/8" 5M	BHA # 03				
KB (ft):	2805.92	B Sec:	13 5/8" 5M x 11" 5M	Qty	Description	O.D. (in)	I.D. (in)	Length (ft)
GL (ft):	2777.92	C Sec:	11" 5M x 7 1/16" 10M					
KB-GL (ft):	28.00	Valve Detail Bottom to Top:		1	Cable head	1.440		1.00
KOP (ft):	6,700		1	CCL Perforator	2.750		1.71	
Build Section:	Main		1	Fishing Neck	3.130		0.92	
Deviation:	1.18		5	Perforating Guns	3.375		18.00	
TVD @ TD (ft):	6,700		1	Poseidon 10k ST	4.375		10.00	
Average TVD (ft):	6,700				Total			29.63
Bottom Hole Loc:	50' FNL & 2310' FEL SEC 8							
PBTD (ft):	6,700							

Perforation Summary										Plug Detail			
Stage #	Date	Top (ft)	Bottom (ft)	# Perf	SPF	Perf Size (in)	Phasing	Clusters	Cluster Spc (ft)	Depth (ft)	OD (in)	Rating (psi)	Type
02	05/01/2012	13,750	13,954	44	4.40	0.42	60	5	51.00	13,979	4.4	10,000	
03	05/01/2012	13,499	13,702	44	4.40	0.42	60	5	50.75	0	4.4	10,000	

Stimulation Data													
Stage	Acid Vol (bbl)	Fluid Volume (bbl)	Prop Total (lbs)	Max Prop Conc (lb/gal)	Max Pressure (psi)	Max Rate (bpm)	Average Pressure (psi)	Average Rate (bpm)	Frac Gradient (psi/ft)	ISIP (psi)	5 min (psi)	Comments	

Operations Summary						Activity Last 24 hours	
From	To	HRS	Ph	Op			
06:00	06:45	0.75	COMP	SM	Held JSA for stage 1 frac		
06:45	07:30	0.75	COMP	TE	Changed out FR pump because it wasn't flushed the previous day.		
07:30	08:14	0.73	COMP	FPT	Stg 1 frac Apex - Sarah Eakin. Test lines to 9,378 psi. Pop off #1 - 8,713 / 230 / 1800. Pop off #2 - 8,742 / 250 / 1800. BS-1800.Changed out one pump transducer. All transducers within 3% range.		
08:14	11:07	2.88	COMP	FP	Open well, SICP=1931 psi. Apply 800 psi to intermediate, Surface= 0 psi. Frac stage 1 per design.		
11:07	11:45	0.63	COMP	SM	Held JSA/Operations meeting for stage 2 WL		
11:45	12:05	0.33	COMP	WLRU	Stg 2 WL. MU 5 1/2" (4.43 OD) 10K Poseidon CFP & 5 (5 spf) WL guns. RU lubricator & test on chart to 8,000 psi. Bled to WHP 2400 psi & OW.		
12:05	12:40	0.58	COMP	WLRH	RIH w/ WL & correlate to XO. @ 6,466' WLM.		
12:40	13:20	0.67	COMP	WLPD	Pump dn plug & guns to 13,990' WLM. PU & set plug @ 13,979' WLM. PU perf Stg 2.		
13:20	15:25	2.08	COMP	WLPOOH	POOH w/ gun assembly. Wireline truck had trouble with drum ~ 1400'. Slowed to 100 fpm.		
15:25	15:30	0.08	COMP	WLRD	RD WL & confirm plug set & all shots fired. Drop 2.00" OD ball & pump past WH w/ 3 bbls of 4% KCL wtr. Fixed wireline drum problem.		
		23.98					

GENERAL COMMENTS :
Held JSA w/ Frac Tech, PWC, Select, Microseismic, Simons Petroleum, Basic, Swaco, Monahans, Cased Hole Solutions, and APEX. Total 67. Discussed nearest hospital, PPE, trip hazards, right to shutdown job, emergency plan, and each equipment special precautions. Held JSA's w/ Cased Hole, SPC, Frac Tech, PWC, Swaco, Monahans and Cameron. Total 18. Discussed overhead loads, live gun safety, line of fire while testing lubricator, stay clear of moving wireline, and manlift safety/communication.

From	To	HRS	Ph	Op	Activity Last 24 hours
15:30	15:35	0.08	COMP	FPT	Pressure test lines. Found O-ring leak on main line and block valve. Changed out O-ring on missile block valve. Stg 2 frac Apex - Sarah Eakin. Test lines to 9,358 psi. Pop off #1 - 8,713 / 230 / 1800. Pop off #2 - 8,742 / 250 / 1800. BS-1800.Changed out one pump transducer. All transducers but one pump within 3% range. Will change out post frac. Stg 1 frac Apex - Sarah Eakin. Test lines to 9,378 psi. Pop off #1 - 14,247 / 470 / 1600. Pop off #2 - 14,277 / 440 / 1850. BS-2547/60/2000 . All transducers within 3% range.
15:35	15:45	0.17	COMP	FP	Open well, SICP=1931 psi. Apply 800 psi to intermediate, Surface= 0 psi. Frac stage 2 per design.
15:45	18:45	3.00	COMP	SM	Held JSA/Operations meeting for stage 3 WL
18:45	19:40	0.92	COMP	WLRU	Stg 3 WL. MU 5 1/2" (4.43 OD) 10K Poseidon CFP & 5 (5 spf) WL guns. RU lubricator & test on chart to 8,000 psi. Bled to WHP 2400 psi & OW.
19:40	20:09	0.48	COMP	WLRIH	RIH w/ WL & correlate to XO. @ 6,466' WLM.
20:09	20:12	0.05	COMP	WLPD	Pump dn plug & guns to 13,727' WLM. PU & set plug @ 13,697' WLM. PU perf Stg 3.
20:12	21:00	0.80	COMP	WLPOOH	POOH w/ gun assembly.
21:00	21:45	0.75	COMP	WLRD	RD WL & confirm plug set & all shots fired. Drop 2.00" OD ball & pump past WH w/ 3 bbls of 4% KCL wtr.
21:45	22:15	0.50	COMP	FPT	Pressure test lines. Stg 3 frac Apex - Ty Graham. Test lines to 9,214 psi. Pop off #1 - 8,713 / 230 / 1800. Pop off #2 - 8,742 / 250 / 1800. BS-1800.
22:15	22:30	0.25	COMP	FP	Open well, SICP=1981 psi. Apply 800 psi to intermediate, Surface= 0 psi. Frac stage 3 per design.
22:30	23:10	0.67	COMP	OT	SD pumping on Stage 03 to repair hose on charge pump of FT blender.
23:10	01:15	2.08	COMP	FP	Started pumping on Stage 03.
01:15	02:50	1.58	COMP	OT	SD pumping stage 03 to inspect valves on hydration unit. Determined manual flapper valve on hydration unit was operating in reverse.
02:50	04:30	1.67	COMP	FP	Equalize frac stack to wellhead pressure @ 2,400 psi. Open Well. Frac stage 3 per design.
04:30	05:00	0.50	COMP	SM	Held JSA/Operations meeting for stage 4 WL.
05:00	05:15	0.25	COMP	WLRU	Stg 4 WL. MU 5 1/2" (4.43 OD) 10K Poseidon CFP & 5 (5 spf) WL guns. RU lubricator & test on chart to 8,000 psi. Bled to WHP 2400 psi & OW.
05:15	06:00	0.75	COMP	WLRIH	RIH w/ WL & correlate to XO. @ 6,466' WLM.
		23.98			



DAILY COMPLETION AND WORKOVER REPORT

UNIVERSITY 12-17 1H

DATE : 05/02/2012

EVENT #

Well:	UNIVERSITY 12-17 1H	Report by:	RON MILLER	AFE C Total:	\$4,618,900
API #:	4238337579	Report #:	10	Daily Cost:	\$507,095
REGION:	MID-CON REGION	AFE#:	110DC114542	Cum DRLG:	\$6,438,703
FIELD:	SOUTH MIDLAND	AFE Total:	\$9,639,700	Comp/WO (Event 2 or 4):	\$1,390,224
State:	TEXAS	WI%:	100.000	Cum Fac Const (Event 3):	
County/Parish:	REAGAN	% AFE Spent:	81.73%	Cum Total Spent:	\$7,878,414

24 Hrs SUMMARY:	Held JSA/operations meeting. Frac stages 04-08. WL stages 05-08
Current Activity:	Completing frac stage 8 per design. Prepare for WL stage 9.
Forecast:	Hold JSA's/ operations meetings. Frac stages 9-13. W/L stages 9-14.
Accident/Spill(Y/N):	N Description:

Casing Data												
Section	Size (in)	Depth (ft)	Weight (lbs/ft)	Grade	Conn	ID (in)	Drift	Burst (psi)	Collapse	Tension	TOC (ft)	Comments
Surface	13.375	983	54.500	J-55	BTC	12.615	12.460	2,730	1,130	853,000	0	
Other Production	5.500	6,485 14,260	17.000	P-110	LTC	4.892		0	0	0	0	

Wellbore Detail		Wellhead Detail		BHA Summary				
Horizontal/Vertical:	HORIZONTAL	A Sec:	13 3/8" SOW x 13 5/8" 5M	BHA # 08				
KB (ft):	2805.92	B Sec:	13 5/8" 5M x 11" 5M	Qty	Description	O.D. (in)	I.D. (in)	Length (ft)
GL (ft):	2777.92	C Sec:	11" 5M x 7 1/16" 10M					
KB-GL (ft):	28.00	Valve Detail Bottom to Top:						
KOP (ft):	6,700							
Build Section:	Main							
Deviation:	1.18							
TVD @ TD (ft):	6,700							
Average TVD (ft):	6,700							
Bottom Hole Loc:	50' FNL & 2310' FEL SEC 8							
PBTD (ft):	6,700							
				1	Cable head	1.440		1.00
				1	CCL Perforator	2.750		1.71
				1	Fishing Neck	3.130		0.92
				5	Perforating Guns	3.375		18.00
				1	Poseidon 10k ST & plg	4.375		10.00
					Total			29.63

Perforation Summary										Plug Detail			
Stage #	Date	Top (ft)	Bottom (ft)	# Perf	SPF	Perf Size (in)	Phasing	Clusters	Cluster Spc (ft)	Depth (ft)	OD (in)	Rating (psi)	Type
04	05/02/2012	13,248	13,451	22	2.20	0.42	60	5	50.75	13,476	4.4	10,000	
05	05/02/2012	12,996	13,199	44	4.40	0.42	60	5	50.75	13,224	4.4	10,000	
06	05/02/2012	12,745	12,948	44	4.40	0.42	60	5	50.75	12,973	4.4	10,000	
07	05/02/2012	12,493	12,696	44	4.40	0.42	60	5	50.75	0	4.4	10,000	
08	05/02/2012	12,242	12,445	44	4.40	0.42	60	5	50.75	0	4.4	10,000	

Stimulation Data												
Stage	Acid Vol (bbl)	Fluid Volume (bbl)	Prop Total (lbs)	Max Prop Conc (lb/gal)	Max Pressure (psi)	Max Rate (bpm)	Average Pressure (psi)	Average Rate (bpm)	Frac Gradient (psi/ft)	ISIP (psi)	5 min (psi)	Comments
01	59	9,427	300,723	2	0	102.8	7,084	97.2	0.85	0	0	
02	64	9,210	321,000	2	0	104.4	7,273	101.5	0.87	0	0	
03	24	12,114	267,000	2	0	106.0	6,609	94.0	0.86	0	0	
04	39	9,430	320,018	2	0	103.8	6,113	100.3	0.83	0	0	
06	64	17,167	319,000	3	0	107.3	6,458	105.5	0.85	0	0	

Operations Summary						Activity Last 24 hours
From	To	HRS	Ph	Op		
06:00	06:25	0.42	COMP	WLPD	Pump dn plug & guns to 13,490' WLM. PU & set plug @ 13,476' WLM. PU perf Stg 4.	
06:25	07:00	0.58	COMP	WLPOOH	POOH w/ gun assembly	
07:00	07:30	0.50	COMP	WLRD	RD WL & confirm plug set & all shots fired. Drop 2.00" OD ball & pump past WH w/ 3 bbls of 4% KCL wtr. RD wireline truck & replace due to bearing problems with drum while fracing stage 4	
07:30	07:40	0.17	COMP	SM	Held JSA/shift change meeting for stage 4 frac.	
07:40	08:20	0.67	COMP	OT	SD job for meeting to review and solve hydration by-pass problem which occurred during stage 3 frac.	
08:20	08:40	0.33	COMP	FPT	Stg 4 frac Apex - Sarah Eakin/Ty Graham. Test lines to 9,310 psi. Pop off #1 - 8,782 / 300 / 1500. Pop off #2 - 8,713 / 260 / 1750. BS-1800. All transducers within 3% range.	
08:40	10:53	2.22	COMP	FP	OW= 2365 psi. Pumped stage 4 frac per design.	
10:53	11:15	0.37	COMP	SM	Held JSA for stage 5 WL	
11:15	12:05	0.83	COMP	WLRU	Stg 5 WL. MU 5 1/2" (4.43 OD) 10K Poseidon CFP & 5 (5 spf) WL guns. RU lubricator & test on chart to 8,000 psi. Bled to WHP 2400 psi & OW.	
12:05	12:34	0.48	COMP	WLRIH	RIH w/ WL & correlate to XO. @ 6,466' WLM.	
		24.03				

GENERAL COMMENTS :

Held JSA/operations meeting w/ Frac Tech, PWC, Vertex, Select, SPM Weir, Maxum Fuel, and Microseismic. Total = 52. Discussed hydration unit operation, trip hazards, high pressure line of fire, clear communication, PPE, nearest hospital, and safety hazards associated with each operation. Held JSA w/ Cased Hole Solution, SPC, Monahans, Swaco, PWC, and Frac Tech. Total=18. Discussed overhead loads, safe dolly operation, live gun operation, PPE, lubricator fill procedure, high pressure lines, slips, trips, and falls.

From	To	HRS	Ph	Op	Activity Last 24 hours
12:34	13:10	0.60	COMP	WLPD	Pump dn plug & guns to 13,234' WLM. PU & set plug @ 13,224' WLM. PU perf Stg 5.
13:10	13:55	0.75	COMP	WLPOOH	POOH w/ gun assembly. Held JSA for stage 5 frac.
13:55	14:08	0.22	COMP	WLRD	RD WL & confirm plug set & all shots fired. Drop 2.00" OD ball & pump past WH w/ 3 bbls of 4% KCL wtr.
14:08	14:13	0.08	COMP	FPT	Stg 5 frac Apex - Sarah Eakin/Ty Graham. Test lines to 9,356 psi. Pop off #1 - 8,782 / 300 / 1500. Pop off #2 - 8,713 / 260 / 1750. BS-1800. All transducers within 3% range.
14:13	16:39	2.43	COMP	FP	OW=2305 psi. Frac stage 5 per design.
16:39	16:45	0.10	COMP	SM	Held JSA for stage 6 WL.
16:45	16:55	0.17	COMP	WLRU	Stg 6 WL. MU 5 1/2" (4.43 OD) 10K Poseidon CFP & 5 (5 spf) WL guns. RU lubricator & test on chart to 8,000 psi. Bled to WHP 2400 psi & OW.
16:55	17:15	0.33	COMP	WLRIH	RIH w/ WL & correlate to XO. @ 6,466' WLM.
17:15	17:53	0.63	COMP	WLPD	Pump dn plug & guns to 12,985' WLM. PU & set plug @ 12,973' WLM. PU perf Stg 6.
17:53	18:45	0.87	COMP	WLPOOH	POOH w/ gun assembly.
18:45	18:55	0.17	COMP	WLRD	RD WL & confirm plug set & all shots fired. Drop 2.00" OD ball & pump past WH w/ 3 bbls of 4% KCL wtr.
18:55	19:10	0.25	COMP	FPT	Stg 6 frac Apex - Sarah Eakin/Ty Graham. Test lines to 9,306 psi. Pop off #1 - 8,782 / 300 / 1500. Pop off #2 - 8,713 / 260 / 1750. BS-1800. All transducers within 3% range.
19:10	19:35	0.42	COMP	FP	OW=2305 psi. Frac stage 6 per design.
19:35	21:12	1.62	COMP	SM	Held JSA for stage 7 WL.
21:12	21:40	0.47	COMP	WLRU	Stg 7 WL. MU 5 1/2" (4.43 OD) 10K Poseidon CFP & 5 (5 spf) WL guns. RU lubricator & test on chart to 8,000 psi. Bled to WHP 2400 psi & OW.
21:40	21:50	0.17	COMP	WLRIH	RIH w/ WL & correlate to XO. @ 6,466' WLM.
21:50	22:26	0.60	COMP	WLPD	Pump dn plug & guns to 12,725' WLM. PU & set plug @ 12,714' WLM. PU perf Stg 7.
22:26	22:57	0.52	COMP	WLPOOH	POOH w/ gun assembly.
22:57	23:30	0.55	COMP	WLRD	RD WL & confirm plug set & all shots fired. Drop 2.00" OD ball & pump past WH w/ 3 bbls of 4% KCL wtr.
23:30	23:55	0.42	COMP	FPT	Stg 7 frac Apex - Sarah Eakin/Ty Graham. Test lines to 9,306 psi. Pop off #1 - 8,782 / 300 / 1500. Pop off #2 - 8,713 / 260 / 1750. BS-1800. All transducers within 3% range.
23:55	00:05	0.17	COMP	FP	OW=2427 psi. Frac stage 7 per design.
00:05	00:06	0.02	COMP	OT	Could not get acid to blender due to debris in valve on acid transport from liner. Transport apparently was not flushed properly before loading. Transport # 53AT-0856 from Bryan, Tx.
00:06	00:20	0.23	COMP	FP	Proceed with frac stage 07.
00:20	00:39	0.32	COMP	OT	Tub on hydration went dry causing the blender to run out of water.
00:39	01:00	0.35	COMP	FP	Resume stage 7 as designed.
01:00	02:05	1.08	COMP	SM	Held JSA for stage 8 WL.
02:05	02:20	0.25	COMP	WLRU	Stg 8 WL. MU 5 1/2" (4.43 OD) 10K Poseidon CFP & 5 (5 spf) WL guns. RU lubricator & test on chart to 8,000 psi. Bled to WHP 2400 psi & OW.
02:20	02:40	0.33	COMP	WLRIH	RIH w/ WL & correlate to XO. @ 6,466' WLM.
02:40	03:05	0.42	COMP	WLPD	Pump dn plug & guns to 12,482' WLM. PU & set plug @ 12,470' WLM. PU perf Stg 8.
03:05	03:40	0.58	COMP	WLPOOH	POOH w/ gun assembly.
03:40	04:10	0.50	COMP	WLRD	RD WL & confirm plug set & all shots fired. Drop 2.00" OD ball & pump past WH w/ 3 bbls of 4% KCL wtr.
04:10	04:20	0.17	COMP	FPT	Stg 8 frac Apex - Sarah Eakin/Ty Graham. Test lines to 9,343 psi. Pop off #1 - 8,782 / 300 / 1500. Pop off #2 - 8,713 / 260 / 1750. BS-1800. All transducers within 3% range.
04:20	04:30	0.17	COMP	FP	Stg 8 frac Apex - Sarah Eakin/Ty Graham. Test lines to 9,306 psi. Pop off #1 - 8,782 / 300 / 1500. Pop off #2 - 8,713 / 260 / 1750. BS-1800. All transducers within 3% range.
04:30	06:00	1.50	COMP		OW=2586 psi. Frac stage 7 per design.
		24.03			



DAILY COMPLETION AND WORKOVER REPORT

UNIVERSITY 12-17 1H

DATE : 05/03/2012

EVENT #

Well:	UNIVERSITY 12-17 1H	Report by:	RON MILLER	AFE C Total:	\$4,618,900
API #:	4238337579	Report #:	11	Daily Cost:	\$649,095
REGION:	MID-CON REGION	AFE#:	110DC114542	Cum DRLG:	\$6,438,703
FIELD:	SOUTH MIDLAND	AFE Total:	\$9,639,700	Comp/WO (Event 2 or 4):	\$2,043,319
State:	TEXAS	WI%:	100.000	Cum Fac Const (Event 3):	
County/Parish:	REAGAN	% AFE Spent:	88.50%	Cum Total Spent:	\$8,531,509

24 Hrs SUMMARY:	Hold JSA's/ operations meetings. Frac stages 9-13. W/L stages 9-14.
Current Activity:	Pumping frac stage 14 per design.
Forecast:	Hold JSA's/ operations meetings. Frac stages 14-18. W/L stages 15-19.
Accident/Spill(Y/N):	N Description:

Casing Data												
Section	Size (in)	Depth (ft)	Weight (lbs/ft)	Grade	Conn	ID (in)	Drift	Burst (psi)	Collapse	Tension	TOC (ft)	Comments
Surface	13.375	983	54.500	J-55	BTC	12.615	12.460	2,730	1,130	853,000	0	
Other Production	5.500	6,485 14,260	17.000	P-110	LTC	4.892		0	0	0	0	

Wellbore Detail		Wellhead Detail		BHA Summary				
Horizontal/Vertical:	HORIZONTAL	A Sec:	13 3/8" SOW x 13 5/8" 5M	BHA # 14				
KB (ft):	2805.92	B Sec:	13 5/8" 5M x 11" 5M	Qty	Description	O.D. (in)	I.D. (in)	Length (ft)
GL (ft):	2777.92	C Sec:	11" 5M x 7 1/16" 10M					
KB-GL (ft):	28.00	Valve Detail Bottom to Top:		1	Cable head	1.440		1.00
KOP (ft):	6,700			1	CCL Perforator	2.750		1.71
Build Section:	Main			1	Fishing Neck	3.130		0.92
Deviation:	1.18			5	Perforating Guns	3.375		18.00
TVD @ TD (ft):	6,700			1	Poseidon 10k ST & plg	4.375		10.00
Average TVD (ft):	6,700				Total			29.63
Bottom Hole Loc:	50' FNL & 2310' FEL SEC 8							
PBTD (ft):	6,700							

Perforation Summary										Plug Detail			
Stage #	Date	Top (ft)	Bottom (ft)	# Perf	SPF	Perf Size (in)	Phasing	Clusters	Cluster Spc (ft)	Depth (ft)	OD (in)	Rating (psi)	Type
09	05/03/2012	11,991	12,194	44	4.40	0.42	60	5	50.75	12,219	4.4	10,000	
10	05/03/2012	11,739	11,942	44	4.40	0.42	60	5	50.75	11,967	4.4	10,000	
11	05/03/2012	11,488	11,691	44	4.40	0.42	60	5	50.75	11,716	4.4	10,000	
14	05/03/2012	10,733	10,937	44	4.40	0.42	60	5	51.00	10,952	4.4	10,000	

Stimulation Data													
Stage	Acid Vol (bbl)	Fluid Volume (bbl)	Prop Total (lbs)	Max Prop Conc (lb/gal)	Max Pressure (psi)	Max Rate (bpm)	Average Pressure (psi)	Average Rate (bpm)	Frac Gradient (psi/ft)	ISIP (psi)	5 min (psi)	Comments	
07	24	8,991	344,000	3	0	108.4	6,800	107.2	0.88	0	0		
08	24	8,347	339,300	3	0	110.3	6,600	109.3	0.89	0	0		
09	64	7,745	0	3	0	102.7	6,303	102.4	0.90	0	0		
10	46	7,975	299,520	3	0	103.1	6,485	100.7	0.88	0	0		
11	24	7,614	315,000	3	0	101.9	6,543	100.0	0.92	0	0		
12	24	8,060	363,000	3	0	110.3	6,671	108.4	0.92	0	0		

Operations Summary						Activity Last 24 hours
From	To	HRS	Ph	Op		
06:00	06:40	0.67	COMP	SM		Held JSA/operations meeting for Stage 9 WL
06:40	07:01	0.35	COMP	WLRU		Stg 9 WL. MU 5 1/2" (4.43 OD) 10K Poseidon CFP & 5 (5 spf) WL guns. RU lubricator & test on chart to 8,000 psi. Bled to WHP 2600 psi & OW.
07:01	07:30	0.48	COMP	WLRIH		RIH w/ WL & correlate to XO. @ 6,466' WLM.
07:30	07:55	0.42	COMP	WLPD		Pump dn plug & guns to 12,230' WLM. PU & set plug @ 12,219' WLM. PU perf Stg 9.
07:55	08:15	0.33	COMP	WLPOOH		POOH w/ gun assembly.
08:15	08:25	0.17	COMP	WLRD		RD WL & confirm plug set & all shots fired. Drop 2.00" OD ball & pump past WH w/ 3 bbls of 4% KCL wtr.
08:25	08:45	0.33	COMP	FPT		Stg 9 frac Apex - Sarah Eakin/Ty Graham. Test lines to 9,306 psi. Pop off #1 - 8,782 / 250 / 1700. Pop off #2 - 8,791 / 300 / 1500. BS-1800. All transducers within 3% range.
08:45	10:35	1.83	COMP	FP		OW= 2404 psi. Pumped stage 9 frac per design.
10:35	10:50	0.25	COMP	SM		Held JSA for stage 10 WL
10:50	11:07	0.28	COMP	WLRU		Stg 10 WL. MU 5 1/2" (4.43 OD) 10K Poseidon CFP & 5 (5 spf) WL guns. RU lubricator & test on chart to 8,000 psi. Bled to WHP 2600 psi & OW.
11:07	11:32	0.42	COMP	WLRIH		RIH w/ WL & correlate to XO. @ 6,466' WLM.
		24.02				

GENERAL COMMENTS :

Held JSA/operations meeting w/ Frac Tech, PWC, Vertex, Select, SPM Weir, Maxum Fuel, and Microseismic. Total = 51. Discussed acid hydraulic valve problem, nearest hospital, high pressure line of fire, clear communication, PPE, fuel shadowing, and safety hazards associated with each operation. Held JSA w/ Cased Hole Solution, SPC, Wolf, Poseidon, Swaco, PWC, and Frac Tech. Total=18. Discussed overhead loads, sheave proximity, live gun operation, PPE, test procedure for lubricator, high pressure lines, slips, trips, and falls.

From	To	HRS	Ph	Op	Activity Last 24 hours
11:32	11:45	0.22	COMP	WLPD	Pump dn plug & guns to 11,980' WLM. PU & set plug @ 11,967' WLM. PU perf Stg 10.
11:45	12:15	0.50	COMP	WLPOOH	POOH w/ gun assembly. Held JSA for stage 10 frac.
12:15	12:30	0.25	COMP	WLRD	RD WL & confirm plug set & all shots fired. Drop 2.00" OD ball & pump past WH w/ 3 bbls of 4% KCL wtr.
12:30	12:45	0.25	COMP	FPT	Stg 10 frac Apex - Sarah Eakin/Ty Graham. Test lines to 9,241 psi. Pop off #1 - 8,782 / 250 / 1700. Pop off #2 - 8,791 / 300 / 1500. BS-1800. All transducers within 3% range.
12:45	14:40	1.92	COMP	FP	OW= 2514 psi. Pumped stage 10 frac per design.
14:40	14:48	0.13	COMP	WLRU	Change out setting tool because it partially stroked when ground stand bumped tool during PU.
14:48	15:22	0.57	COMP	WLRU	Stg 11 WL. MU 5 1/2" (4.43 OD) 10K Poseidon CFP & 5 (5 spf) WL guns. RU lubricator & test on chart to 8,000 psi. Bled to WHP 2600 psi & OW.
15:22	15:46	0.40	COMP	WLRIH	RIH w/ WL & correlate to XO. @ 6,466' WLM.
15:46	16:10	0.40	COMP	WLPD	Pump dn plug & guns to 11,726' WLM. PU & set plug @ 11,716' WLM. PU perf Stg 11.
16:10	16:45	0.58	COMP	WLPOOH	POOH w/ gun assembly Held JSA for stage 11 frac
16:45	16:55	0.17	COMP	WLRD	RD WL & confirm plug set & all shots fired. Drop 2.00" OD ball & pump past WH w/ 3 bbls of 4% KCL wtr.
16:55	17:05	0.17	COMP	FPT	Stg 11 frac Apex - Sarah Eakin/Ty Graham. Test lines to 9,321 psi. Pop off #1 - 8,782 / 250 / 1700. Pop off #2 - 8,791 / 300 / 1500. BS-1800. All transducers within 3% range.
17:05	18:50	1.75	COMP	FP	OW= 2450 psi. Pumped stage 11 frac per design.
18:50	19:00	0.17	COMP	SM	Held JSA for stage 12 WL
19:00	19:30	0.50	COMP	WLRU	Stg 12 WL. MU 5 1/2" (4.43 OD) 10K Poseidon CFP & 5 (5 spf) WL guns. RU lubricator & test on chart to 8,000 psi. Bled to WHP 2600 psi & OW.
19:30	20:00	0.50	COMP	WLRIH	RIH w/ WL & correlate to XO. @ 6,466' WLM.
20:00	20:30	0.50	COMP	WLPD	Pump dn plug & guns to 11,485' WLM. PU & set plug @ 11,464' WLM. PU perf Stg 12.
20:30	21:00	0.50	COMP	WLPOOH	POOH w/ gun assembly Held JSA for stage 12 frac.
21:00	21:15	0.25	COMP	WLRD	RD WL & confirm plug set & all shots fired. Drop 2.00" OD ball & pump past WH w/ 3 bbls of 4% KCL wtr.
21:15	21:30	0.25	COMP	FPT	Stg 12 frac Apex - Sarah Eakin/Ty Graham. Test lines to 9,321 psi. Pop off #1 - 8,782 / 250 / 1700. Pop off #2 - 8,791 / 300 / 1500. BS-1800. All transducers within 3% range.
21:30	23:00	1.50	COMP	FP	OW= 2850 psi. Pumped stage 12 frac per design.
23:00	23:15	0.25	COMP	WLRU	Stg 13 WL. MU 5 1/2" (4.43 OD) 10K Poseidon CFP & 5 (5 spf) WL guns. RU lubricator & test on chart to 8,000 psi. Bled to WHP 2812 psi & OW.
23:15	23:54	0.65	COMP	WLRIH	RIH w/ WL & correlate to XO. @ 6,466' WLM.
23:54	00:15	0.35	COMP	WLPD	Pump dn plug & guns to 11,229' WLM. PU & set plug @ 11,208' WLM. PU perf Stg 13.
00:15	00:25	0.17	COMP	WLPOOH	POOH w/ gun assembly Held JSA for stage 13 frac.
00:25	01:00	0.58	COMP	WLRD	RD WL & confirm plug set & all shots fired. Drop 2.00" OD ball & pump past WH w/ 3 bbls of 4% KCL wtr.
01:00	01:15	0.25	COMP	FPT	Stg 13 frac Apex - Sarah Eakin/Ty Graham. Test lines to 9,351 psi. Pop off #1 - 8,782 / 250 / 1700. Pop off #2 - 8,791 / 300 / 1500. BS-1800. All transducers within 3% range.
01:15	03:10	1.92	COMP	FP	OW= 2515 psi. Pumped stage 13 frac per design.
03:10	03:25	0.25	COMP	WLRU	Stg 14 WL. MU 5 1/2" (4.43 OD) 10K Poseidon CFP & 5 (5 spf) WL guns. RU lubricator & test on chart to 8,000 psi. Bled to WHP 2675 psi & OW.
03:25	03:45	0.33	COMP	WLRIH	RIH w/ WL & correlate to XO. @ 6,466' WLM.
03:45	04:15	0.50	COMP	WLPD	Pump dn plug & guns to 10,975' WLM. PU & set plug @ 10,962' WLM. PU perf Stg 14.
04:15	04:45	0.50	COMP	WLPOOH	POOH w/ gun assembly Held JSA for stage 14 frac.
04:45	04:55	0.17	COMP	WLRD	RD WL & confirm plug set & all shots fired. Drop 2.00" OD ball & pump past WH w/ 3 bbls of 4% KCL wtr.
04:55	05:05	0.17	COMP	FPT	Stg 14 frac Apex - Sarah Eakin/Ty Graham. Test lines to 9,351 psi. Pop off #1 - 8,782 / 250 / 1700. Pop off #2 - 8,791 / 300 / 1500. BS-1800. All transducers within 3% range.
05:05	06:00	0.92	COMP	FP	OW= 2525 psi. Pumped stage 14 frac per design.
		24.02			



DAILY COMPLETION AND WORKOVER REPORT

UNIVERSITY 12-17 1H

DATE : 05/05/2012

EVENT #

Well:	UNIVERSITY 12-17 1H	Report by:	RON URMY	AFE C Total:	\$4,618,900
API #:	4238337579	Report #:	13	Daily Cost:	\$698,069
REGION:	MID-CON REGION	AFE#:	110DC114542	Cum DRLG:	\$5,721,075
FIELD:	SOUTH MIDLAND	AFE Total:	\$9,639,700	Comp/WO (Event 2 or 4):	\$3,897,775
State:	TEXAS	WI%:	100.000	Cum Fac Const (Event 3):	
County/Parish:	REAGAN	% AFE Spent:	100.30%	Cum Total Spent:	\$9,668,337

24 Hrs SUMMARY:	Held JSA's/ operations meetings. Frac stages 19-25. W/L stages 20-26.		
Current Activity:	Pumping frac stage 26 per design.		
Forecast:	Hold JSA's/ operations meetings. Frac stages 26-27. W/L stages 27.		
Accident/Spill(Y/N):	N	Description:	

Casing Data												
Section	Size (in)	Depth (ft)	Weight (lbs/ft)	Grade	Conn	ID (in)	Drift	Burst (psi)	Collapse	Tension	TOC (ft)	Comments
Surface	13.375	983	54.500	J-55	BTC	12.615	12.460	2,730	1,130	853,000	0	
Other Production	5.500	6,485 14,260	17.000	P-110	LTC	4.892		0	0	0	0	

Wellbore Detail		Wellhead Detail		BHA Summary				
Horizontal/Vertical:	HORIZONTAL	A Sec:	13 3/8" SOW x 13 5/8" 5M	BHA # 26				
KB (ft):	2805.92	B Sec:	13 5/8" 5M x 11" 5M	Qty	Description	O.D. (in)	I.D. (in)	Length (ft)
GL (ft):	2777.92	C Sec:	11" 5M x 7 1/16" 10M					
KB-GL (ft):	28.00	Valve Detail Bottom to Top:		1	Cable head	1.440		1.00
KOP (ft):	6,700			1	CCL Perforator	2.750		1.71
Build Section:	Main			1	Fishing Neck	3.130		0.92
Deviation:	1.18			5	Perforating Guns	3.375		18.00
TVD @ TD (ft):	6,700			1	Poseidon 10k ST & plg	4.430		10.00
Average TVD (ft):	6,700				Total			29.63
Bottom Hole Loc:	50' FNL & 2310' FEL SEC 8							
PBTD (ft):	6,700							

Perforation Summary										Plug Detail			
Stage #	Date	Top (ft)	Bottom (ft)	# Perf	SPF	Perf Size (in)	Phasing	Clusters	Cluster Spc (ft)	Depth (ft)	OD (in)	Rating (psi)	Type
20	05/05/2012	9,225	9,428	44	4.40	0.42	60	5	50.75	9,445	4.4	10,000	
21	05/05/2012	8,974	9,177	44	4.40	0.42	60	5	50.75	9,210	4.4	10,000	
22	05/05/2012	8,722	8,925	44	4.40	0.42	60	5	50.75	8,956	4.4	10,000	
23	05/05/2012	8,471	8,674	44	4.40	0.42	60	5	50.75	8,699	4.4	10,000	
24	05/05/2012	8,219	8,422	44	4.40	0.42	60	5	50.75	8,447	4.4	7	
25	05/05/2012	7,968	8,171	44	4.40	0.42	60	5	50.75	8,196	4.4	7	
26	05/05/2012	7,716	7,920	44	4.40	0.42	60	5	51.00	7,945	4.4	7	

Stimulation Data													
Stage	Acid Vol (bbl)	Fluid Volume (bbl)	Prop Total (lbs)	Max Prop Conc (lb/gal)	Max Pressure (psi)	Max Rate (bpm)	Average Pressure (psi)	Average Rate (bpm)	Frac Gradient (psi/ft)	ISIP (psi)	5 min (psi)	Comments	
18-B	0	7,104	296,000	3	0	110.3	6,986	107.4	1.02	0	0		
19	0	7,310	309,632	3	0	103.1	6,535	97.6	1.01	0	0		
20	0	8,107	321,738	3	0	101.8	6,698	97.3	0.96	0	0		
21	0	7,439	296,436	3	0	99.9	5,884	99.2	0.93	0	0		
22	0	9,070	301,000	3	0	101.0	5,984	99.7	0.94	0	0		
23	0	6,976	287,000	3	0	101.4	5,683	98.1	0.92	0	0		

Operations Summary						Activity Last 24 hours
From	To	HRS	Ph	Op		
06:00	06:45	0.75	COMP	FP		Finish pumping stage 19 per design. ISIP 4284 psi.
06:45	07:15	0.50	COMP	SM		JSA meeting with all on location.
07:15	07:40	0.42	COMP	WLRU		Stg 20 WL. MU 5 1/2" (4.43 OD) 10K Poseidon CFP & 5 (5 spf) WL guns. RU lubricator & test on chart to 8,000 psi w/ Wolf test pump. Bled to WHP 3000 psi & OW.
07:40	07:56	0.27	COMP	WLRH		RIH w/ WL & correlate to XO. @ 6,466' WLM.
07:56	08:15	0.32	COMP	WLPD		Pump dn plug & guns to 9,460' WLM. PU & set plug @ 9,445' WLM. PU perf Stg 20.
08:15	08:40	0.42	COMP	WLPOOH		POOH w/WL assembly
08:40	08:50	0.17	COMP	WLRD		RD WL & confirm plug set & all shots fired. Drop 2.00" OD ball & pump past WH w/ 3 bbls of 4% KCL wtr.
08:50	08:55	0.08	COMP	FPT		Stg 20 frac Apex - Sarah Eakin/Ty Graham. Test lines to 9,487 psi. Pop off #1 - 8,721 / 260 / 1800. Pop off #2 - 8,768 / 280 / 1400. BS-1800. All transducers within 3% range.
08:55	10:55	2.00	COMP	FP		OW= 2065 psi. Pumped stage 20 frac per design. Applied 1,000 psi to intermediate, surface=0 psi. TGSM/TBT with SPC, CHS and Poseidon.
10:55	11:17	0.37	COMP	WLRU		Stg 21 WL. MU 5 1/2" (4.43 OD) 10K Poseidon CFP & 5 (5 spf) WL guns. RU lubricator & test on chart to 4,000 psi w/ Wolf test pump. Bled to WHP 3000 psi & OW.
		24.03				

GENERAL COMMENTS :

06:45-07:15 JSA meeting with: Frac Tech, SPC, CHS, Vertex, Wolf, Microseismic, Protechnic, Poseidon, MI and P&W, re: Wireline pump down and next frac stage- Discussed, PPE, forklift and manlift inspection, equipment inspections. 49 in attendance.

From	To	HRS	Ph	Op	Activity Last 24 hours
11:17	11:31	0.23	COMP	WLRIH	RIH w/ WL & correlate to XO. @ 6,466' WLM.
11:31	11:45	0.23	COMP	WLPD	Pump dn plug & guns to 9,230' WLM. PU & set plug @ 9210' WLM. PU perf Stg 21.
11:45	12:10	0.42	COMP	WLPOOH	POOH w/WL assembly. TGSM/TBT with Frac Tech.
12:10	12:35	0.42	COMP	WLRD	RD WL & confirm plug set & all shots fired. Drop 2.00" OD ball & pump past WH w/ 3 bbls of 4% KCL wtr. Replaced leaking ground valve prior to pumping down ball.
12:35	12:45	0.17	COMP	FPT	Stg 21 frac Apex - Sarah Eakin/Ty Graham. Test lines to 9,292 psi. Pop off #1 - 8,721 / 260 / 1800. Pop off #2 - 8,768 / 280 / 1400. BS-1800. All transducers within 3% range.
12:45	14:35	1.83	COMP	FP	OW= 2725 psi. Pumped stage 21 frac per design. Applied 1,000 psi to intermediate, surface=0 psi. TGSM with WL during 15 min bleed-off.
14:35	14:43	0.13	COMP	WLRU	Stg 22 WL. MU 5 1/2" (4.43 OD) 10K Poseidon CFP & 5 (5 spf) WL guns. RU lubricator & test on chart to 4,000 psi w/ Wolf test pump. Bled to WHP 3000 psi & OW.
14:43	15:08	0.42	COMP	WLRIH	RIH w/ WL & correlate to XO. @ 6,466' WLM.
15:08	15:20	0.20	COMP	WLPD	Pump dn plug & guns to 98970' WLM. PU & set plug @ 8956' WLM. PU perf Stg 22.
15:20	15:43	0.38	COMP	WLPOOH	POOH w/WL assembly, Hold TGSM with Frac Tech.
15:43	15:50	0.12	COMP	WLRD	RD WL & confirm plug set & all shots fired. Drop 2.00" OD ball & pump past WH w/ 3 bbls of 4% KCL wtr.
15:50	15:57	0.12	COMP	FPT	Stg 22 frac Apex - Sarah Eakin/Ty Graham. Test lines to 9,276 psi. Pop off #1 - 8,721 / 260 / 1800. Pop off #2 - 8,768 / 280 / 1400. BS-1800. All transducers within 3% range.
15:57	18:15	2.30	COMP	FP	OW= 2687 psi. Pumped stage 22 frac per design. Applied 1,000 psi to intermediate, surface=0 psi. TGSM with WL during 15 min bleed down.
18:15	18:30	0.25	COMP	WLRU	Stg 23 WL. MU 5 1/2" (4.43 OD) 10K Poseidon CFP & 5 (5 spf) WL guns. RU lubricator & test on chart to 4,000 psi w/ Wolf test pump. Bled to WHP 3000 psi & OW.
18:30	18:45	0.25	COMP	WLRIH	RIH w/ WL & correlate to XO. @ 6,466' WLM.
18:45	18:55	0.17	COMP	WLPD	Pump dn plug & guns to 8713' WLM. PU & set plug @ 8699' WLM. PU perf Stg 23.
18:55	19:07	0.20	COMP	WLPOOH	POOH w/WL assembly, Hold TGSM with Frac Tech.
19:07	19:30	0.38	COMP	WLRD	RD WL & confirm plug set & all shots fired. Drop 2.00" OD ball & pump past WH w/ 3 bbls of 4% KCL wtr.
19:30	19:45	0.25	COMP	FPT	Stg 23 frac Apex - Sarah Eakin/Ty Graham. Test lines to 9,200 psi. Pop off #1 - 8,721 / 260 / 1800. Pop off #2 - 8,768 / 280 / 1400. BS-1800. All transducers within 3% range.
19:45	21:35	1.83	COMP	FP	OW= 2654 psi. Pumped stage 23 frac per design. Applied 1,000 psi to intermediate, surface=0 psi. TGSM with WL during 15 min bleed down.
21:35	21:45	0.17	COMP	WLRU	Stg 24 WL. MU 5 1/2" (4.43 OD) 10K Poseidon CFP & 5 (5 spf) WL guns. RU lubricator & test on chart to 4,000 psi w/ Wolf test pump. Bled to WHP 3000 psi & OW.
21:45	22:10	0.42	COMP	WLRIH	RIH w/ WL & correlate to XO. @ 6,466' WLM.
22:10	22:25	0.25	COMP	WLPD	Pump dn plug & guns to 8457' WLM. PU & set plug @ 8447' WLM. PU perf Stg 24.
22:25	22:35	0.17	COMP	WLPOOH	POOH w/WL assembly, Hold TGSM with Frac Tech.
22:35	22:50	0.25	COMP	WLRD	RD WL & confirm plug set & all shots fired. Drop 2.00" OD ball & pump past WH w/ 3 bbls of 4% KCL wtr.
22:50	23:05	0.25	COMP	FPT	Stg 24 frac Apex - Sarah Eakin/Ty Graham. Test lines to 9,200 psi. Pop off #1 - 8,721 / 260 / 1800. Pop off #2 - 8,768 / 280 / 1400. BS-1800. All transducers within 3% range.
23:05	23:30	0.42	COMP	FP	OW= 2521 psi. Pumped stage 24 frac per design. Applied 1,000 psi to intermediate, surface=0 psi. TGSM with WL during 15 min bleed down.
23:30	23:36	0.10	COMP	OT	Repair hydraulic leak on Fractech hydration unit
23:36	01:10	1.57	COMP	WLRU	Stg 25 WL. MU 5 1/2" (4.43 OD) 10K Poseidon CFP & 5 (5 spf) WL guns. RU lubricator & test on chart to 4,000 psi w/ Wolf test pump. Bled to WHP 3000 psi & OW.
01:10	01:33	0.38	COMP	WLRIH	RIH w/ WL & correlate to XO. @ 6,466' WLM.
01:33	01:47	0.23	COMP	WLPD	Pump dn plug & guns to 8168' WLM. PU & set plug @ 8169' WLM. PU perf Stg 25.
01:47	02:05	0.30	COMP	WLPOOH	POOH w/WL assembly, Hold TGSM with Frac Tech.
02:05	02:20	0.25	COMP	WLRD	RD WL & confirm plug set & all shots fired. Drop 2.00" OD ball & pump past WH w/ 3 bbls of 4% KCL wtr.
02:20	02:25	0.08	COMP	FPT	OW= 2654 psi. Pumped stage 25 frac per design. Applied 1,000 psi to intermediate, surface=0 psi. TGSM with WL during 15 min bleed down.
02:25	04:20	1.92	COMP	FP	Stg 25 frac Apex - Sarah Eakin/Ty Graham. Test lines to 9,200 psi. Pop off #1 - 8,721 / 260 / 1800. Pop off #2 - 8,768 / 280 / 1400. BS-1800. All transducers within 3% range.
04:20	04:35	0.25	COMP	WLRU	Stg 26 WL. MU 5 1/2" (4.43 OD) 10K Poseidon CFP & 5 (5 spf) WL guns. RU lubricator & test on chart to 4,000 psi w/ Wolf test pump. Bled to WHP 3000 psi & OW.
04:35	04:56	0.35	COMP	WLRIH	RIH w/ WL & correlate to XO. @ 6,466' WLM.
04:56	05:09	0.22	COMP	WLPD	Pump dn plug & guns to 7955' WLM. PU & set plug @ 7945' WLM. PU perf Stg 25.
05:09	05:25	0.27	COMP	WLPOOH	POOH w/WL assembly, Hold TGSM with Frac Tech.
05:25	05:45	0.33	COMP	WLRD	RD WL & confirm plug set & all shots fired. Drop 2.00" OD ball & pump past WH w/ 3 bbls of 4% KCL wtr.
05:45	05:50	0.08	COMP	FPT	Stg 26 frac Apex - Sarah Eakin/Ty Graham. Test lines to 9,210 psi. Pop off #1 - 8,721 / 260 / 1800. Pop off #2 - 8,768 / 280 / 1400. BS-1800. All transducers within 3% range.
05:50	06:00	0.17	COMP	FP	OW= 2450 psi. Pumping stage 26 frac per design. Applied 1,000 psi to intermediate, surface=0 psi. TGSM with WL during 15 min bleed down.
		24.03			



DAILY COMPLETION AND WORKOVER REPORT

UNIVERSITY 12-17 1H

DATE : 05/07/2012

EVENT #

Well:	UNIVERSITY 12-17 1H	Report by:	RON URMY	AFE C Total:	\$4,618,900
API #:	4238337579	Report #:	15	Daily Cost:	\$94,530
REGION:	MID-CON REGION	AFE#:	110DC114542	Cum DRLG:	\$5,722,741
FIELD:	SOUTH MIDLAND	AFE Total:	\$9,639,700	Comp/WO (Event 2 or 4):	\$4,459,319
State:	TEXAS	WI%:	100.000	Cum Fac Const (Event 3):	
County/Parish:	REAGAN	% AFE Spent:	106.26%	Cum Total Spent:	\$10,242,971

24 Hrs SUMMARY:	Rig up flowback equipment and coil tubing unit. Anchor lines. Test lines and lubricator, run in with coil and drill out plugs 1-10		
Current Activity:	Short Tripping to 6,920' to clean the curve.		
Forecast:	Hold JSA/Operatios Safety Meeting. Drill plugs 11-26.		
Accident/Spill(Y/N):	N	Description:	

Casing Data												
Section	Size (in)	Depth (ft)	Weight (lbs/ft)	Grade	Conn	ID (in)	Drift	Burst (psi)	Collapse	Tension	TOC (ft)	Comments
Surface	13.375	983	54.500	J-55	BTC	12.615	12.460	2,730	1,130	853,000	0	
Other Production	5.500	6,485 14,260	17.000	P-110	LTC	4.892		0	0	0	0	

Wellbore Detail		Wellhead Detail		BHA Summary					
Horizontal/Vertical:	HORIZONTAL	A Sec:	13 3/8" SOW x 13 5/8" 5M	BHA # DO					
KB (ft):	2805.92	B Sec:	13 5/8" 5M x 11" 5M	Qty	Description	O.D. (in)	I.D. (in)	Length (ft)	
GL (ft):	2777.92	C Sec:	11" 5M x 7 1/16" 10M						
KB-GL (ft):	28.00	Valve Detail Bottom to Top:		1	1. Coil connector	2.875	1.375	0.90	
KOP (ft):	6,700			1	2. DBPV	2.875	1.000	1.20	
Build Section:	Main			1	3. Jar	2.875	1.000	4.39	
Deviation:	1.18			1	4. Hyd disc	2.875	0.688	2.12	
TVD @ TD (ft):	6,700			1	5. Dual circ sub	2.875	0.000	1.33	
Average TVD (ft):	6,700			1	6. NOV agitator	2.875	0.000	4.91	
Bottom Hole Loc:	50' FNL & 2310' FEL SEC 8			1	7. Motor -3 bpm	2.875	0.000	11.18	
PBTD (ft):	6,700			1	8. XO	4.250	0.000	1.13	
				1	9. Tricone bit	4.625	0.000	5.00	
						Total length			27.66

Perforation Summary										Plug Detail			
Stage #	Date	Top (ft)	Bottom (ft)	# Perf	SPF	Perf Size (in)	Phasing	Clusters	Cluster Spc (ft)	Depth (ft)	OD (in)	Rating (psi)	Type
DO	05/07/2012	0	0	0						0		0	

Stimulation Data													
Stage	Acid Vol (bbl)	Fluid Volume (bbl)	Prop Total (lbs)	Max Prop Conc (lb/gal)	Max Pressure (psi)	Max Rate (bpm)	Average Pressure (psi)	Average Rate (bpm)	Frac Gradient (psi/ft)	ISIP (psi)	5 min (psi)	Comments	

Operations Summary					
From	To	HRS	Ph	Op	Activity Last 24 hours
06:00	08:00	2.00	COMP	SERU	Finish rigging up flowback equipment.
08:00	08:45	0.75	COMP	SM	JSA meeting with all on location
08:45	14:15	5.50	COMP	CTRU	Target cleaned location, RU CTU, install coil conn. stab lubricator and circulate thru flow cross to flowback equip to tanks. Unable to open one inside mech wing valve. Shut in flowback equip behind manifold.
14:15	15:45	1.50	COMP	TE	Pressure to 2,000 psi and open inside wing. Found gasket leak and repaired. Test pipe rams to 8,000 psi for 15 min- good. bleed down to 0 psi.
15:45	16:20	0.58	COMP	CTRU	Break off lube and install Spartan 2 7/8" OD tool string: coil connector,
16:20	16:50	0.50	COMP	TE	Test lube and lines to 8,000 psi.
16:50	17:25	0.58	COMP	CTRIH	Install 4 near WH anchors. Equalize to WH 1950 psi, OW. RIH
17:25	18:17	0.87	COMP	CTRIH	Weight check @ 3,500'. CP-2,350 psi. WHP-2,200 psi. 2 bpm. PUW-8.5k. RIW-2.5. Raise pump rate.
18:17	18:36	0.32	COMP	CTRIH	Weight check @ 6,500'. CP-2,600 psi. WHP-2,200 psi. 2.5 bpm. PUW-16k. RIW-10.5. Raise pump rate.
18:36	18:49	0.22	COMP	CTD	Tag plug #01 @ 7,671'. CP-4,000 psi. WHP-2,200 psi. 2.5 bpm. PUW-16k. RIW-11.5. WOB-2.5k. Stalls-1
		24.03			

GENERAL COMMENTS :

08:00-08:45 JSA meeting with: Spartan, CTS, P&W, Target, Supreme and MI Swaco re: ERP, Muster pts, PPE and job scope. 14 in attendance

From	To	HRS	Ph	Op	Activity Last 24 hours
18:49	19:23	0.57	COMP	CTRIH	Plug #01 drilled in 13 min. RIH. CP-4,100 psi. WHP-2,050 psi. 2.5 bpm. PUW-16k. RIW-12k. No sand between perfs. Pump 5 bbl. sweep.
19:23	19:38	0.25	COMP	CTD	Tag plug #02 @ 7,928'. CP-4,000 psi. WHP-2,200 psi. 2.5 bpm. PUW-16k. RIW-11.5. WOB-2.5k. Stalls-3.
19:38	20:10	0.53	COMP	CTRIH	Plug #02 drilled in 16 min. RIH. CP-4,100 psi. WHP-2,100 psi. 2.5 bpm. PUW-18k. RIW-12k. No Sand between perfs. Pump 5 bbl. sweep.
20:10	20:18	0.13	COMP	CTD	Tag plug #03 @ 8,177'. CP-4,000 psi. WHP-2,100 psi. 2.5 bpm. PUW-19k. RIW-11k. WOB-1.5k. Stalls-1.
20:18	20:37	0.32	COMP	CTRIH	Plug #03 drilled in 21 min. RIH. CP-4,100 psi. WHP-2,100 psi. 2.5 bpm. PUW-19k. RIW-12k. No Sand between perfs. Pump 5 bbl. sweep.
20:37	21:11	0.57	COMP	CTD	Tag plug #04 @ 8,429. CP-4,000 psi. WHP-2,100 psi. 2.5 bpm. PUW-19k. RIW-11k. WOB-2k. Stalls-4.
21:11	21:54	0.72	COMP	CTRIH	Plug #04 drilled in 53 min. RIH. CP-4,100 psi. WHP-2,100 psi. 2.5 bpm. PUW-19k. RIW-12k. No Sand between perfs. Pump 5 bbl. sweep.
21:54	22:13	0.32	COMP	CTD	Tag plug #05 @ 8,682'. CP-4,000 psi. WHP-2,000 psi. 2.5 bpm. PUW-19k. RIW-10k. WOB-2k. Stalls-0.
22:13	22:26	0.22	COMP	CTRIH	Plug #05 drilled in 13 min. RIH. CP-4,100 psi. WHP-2,100 psi. 2.5 bpm. PUW-19k. RIW-12k. No Sand between perfs. Pump 5 bbl. sweep.
22:26	23:14	0.80	COMP	CTD	Tag plug #06 @ 8,936'. CP-4,200 psi. WHP-1,900 psi. 2.5 bpm. PUW-19k. RIW-9k. WOB-2.5k. Stalls-3.
23:14	23:46	0.53	COMP	CTRIH	Plug #06 drilled in 32 min. RIH. CP-4,000 psi. WHP-1,900 psi. 2.5 bpm. PUW-19k. RIW-9k. No Sand between perfs. Pump 5 bbl. sweep.
23:46	00:03	0.28	COMP	CTD	Tag plug #07 @ 9,191'. CP-4,000 psi. WHP-1,900 psi. 2.5 bpm. PUW-19k. RIW-9k. WOB-2.5k. Stalls-2.
00:03	00:15	0.20	COMP	CTRIH	Plug #07 drilled in 15 min. RIH. CP-4,000 psi. WHP-1,900 psi. 2.5 bpm. PUW-19k. RIW-9k. No Sand between perfs. Pump 5 bbl. sweep.
00:15	00:55	0.67	COMP	CTD	Tag plug #08 @ 9,426'. CP-4,000 psi. WHP-1,900 psi. 2.5 bpm. PUW-19k. RIW-9k. WOB-2.5k. Stalls-0.
00:55	01:08	0.22	COMP	CTRIH	Plug #08 drilled in 13 min. RIH. CP-4,000 psi. WHP-1,900 psi. 2.5 bpm. PUW-19k. RIW-9k. No Sand between perfs. Pump 5 bbl. sweep.
01:08	02:00	0.87	COMP	CTD	Tag plug #09 @ 9,687'. CP-4,000 psi. WHP-1,900 psi. 2.5 bpm. PUW-19k. RIW-8k. WOB-2.5k. Stalls-1.
02:00	02:15	0.25	COMP	CTRIH	Plug #09 drilled in 15 min. RIH. CP-4,000 psi. WHP-1,900 psi. 2.5 bpm. PUW-19k. RIW-8k. No Sand between perfs. Pump 5 bbl. sweep.
02:15	03:04	0.82	COMP	CTD	Tag plug #10 @ 9,945'. CP-4,000 psi. WHP-1,900 psi. 2.5 bpm. PUW-19k. RIW-8k. WOB-2.5k. Stalls-1.
03:04	03:41	0.62	COMP	CTRIH	Plug #10 drilled in 37 min. RIH. CP-4,000 psi. WHP-1,900 psi. 2.5 bpm. PUW-19k. RIW-8k. No Sand between perfs. Pump 5 bbl. sweep.
03:41	04:09	0.47	COMP	CTST	Tag plug #11 @ 10,197'. CP-4,000 psi. WHP-1,900 psi. 2.5 bpm. PUW-21k. RIW-8k. ST to 6,922' @ 35 fpm.
04:09	05:12	1.05	COMP	CTRIH	Pulled 3k over and stalled @ 8,444'. Killed pump went to 0k brought pump on @ 3 bbls RIH 200'.
05:12	06:00	0.80	COMP	CTD	POOH slowly 8400' CP 4500 psi. WHP 1488. 2.5 BPM. 350 scf. Sweeping curve slowly.
		24.03			



DAILY COMPLETION AND WORKOVER REPORT

UNIVERSITY 12-17 1H

DATE : 05/08/2012

EVENT #

Well:	UNIVERSITY 12-17 1H	Report by:	RON URMY	AFE C Total:	\$4,618,900
API #:	4238337579	Report #:	16	Daily Cost:	\$92,655
REGION:	MID-CON REGION	AFE#:	110DC114542	Cum DRLG:	\$5,722,741
FIELD:	SOUTH MIDLAND	AFE Total:	\$9,639,700	Comp/WO (Event 2 or 4):	\$4,551,974
State:	TEXAS	WI%:	100.000	Cum Fac Const (Event 3):	
County/Parish:	REAGAN	% AFE Spent:	107.22%	Cum Total Spent:	\$10,335,626

24 Hrs SUMMARY:	Drill out plugs #11-19, short trip to vertical				
Current Activity:	RIH to Drill CFP # 20.				
Forecast:	Hold JSA/SM. Complete drilling out #20-26 CFPs Make gamma spectra log run with 2"CT,				
Accident/Spill(Y/N):	N	Description:			

Casing Data												
Section	Size (in)	Depth (ft)	Weight (lbs/ft)	Grade	Conn	ID (in)	Drift	Burst (psi)	Collapse	Tension	TOC (ft)	Comments
Surface	13.375	983	54.500	J-55	BTC	12.615	12.460	2,730	1,130	853,000	0	
Other Production	5.500	6,485 14,260	17.000	P-110	LTC	4.892		0	0	0	0	

Wellbore Detail		Wellhead Detail		BHA Summary				
Horizontal/Vertical:	HORIZONTAL	A Sec:	13 3/8" SOW x 13 5/8" 5M	BHA # CT DO 2nd Run				
KB (ft):	2805.92	B Sec:	13 5/8" 5M x 11" 5M	Qty	Description	O.D. (in)	I.D. (in)	Length (ft)
GL (ft):	2777.92	C Sec:	11" 5M x 7 1/16" 10M					
KB-GL (ft):	28.00	Valve Detail Bottom to Top:		1	Coil Connector	2.875	1.375	0.90
KOP (ft):	6,700		1	Dual Flapper CV	2.875	1.000	1.20	
Build Section:	Main		1	Jar	2.875	1.000	4.39	
Deviation:	1.18		1	Hyd. Disconnect	2.875	0.688	2.12	
TVD @ TD (ft):	6,700		1	Dual Circ. Sub	2.875	0.563	1.33	
Average TVD (ft):	6,700		1	NOV Agitator	2.875		4.91	
Bottom Hole Loc:	50' FNL & 2310' FEL SEC 8		1	Motor	2.875		11.18	
PBTD (ft):	6,700		1	X-Over	4.250	1.310	1.13	
				1	Rock Bit	4.625		0.50

Perforation Summary										Plug Detail			
Stage #	Date	Top (ft)	Bottom (ft)	# Perf	SPF	Perf Size (in)	Phasing	Clusters	Cluster Spc (ft)	Depth (ft)	OD (in)	Rating (psi)	Type
CT DO 2nd Run	05/08/2012	0	0	0		0.00	0			0	0.0	0	

Stimulation Data												
Stage	Acid Vol (bbl)	Fluid Volume (bbl)	Prop Total (lbs)	Max Prop Conc (lb/gal)	Max Pressure (psi)	Max Rate (bpm)	Average Pressure (psi)	Average Rate (bpm)	Frac Gradient (psi/ft)	ISIP (psi)	5 min (psi)	Comments

Operations Summary					
From	To	HRS	Ph	Op	Activity Last 24 hours
06:00	06:20	0.33	COMP	SM	JSA meeting with tour change crews. Continue to come up thru curve.
06:20	10:15	3.92	COMP	CTST	Continue up thru curve to vertical. Timed 2 5 bbl sweeps to exit coil in vertical. Let sweeps clear at 3 BPM 4700 circ/2000 wh. Brought up heavy sand and debris. RIH to next plug, rate 3 BPM/ bbl in/ bbl out.
10:15	10:27	0.20	COMP	CTD	Tag plug # 11 @ 10,199 CTM (10207 WLM), WOB 500# over run in. DO in 12 min. circ 4900 psi/ wh 2,000 psi. @ 3 BPM, pump 5 bbl sweep. CIH
10:27	11:23	0.93	COMP	CTRIH	RIH 3 BPM, started pipe on pipe due to frction, sand and plug parts- stalled 1 time, picked up 100' once. 4800 circ/2000. 56 min between plugs
11:23	11:31	0.13	COMP	CTD	Tag plug #12 @ 10,447 CTM (10,459') WLM, WOB 1,000#, DO in 8 min. Pump 5 bbl sweep. 3 BPM, 4900 psi circ/1800 psi wh.
11:31	12:09	0.63	COMP	CTRIH	RIH 3 BPM, pipe on pipe @ 1 gal/1,000, circ 5000/wh 1800 psi CIH.
12:09	12:19	0.17	COMP	CTD	Tag plug #13 @ 10,690 CTM (10,710' WLM) WOB 1,000#, DO in 10 min, pump 5 bbl sweep. 3 BPM 4800 psi circ/1800 psi wh. CIH
12:19	13:00	0.68	COMP	CTRIH	RIH 3 BPM, pipe on pipe @ 1 gal/1,000, circ 4800/wh 1800 psi CIH.
13:00	13:10	0.17	COMP	CTD	Tag plug # 14 @ 10,942' CTM (10,962' CTM). WOB 1500#, DO in 14 min. 3 BPM, 4800 psi circ/ 1800 psi wh. CIH
		23.99			

GENERAL COMMENTS :

06:00-06:30 JSA meeting with oncoming personnel re: hydration, job scope, with update on nights activities. 13 in attendance- P&W, SLB and Superior.18:30-19:00 JSA and SM with nighttime personnel on CT operation and cfp drill out.

From	To	HRS	Ph	Op	Activity Last 24 hours
13:10	13:49	0.65	COMP	CTRIH	RIH 3 BPM, pipe on pipe @ 1 gal/1,000, circ 4800/wh 1800 psi CIH.
13:49	14:02	0.22	COMP	CTD	Tag plug #15 @ 11,199' CTM (11,208' WLM). WOB 1000#. DO in 13 min.. 3 BPm 4800 psi circ/ 1700 psi wh. CIH
14:02	14:53	0.85	COMP	CTRIH	RIH 3 BPM, increase pipe on pipe to 1.25 gal/1,000, circ 4800/wh 1650 psi CIH.
14:53	15:07	0.23	COMP	CTD	Tag plug #16 @ 11,456' CTM (11,464' WLM), WOB 1000#, DO in 14 min. Rate 3 BPM, circ 4800 psi/ wh 1650 psi, CIH
15:07	15:46	0.65	COMP	CTRIH	RIH 3 BPM, 1.25 gal/1,000 pipe on pipe, CIH Gauging returns to maintain rate thru adj choke. BBL in BBL out.
15:46	15:56	0.17	COMP	CTD	Tag plug #17 @ 11,707' CTM (11,716' WLM), WOB 1000#, DO in 14 min. Rate 3 BPM, circ 4800 psi/ wh 1650 psi, CIH
15:56	16:50	0.90	COMP	CTRIH	RIH, start N2 @ 300 scf with "foamer" @ .25 gal/1,000 gal, total rate 3.18 BPM bbl in bbl out CIH to 11,947' (40' off plug 18) adjust rate to 3.18 BBL eqv in and 3.5 bbl out, let N2 exit coil.
16:50	21:25	4.58	COMP	CTST	Start short trip OOH @ 23 fpm. 5200 psi circ/1700 psi wh 3.18 bbl in/ 3.5 bbl out. Cut pipe on pipe.
21:25	23:25	2.00	COMP	CTBHA	OOH. Bleed off. ND. Change BHA. Test Motor @ Surface 2 bpm. NU. Test CT Stack to 8k. OW. RIH. wh 1,650 psi.
23:25	00:10	0.75	COMP	CTRIH	Weight check @ 6,700' CTM. PU 25'. circ. 3,800 psi. wh 2,100 psi. Raise rate to 2 bpm. PUW 17k. RIH.
00:10	00:55	0.75	COMP	CTD	Tag plug #18 @ 11,960' CTM (11,967' WLM), WOB 1000#, DO in 14min. Rate 2.75 BPM, circ 3,300 psi/ wh 2019 psi, POP-.5 gal/1000 CIH
00:55	02:30	1.58	COMP	CTRIH	Plug #18 drilled in 35 min. RIH. CP-3,500 psi. WHP-1.,700 psi. 2.75 bpm. PUW-19k. RIW-9k. No Sand between perfs. Pump 5 bbl. sweep.
02:30	03:00	0.50	COMP	CTD	Tag plug #19 @ 12,209' CTM (12,219' WLM), WOB 2000#, DO in 47min. Rate 2.75 BPM, circ 3,300 psi/ wh 2019 psi, POP-.5 gal/1000. CIH
03:00	03:30	0.50	COMP	CTRIH	Plug #19 drilled in 47 min. RIH. CP-4,200 psi. WHP-1.,600 psi. 2.75 bpm. PUW-19k. RIW-5k. No Sand between perfs. Pump 5 bbl. sweep.
03:30	04:41	1.18	COMP	CTST	12,226' CTM. RIW -5,000. PU 200' then RIH. Experiencing heavy drag. Increased POP to 1 gal/1000. Opened choke from a 18 to a 20.
04:41	04:48	0.12	COMP	CTRIH	RIH. RIW 5,000. Circ. 4,000. WH 1,600. 3 bpm in/out. Locked up @ 12,282'. Making hole slowly. Changed POP to Beka Lube.
04:48	06:00	1.20	COMP	CTRIH	RIH @ 12,400'. Circ 4,200 psi. WH 1,650 psi. 3 bpm in/out. RIW -3,000. POP 1 gal/1000 of Beka Lube.
		23.99			



DAILY COMPLETION AND WORKOVER REPORT

UNIVERSITY 12-17 1H

DATE : 05/09/2012

EVENT #

Well:	UNIVERSITY 12-17 1H	Report by:	RON URMY	AFE C Total:	\$4,618,900
API #:	4238337579	Report #:	17	Daily Cost:	\$99,290
REGION:	MID-CON REGION	AFE#:	110DC114542	Cum DRLG:	\$5,722,741
FIELD:	SOUTH MIDLAND	AFE Total:	\$9,639,700	Comp/WO (Event 2 or 4):	\$4,651,264
State:	TEXAS	WI%:	100.000	Cum Fac Const (Event 3):	
County/Parish:	REAGAN	% AFE Spent:	108.25%	Cum Total Spent:	\$10,434,915

24 Hrs SUMMARY:	Complete drill out of CFP # 20, #21,				
Current Activity:	Changed BHA. RIH to drill out plug # 23-26.				
Forecast:	Complete plug drill out and make spectra gamma log.				
Accident/Spill(Y/N):	N	Description:			

Casing Data												
Section	Size (in)	Depth (ft)	Weight (lbs/ft)	Grade	Conn	ID (in)	Drift	Burst (psi)	Collapse	Tension	TOC (ft)	Comments
Surface	13.375	983	54.500	J-55	BTC	12.615	12.460	2,730	1,130	853,000	0	
Other Production	5.500	6,485 14,260	17.000	P-110	LTC	4.892		0	0	0	0	

Wellbore Detail		Wellhead Detail		BHA Summary				
Horizontal/Vertical:	HORIZONTAL	A Sec:	13 3/8" SOW x 13 5/8" 5M	BHA # CT DO 3				
KB (ft):	2805.92	B Sec:	13 5/8" 5M x 11" 5M	Qty	Description	O.D. (in)	I.D. (in)	Length (ft)
GL (ft):	2777.92	C Sec:	11" 5M x 7 1/16" 10M					
KB-GL (ft):	28.00	Valve Detail Bottom to Top:						
KOP (ft):	6,700							
Build Section:	Main							
Deviation:	1.18							
TVD @ TD (ft):	6,700							
Average TVD (ft):	6,700							
Bottom Hole Loc:	50' FNL & 2310' FEL SEC 8							
PBTD (ft):	6,700							
				1	Dual Flapper CV	2.875	1.000	1.21
				1	Jar	2.875	1.000	4.39
				1	Hyd. Disconnect	2.875	0.688	2.13
				1	Dual Circ. Sub	2.875	0.563	1.33
				1	NOV Agitator	2.875		5.87
				1	Motor 4.7 MM	2.875		11.40
				1	4.625' REV. Clutch	4.625		0.95
					Total			28.18

Perforation Summary										Plug Detail			
Stage #	Date	Top (ft)	Bottom (ft)	# Perf	SPF	Perf Size (in)	Phasing	Clusters	Cluster Spc (ft)	Depth (ft)	OD (in)	Rating (psi)	Type
CT DO	05/09/2012	0	0	0		0.00	0			0	0.0	0	
2nd Run													
CT DO 3	05/09/2012	0	0	0		0.00	0			0	0.0	0	

Stimulation Data													
Stage	Acid Vol (bbl)	Fluid Volume (bbl)	Prop Total (lbs)	Max Prop Conc (lb/gal)	Max Pressure (psi)	Max Rate (bpm)	Average Pressure (psi)	Average Rate (bpm)	Frac Gradient (psi/ft)	ISIP (psi)	5 min (psi)	Comments	

Operations Summary					
From	To	HRS	Ph	Op	Activity Last 24 hours
06:00	06:30	0.50	COMP	SM	JSA meeting with tour change crews. Continue to come up thru curve.
06:30	06:48	0.30	COMP	CTD	Tag plug #20 @ 12,468' CTM (12,470' WLM), WOB 2000, Rate 3 bpm in/ 3 bpm out, circ 4,300 psi/ wh 1,600 psi, POP-.5 gal/1000. CIH
06:48	07:14	0.43	COMP	CTRIH	Plug #20 drilled in 26 min. RIH. CP-4,700 psi. WHP-1,700 psi. 3 bpm. PUW-19k. RIW-5k. Sand between perfs. Pump 5 bbl. sweep.
07:14	08:17	1.05	COMP	CTST	Friction locked @ 12,486' CTM. Made numerous 200' PUs, sweeps and Beka Lube slugs, ST to 6,720'.
08:17	16:15	7.97	COMP	OT	Pulled heavy through curve with 1 stall. Produced heavy sand to surface
16:15	18:09	1.90	COMP	CTD	Tag plug #21 @ 12,468' CTM (12,470' WLM), WOB 5000, Rate 3 bpm in/ 3.5 bpm out, circ 4,300 psi/ wh 1,600 psi, POP-.5 gal/1000. CIH
18:09	18:22	0.22	COMP	CTRIH	Plug #21 drilled in 13 min. RIH. CP-4,500 psi. WHP-1,600 psi. 3 bpm. PUW-19k. RIW-5k. Sand between perfs. Pump 5 bbl. sweep.
18:22	19:20	0.97	COMP	OT	New pipe lubricant (EZE Slide) AOL and start pumping DH. 2 gal/1000 first 100bbls then 1 gal/1000.
19:20	20:02	0.70	COMP	CTST	PU 573' to 12,300' and RIH to 12,873' to get pipe coated with Beka Lube as it makes the curve. RIH
		24.01			

GENERAL COMMENTS :

06:00-06:30 JSA meeting with oncoming personnel re: hydration, job scope, with update on nights activities. 13 in attendance- P&W, SLB and Superior. 18:30-19:00 JSA and SM with nighttime personnel on CT operation and cfp drill out.

From	To	HRS	Ph	Op	Activity Last 24 hours
20:02	20:15	0.22	COMP	CTRIH	Tagged @ 12,873' on plug stump. Circ. 4,500 psi. WH 1,500 psi. 3 bbls in/ 3 bbls out. WOB 5000. Stalls-1.
20:15	20:59	0.73	COMP	CTD	Tag plug #22 @ 12,971' CTM (12,973' WLM), WOB 5000, Rate 3 bpm in/ 3.5 bpm out, circ 4,400 psi/ wh 1,500 psi, POP-.1 gal/1000. CIH. Stalls-1.
20:59	21:20	0.35	COMP	CTRIH	Plug #22 drilled in 21 min. RIH. CP-4,300 psi. WHP-1,500 psi. 3 bpm. PUW-19k. RIW-5k. Sand between perms. Pump 5 bbl. sweep.
21:20	00:26	3.10	COMP	CTPOOH	13,148' CTM. Circ. 4,000. WH. 1,400. PUW 23k. 3 bpm in/ 3.5 bpm out. Open choke to 24/64th. POOH. PU 30 fpm. to vertical and make BHA change.
00:26	04:15	3.82	COMP	CTBHA	OOH. SIW. Bleed off WHP of 1,500 psi. Change to 4.7 bpm motor and 4.625" reverse clutch mill. Replace NOV agitator with oscillator tool.
04:15	05:00	0.75	COMP	OT	NU. Test CT stack to 8k. Equalize to 1,700 psi. WHP. OW. RIH
05:00	06:00	1.00	COMP	CTRIH	3,154' CTM. RIW 2k. Circ. 1,700 psi. WH 1,700 psi .5 bpm in/out.
		24.01			



DAILY COMPLETION AND WORKOVER REPORT

UNIVERSITY 12-17 1H

DATE : 05/10/2012

EVENT #

Well:	UNIVERSITY 12-17 1H	Report by:	RON URMY	AFE C Total:	\$4,618,900
API #:	4238337579	Report #:	18	Daily Cost:	\$89,955
REGION:	MID-CON REGION	AFE#:	110DC114542	Cum DRLG:	\$5,722,741
FIELD:	SOUTH MIDLAND	AFE Total:	\$9,639,700	Comp/WO (Event 2 or 4):	\$4,749,019
State:	TEXAS	WI%:	100.000	Cum Fac Const (Event 3):	
County/Parish:	REAGAN	% AFE Spent:	109.26%	Cum Total Spent:	\$10,532,670

24 Hrs SUMMARY:	Drill plugs #23 and #24.				
Current Activity:	Well shut in. Location secure. Prepare for CT spectra gamma run at 2:00 p.m.				
Forecast:	Complete Spectra gamma log.				
Accident/Spill(Y/N):	N	Description:			

Casing Data												
Section	Size (in)	Depth (ft)	Weight (lbs/ft)	Grade	Conn	ID (in)	Drift	Burst (psi)	Collapse	Tension	TOC (ft)	Comments
Surface	13.375	983	54.500	J-55	BTC	12.615	12.460	2,730	1,130	853,000	0	
Other Production	5.500	6,485 14,260	17.000	P-110	LTC	4.892		0	0	0	0	

Wellbore Detail		Wellhead Detail		BHA Summary				
Horizontal/Vertical:	HORIZONTAL	A Sec:	13 3/8" SOW x 13 5/8" 5M	BHA # CT DO 04				
KB (ft):	2805.92	B Sec:	13 5/8" 5M x 11" 5M	Qty	Description	O.D. (in)	I.D. (in)	Length (ft)
GL (ft):	2777.92	C Sec:	11" 5M x 7 1/16" 10M					
KB-GL (ft):	28.00	Valve Detail Bottom to Top:						
KOP (ft):	6,700							
Build Section:	Main							
Deviation:	1.18							
TVD @ TD (ft):	6,700							
Average TVD (ft):	6,700							
Bottom Hole Loc:	50' FNL & 2310' FEL SEC 8							
PBTD (ft):	6,700							
				1	Coil Connector	2.875	1.375	0.90
				1	Dual Flapper CV	2.875	1.000	1.20
				1	Jar	2.875	1.000	4.39
				1	Hyd. Disconnect	2.875	0.688	2.12
				1	Dual Circ. Sub	2.875	0.563	1.33
				1	CCT Oscillator	2.875		5.87
				1	Motor 4 bpm	2.875		11.40
				1	Rev. Clutch mill	4.625	1.310	1.13
					Total			28.18

Perforation Summary										Plug Detail			
Stage #	Date	Top (ft)	Bottom (ft)	# Perf	SPF	Perf Size (in)	Phasing	Clusters	Cluster Spc (ft)	Depth (ft)	OD (in)	Rating (psi)	Type
CT DO 04	05/10/2012	0	0	0		0.00	0			0	0.0	0	

Stimulation Data												
Stage	Acid Vol (bbl)	Fluid Volume (bbl)	Prop Total (lbs)	Max Prop Conc (lb/gal)	Max Pressure (psi)	Max Rate (bpm)	Average Pressure (psi)	Average Rate (bpm)	Frac Gradient (psi/ft)	ISIP (psi)	5 min (psi)	Comments

Operations Summary						
From	To	HRS	Ph	Op	Activity Last 24 hours	
06:00	06:30	0.50	COMP	SM	JSA meeting with tour change crews. Continue to come up thru curve.	
06:30	07:00	0.50	COMP	CTRIH	Check weight @ 6,000' CTM. RIW 10k. Circ. 4,600 psi. wh 1,600 psi. 2.5 bpm in/out. RIH to DO plug 23-26	
07:00	07:49	0.82	COMP	CTRIH	13,137' CTM. RIW 8.5k. circ. 5,600 psi. wh 1,700 psi. Rate 3 bpm in/out. RIH to DO plug 23-26. Adjust to drilling rate.	
07:49	07:59	0.17	COMP	CTD	Tag plug #23 @ 13,213' CTM (13,224' WLM), WOB 2000, Rate 3 bpm in/ 3 bpm out, circ 4,300 psi/ wh 1,600 psi, POP-1 gal/1000. CIH	
07:59	08:42	0.72	COMP	CTRIH	Plug #23 drilled in 43 min. RIH. circ.-4,700 psi. wh-1,700 psi. 3 bpm. PUW-23k. RIW-5k. Heavy sand between perms. Pump 5 bbl. sweep.	
08:42	09:39	0.95	COMP	OT	Stack out @ 13,411' CTM , WOB 2000, Rate 3 bpm in/ 3 bpm out, circ 5,400 psi/ wh 1,500 psi, POP 1 gal/1000, friction locked.	
09:39	10:04	0.42	COMP	CTST	Currently @ 13,411' CTM, circ. 7,300 psi. wh 1,500 psi. 3.75 bpm in/out, PUW 23k, POP 0 gal/1000, made multiple PUs and a rate change with no progress. Short trip to top of curve @ 30 fpm with an estimated 3.6 hour duration to reach vertical.	
10:04	13:26	3.37	COMP	CTRIH	6,931' CTM, RIW 10k, circ, 5,400 psi, wh 1,500 psi, 3 bpm in/out. Started in hole on short trip.	
		24.01				

GENERAL COMMENTS :
06:00-06:30 JSA meeting with oncoming personnel re: hydration, job scope, with update on nights activities. 13 in attendance- P&W, SLB and Superior.18:30-19:00 JSA and SM with nighttime personnel on CT operation and cfp drill out.

From	To	HRS	Ph	Op	Activity Last 24 hours
13:26	16:22	2.93	COMP	OT	At apex of short trip, the CTS fluid pump fluid end began to leak, CTS stopped coil in vertical to repair pump. Complete repair then RIH to drill plug #24.
16:22	17:25	1.05	COMP	CTD	Tag plug #24 @ 13,436' CTM (13,476' WLM), WOB 2000, Rate 3 bpm in/ 3 bpm out, circ 5,300 psi/ wh 1,300 psi, POP-1 gal/1000. CIH
17:25	18:09	0.73	COMP	CTRIH	Plug #24 drilled in 43 min. RIH. circ.-4,700 psi. wh-1,700 psi. 3 bpm. PUW-23k. RIW-5k. Sand between perms. Pump 5 bbl. sweep.
18:09	19:22	1.22	COMP	CTST	13,006' CTM, circ. 5,300 psi. wh 1,300 psi, rate 3 bpm in/out, Short trip 500' due to friction.
19:22	19:42	0.33	COMP	CTD	Stacked out @ 13,606' CTM , WOB 2000, Rate 3 bpm in/ 3.5 bpm out, circ 5,000 psi/ wh 1,300 psi, POP 1 gal/1000.
19:42	20:16	0.57	COMP	CTPOOH	13,006' CTM, circ. 5,000 psi. wh 1,300 psi. 3 bpm in/3.5 bpm out, PUW 23k, stop POP, POOH due to friction, 30 fpm to 20 deg. then RIH to 8,500' CTM to sweep curve before POOH, 10 bbl sweeps every 10 mins. in lateral.
20:16	01:00	4.73	COMP	CTBHA	SIW, bleed 1,300 psi off CT stack. RD motor, mill, agitator and jars.
01:00	02:30	1.50	COMP	CTRD	Secure CT equipment and location.
02:30	06:00	3.50	COMP	SDFN	Prepare for CT spectra gamma log run. ETA of Protechnics hand 2:00 p.m.
		24.01			



DAILY COMPLETION AND WORKOVER REPORT

UNIVERSITY 12-17 1H

DATE : 05/11/2012

EVENT #

Well:	UNIVERSITY 12-17 1H	Report by:	RON URMY	AFE C Total:	\$4,618,900
API #:	4238337579	Report #:	19	Daily Cost:	\$80,967
REGION:	MID-CON REGION	AFE#:	110DC114542	Cum DRLG:	\$5,722,741
FIELD:	SOUTH MIDLAND	AFE Total:	\$9,639,700	Comp/WO (Event 2 or 4):	\$4,829,986
State:	TEXAS	WI%:	100.000	Cum Fac Const (Event 3):	
County/Parish:	REAGAN	% AFE Spent:	110.10%	Cum Total Spent:	\$10,613,637

24 Hrs SUMMARY:	Run tracer on CT. Start flowing back well to tanks.				
Current Activity:	Flow well to tanks on 12 pos. 1350 Psi WHP, 50 BPH				
Forecast:	Flowback to tanks. Rd plug catchers.				
Accident/Spill(Y/N):	N	Description:			

Casing Data												
Section	Size (in)	Depth (ft)	Weight (lbs/ft)	Grade	Conn	ID (in)	Drift	Burst (psi)	Collapse	Tension	TOC (ft)	Comments
Surface	13.375	983	54.500	J-55	BTC	12.615	12.460	2,730	1,130	853,000	0	
Other Production	5.500	6,485 14,260	17.000	P-110	LTC	4.892		0	0	0	0	

Wellbore Detail		Wellhead Detail		BHA Summary					
Horizontal/Vertical:	HORIZONTAL	A Sec:	13 3/8" SOW x 13 5/8" 5M	BHA # CT log run					
KB (ft):	2805.92	B Sec:	13 5/8" 5M x 11" 5M	Qty	Description	O.D. (in)	I.D. (in)	Length (ft)	
GL (ft):	2777.92	C Sec:	11" 5M x 7 1/16" 10M						
KB-GL (ft):	28.00	Valve Detail Bottom to Top:		1	COIL CONN.	2.875	1.375	0.90	
KOP (ft):	6,700			1	DFV	2.875	0.938	1.21	
Build Section:	Main			1	HYD DISC.	2.875	0.688	2.13	
Deviation:	1.18			1	LOG SLEEVE	2.875		14.75	
TVD @ TD (ft):	6,700								
Average TVD (ft):	6,700								
Bottom Hole Loc:	50' FNL & 2310' FEL SEC 8								
PBTD (ft):	6,700								

Perforation Summary										Plug Detail			
Stage #	Date	Top (ft)	Bottom (ft)	# Perf	SPF	Perf Size (in)	Phasing	Clusters	Cluster Spc (ft)	Depth (ft)	OD (in)	Rating (psi)	Type
CT log run	05/11/2012	0	0	0						0		0	

Stimulation Data												
Stage	Acid Vol (bbl)	Fluid Volume (bbl)	Prop Total (lbs)	Max Prop Conc (lb/gal)	Max Pressure (psi)	Max Rate (bpm)	Average Pressure (psi)	Average Rate (bpm)	Frac Gradient (psi/ft)	ISIP (psi)	5 min (psi)	Comments

Operations Summary						Activity Last 24 hours						
From	To	HRS	Ph	Op								
06:00	06:30	0.50	COMP	SM		Safety meeting with crews on location						
06:30	10:00	3.50	COMP	RDMO		RDMO Hydration station and haul recirculated water to disposal.						
10:00	16:30	6.50	COMP	OT		Arrange removal of recovered frac sand to Lotus disposal.						
16:30	17:00	0.50	COMP	SM		Safety meeting with crews on location for 2" CT logging run.						
17:00	17:30	0.50	COMP	CTRU		RU 2" CT unit for spectra gamma log run.						
17:30	18:30	1.00	COMP	CTBHA		RU Protechnics logging tool and Spartan sleeve.						
18:30	18:47	0.28	COMP	TE		Test CT stack, flow iron and wellhead to 8,000 psi.						
18:47	18:56	0.15	COMP	CTRIH		Equalize CT stack pressue to WHP 1,600 psi. OW. RIH. Circ 1,600 psi. Rate .5 bpm. Choke closed.						
18:56	19:48	0.87	COMP	WLL		6,200' CTM. Circ. 1,700 psi. WH 1,500 psi. Rate .5 bpm. Choke closed. Start logging downhole to 11,100' CTM.						
19:48	22:32	2.73	COMP	WLL		11,100' CTM. Circ. 1,500 psi. WH 1,250 psi. Rate .5 bpm. Log out to 6,200' CTM.						
22:32	01:10	2.63	COMP	CTPOOH		6,200' CTM. Circ. 1,500 psi. WH 1,250 psi. Rate .5 bpm. Choke closed. Stop logging and POOH.						
01:10	01:53	0.72	COMP	CTRD		SD fluid pump. Bump up with CT BHA. SIW. Bleed off CT stack. ND off BOPE stack.						
		24.00										

GENERAL COMMENTS :

From	To	HRS	Ph	Op	Activity Last 24 hours
01:53	03:45	1.87	COMP	CTRD	Log successful. Evacuate coil capacity to frac tank. RDMO CTU
03:45	06:00	2.25	COMP	FB	Turn over well to flow through flowback equipment to tank. WH 1,325 psi. on 12/64" chok.
		24.00			



DAILY COMPLETION AND WORKOVER REPORT

UNIVERSITY 12-17 1H

DATE : 05/22/2012

EVENT #

Well:	UNIVERSITY 12-17 1H	Report by:	TRAVIS DAVIS	AFE C Total:	\$4,618,900
API #:	4238337579	Report #:	1	Daily Cost:	\$56,467
REGION:	MID-CON REGION	AFE#:	110DC114542	Cum DRLG:	\$5,745,821
FIELD:	SOUTH MIDLAND	AFE Total:	\$9,639,700	Comp/WO (Event 2 or 4):	\$5,409,259
State:	TEXAS	WI%:	100.000	Cum Fac Const (Event 3):	
County/Parish:	REAGAN	% AFE Spent:	117.18%	Cum Total Spent:	\$11,295,322

24 Hrs SUMMARY:	PREPARED TO INSTALL PRODUCTION TUBING AND BEGAN MAKING UP BHA.				
Current Activity:	SAFETY MEETING				
Forecast:	INSTALL PRODUCTION STRING, PACKER AND JET PUMP.				
Accident/Spill(Y/N):	N	Description:			

Casing Data												
Section	Size (in)	Depth (ft)	Weight (lbs/ft)	Grade	Conn	ID (in)	Drift	Burst (psi)	Collapse	Tension	TOC (ft)	Comments
Surface	13.375	983	54.500	J-55	BTC	12.615	12.460	2,730	1,130	853,000	0	
Other Production	5.500	6,485 14,260	17.000	P-110	LTC	4.892		0	0	0	0	

Wellbore Detail		Wellhead Detail		BHA Summary				
Horizontal/Vertical:	HORIZONTAL	A Sec:	13 3/8" SOW x 13 5/8" 5M	BHA #				
KB (ft):	2805.92	B Sec:	13 5/8" 5M x 11" 5M	Qty	Description	O.D. (in)	I.D. (in)	Length (ft)
GL (ft):	2777.92	C Sec:	11" 5M x 7 1/16" 10M					
KB-GL (ft):	28.00	Valve Detail Bottom to Top:						
KOP (ft):	6,700							
Build Section:	Main							
Deviation:	1.18							
TVD @ TD (ft):	6,700							
Average TVD (ft):	6,700							
Bottom Hole Loc:	50' FNL & 2310' FEL SEC 8							
PBTD (ft):	6,700							

Perforation Summary										Plug Detail			
Stage #	Date	Top (ft)	Bottom (ft)	# Perf	SPF	Perf Size (in)	Phasing	Clusters	Cluster Spc (ft)	Depth (ft)	OD (in)	Rating (psi)	Type

Stimulation Data													
Stage	Acid Vol (bbl)	Fluid Volume (bbl)	Prop Total (lbs)	Max Prop Conc (lb/gal)	Max Pressure (psi)	Max Rate (bpm)	Average Pressure (psi)	Average Rate (bpm)	Frac Gradient (psi/ft)	ISIP (psi)	5 min (psi)	Comments	

Operations Summary					
From	To	HRS	Ph	Op	Activity Last 24 hours
06:00	04:15	22.25	COMP	OT	KILLED WELL AND LD 2-7/8" 8.7# PH6 P110 WORKSTRING. ON DRILL AND COMPLETE.
04:15	04:30	0.25	COMP	SM	HELD JSA OVER LOADING TUBING ON RACKS - MU BHA AND INSTALLING PRODUCTION TUBING.
04:30	05:45	1.25	COMP	SERU	LOADED 210 JOINTS OF 2-7/8" 6.5# L80 8rd EUE TUBING ON THE RACKS AND TALLIED. CHANGED OVER TO TIH WITH TUBING.
05:45	06:00	0.25	COMP	TIH	PU 1 JOINT OF 2-7/8" 6.5# 2-7/8" L80 8RD EUE JOINT. MU JJ PORTED FLOW COUPLING AND 6' x 2-7/8" 6.5# L80 8RD EUE. TURNED OPERATIONS OVER TO DAY SHIFT.
		24.00			

GENERAL COMMENTS :
0415 - 0430
HELD JSA OVER LOADING TUBING ON RACKS - MU BHA AND INSTALLING PRODUCTION TUBING.
TOPICS: HSE POLICY - EMERGENCY PROCEDURES - LINE OF FIRE - PINCH POINTS - SUSPENDED LOADS - PROPER MANUAL LIFTING TECHNIQUES.
DISCUSSED MU OF BHA IN DETAIL.
PEOPLE IN ATTENDANCE. PIONEER - 6. MI SWACO - 2. OIL - 1. SUPERFLOW - 1. VORSI - 1. HRACO - 1. BHP - 1.



DAILY COMPLETION AND WORKOVER REPORT

UNIVERSITY 12-17 1H

DATE : 05/22/2012

EVENT #

Well:	UNIVERSITY 12-17 1H	Report by:	TRAVIS DAVIS	AFE C Total:	\$4,618,900
API #:	4238337579	Report #:	30	Daily Cost:	\$56,467
REGION:	MID-CON REGION	AFE#:	110DC114542	Cum DRLG:	\$5,745,821
FIELD:	SOUTH MIDLAND	AFE Total:	\$9,639,700	Comp/WO (Event 2 or 4):	\$5,409,259
State:	TEXAS	WI%:	100.000	Cum Fac Const (Event 3):	
County/Parish:	REAGAN	% AFE Spent:	117.18%	Cum Total Spent:	\$11,295,322

24 Hrs SUMMARY:	KILLED WELL WITH 11.2 PPG CACL - POOH AND LAID DOWN WORK STRING. CHANGED OVER TO TUBING INSTALL EVENT.		
Current Activity:	SAFETY MEETING.		
Forecast:	INSTALL PRODUCTION TUBING - PACKER AND JET PUMP ASSEMBLY		
Accident/Spill(Y/N):	N	Description:	

Casing Data												
Section	Size (in)	Depth (ft)	Weight (lbs/ft)	Grade	Conn	ID (in)	Drift	Burst (psi)	Collapse	Tension	TOC (ft)	Comments
Surface	13.375	983	54.500	J-55	BTC	12.615	12.460	2,730	1,130	853,000	0	
Other Production	5.500	6,485 14,260	17.000	P-110	LTC	4.892		0	0	0	0	

Wellbore Detail		Wellhead Detail		BHA Summary				
Horizontal/Vertical:	HORIZONTAL	A Sec:	13 3/8" SOW x 13 5/8" 5M	BHA #				
KB (ft):	2805.92	B Sec:	13 5/8" 5M x 11" 5M	Qty	Description	O.D. (in)	I.D. (in)	Length (ft)
GL (ft):	2777.92	C Sec:	11" 5M x 7 1/16" 10M					
KB-GL (ft):	28.00	Valve Detail Bottom to Top:						
KOP (ft):	6,700							
Build Section:	Main							
Deviation:	1.18							
TVD @ TD (ft):	6,700							
Average TVD (ft):	6,700							
Bottom Hole Loc:	50' FNL & 2310' FEL SEC 8							
PBTD (ft):	6,700							

Perforation Summary										Plug Detail			
Stage #	Date	Top (ft)	Bottom (ft)	# Perf	SPF	Perf Size (in)	Phasing	Clusters	Cluster Spc (ft)	Depth (ft)	OD (in)	Rating (psi)	Type

Stimulation Data													
Stage	Acid Vol (bbl)	Fluid Volume (bbl)	Prop Total (lbs)	Max Prop Conc (lb/gal)	Max Pressure (psi)	Max Rate (bpm)	Average Pressure (psi)	Average Rate (bpm)	Frac Gradient (psi/ft)	ISIP (psi)	5 min (psi)	Comments	

Operations Summary						Activity Last 24 hours	
From	To	HRS	Ph	Op			
06:00	06:15	0.25	COMP	SM	HELD JSA TGSM OVER DAYS PROCEDURES		
06:15	09:30	3.25	COMP	POOHTBG	POOH LD 249 jnts 2 7/8" 8.7# P110. EOT- 6676'. SITP - 0 PSI. SICP - 60 PSI.		
09:30	18:00	8.50	COMP	KOPS	PUMPED 200 BBLs OF 9.9# BRINE PER PROCEDURE.(WEIGHED BEFORE PUMPING) @ 4 BPM @ 800 PSI. FCP BEFORE PUMPING- 320 PSI. ISCP- 75 PSI. OPENED WELL TO TANK WELL FLOWING @ 55 PSI. SWI TO MONITOR PRESSURE. CALLED IN FOR PATHFOWARD WILL ORDER HEAVIER WATER 11# BRINE AND MONITOR PRESSURES BEFORE PUMPING. CONTINUED TO MONITOR SICP. 1800 HR SIP'S: SICP - 60 PSI. SITP - 0 PSI.		
18:00	18:15	0.25	COMP	SM	HELD JSA OVER KILL OPERATIONS AND LD TUBING.		
18:15	20:45	2.50	COMP		WAITED ON DELIVERY OF 11.2 PPG CACL. TOOK DELIVERY OF 200 BBLs OF CACL - STIRRED AND WEIGHED.		
20:45	21:00	0.25	COMP	KOPS	INITIAL PRESSURES: SICP - 75 PSI. SITP - 0 PSI. BEGAN PUMPING 11.2 PPG CACL DOWN CASING. RATE WAS 4 BPM 400 PSI. PRESSURE FELL TOO QUICKLY AND STRAPPED TANKS. FILTER SOCKS IN THE TRANSFER PUMP WERE STOPPED UP WITH 60 BBLs PUMPED.		
21:00	21:45	0.75	COMP		CHANGED OUT FILTER SOCKS AND REPRIMED TRANSFER PUMP.		
21:45	23:10	1.42	COMP	KOPS	COMPLETED PUMPING (40 BBLs) 11.2 PPG CACL DOWN CASING. ISIP = 0 PSI. 5 MINS SICP = 0 PSI. PUMPED 35 BBLs 11.2 PPG CACL DOWN TUBING 4 BPM ISIP = 0 PSI. 5 MIN SITP - 0 PSI. CHANGED OUT FILTERS 2 TIMES TOTAL.		
		24.00					

GENERAL COMMENTS :

1800 - 1815

HELD JSA OVER KILL OPERATIONS AND LD TUBING. TOPICS: HSE POLICY – EMERGENCY PROCEDURES – PRESSURE – LINE OF FIRE – PINCH POINTS – SUSPENDED LOADS – LINE OF FIRE AND TRIP HAZARDS. DISCUSSED OPERATIONS THE NIGHT BEFORE AND IMPROVEMENTS WE COULD MAKE. 11 PEOPLE IN ATTENDANCE. PIONEER – 6. MI SWACO – 2. SUPERFLOW – 1. TEXAS ENERGY – 1. BHP – 1.

From	To	HRS	Ph	Op	Activity Last 24 hours
23:10	00:10	1.00	COMP	KOPS	MONITORED SHUT IN PRESSURES FOR 1 HR. SICP - 0 PSI. SITP - 0 PSI.
00:10	04:15	4.08	COMP	POOHTBG	POOH - LD 218 JOINTS OF 2-7/8" 8.7# PH6 P110 WORKSTRING AND MOVED TO SIDE. BROKE DOWN BHA CONSISTED OF 2 x FLOAT SUBS AND 3-5/8" TRI-CONE BIT.
04:15	06:00	1.75	COMP	SDFN	DRILL AND COMPLETE OPERATIONS ARE COMPLETE. TURNED OVER TO TUBE UP OPERATIONS.
		24.00			



DAILY COMPLETION AND WORKOVER REPORT

UNIVERSITY 12-17 1H

DATE : 05/23/2012

EVENT #

Well:	UNIVERSITY 12-17 1H	Report by:	TRAVIS DAVIS	AFE C Total:	\$4,618,900
API #:	4238337579	Report #:	2	Daily Cost:	\$121,991
REGION:	MID-CON REGION	AFE#:	110DC114542	Cum DRLG:	\$5,745,821
FIELD:	SOUTH MIDLAND	AFE Total:	\$9,639,700	Comp/WO (Event 2 or 4):	\$5,540,435
State:	TEXAS	WI%:	100.000	Cum Fac Const (Event 3):	
County/Parish:	REAGAN	% AFE Spent:	118.54%	Cum Total Spent:	\$11,426,497

24 Hrs SUMMARY:	INSTALLED PRODUCTION TUBING AND SET PACKER @ 6,695.25'. PULLED PTP AND ATTEMPTED TO INSTALL JET PUMP HOUSING WITH "X" LATCH.				
Current Activity:	SAFETY MEETING				
Forecast:	INSTALL JET PUMP HOUSING - RDMS WSU AND SUPPORT EQUIPMENT. RU JET PUMP SYSTEM				
Accident/Spill(Y/N):	N	Description:			

Casing Data												
Section	Size (in)	Depth (ft)	Weight (lbs/ft)	Grade	Conn	ID (in)	Drift	Burst (psi)	Collapse	Tension	TOC (ft)	Comments
Surface	13.375	983	54.500	J-55	BTC	12.615	12.460	2,730	1,130	853,000	0	
Other		6,485										
Production	5.500	14,260	17.000	P-110	LTC	4.892		0	0	0	0	

Wellbore Detail		Wellhead Detail		BHA Summary				
Horizontal/Vertical:	HORIZONTAL	A Sec:	13 3/8" SOW x 13 5/8" 5M	BHA #				
KB (ft):	2805.92	B Sec:	13 5/8" 5M x 11" 5M	Qty	Description	O.D. (in)	I.D. (in)	Length (ft)
GL (ft):	2777.92	C Sec:	11" 5M x 7 1/16" 10M					
KB-GL (ft):	28.00	Valve Detail Bottom to Top:						
KOP (ft):	6,700							
Build Section:	Main							
Deviation:	1.18							
TVD @ TD (ft):	6,700							
Average TVD (ft):	6,700							
Bottom Hole Loc:	50' FNL & 2310' FEL SEC 8							
PBTD (ft):	6,700							

Perforation Summary										Plug Detail			
Stage #	Date	Top (ft)	Bottom (ft)	# Perf	SPF	Perf Size (in)	Phasing	Clusters	Cluster Spc (ft)	Depth (ft)	OD (in)	Rating (psi)	Type

Stimulation Data												
Stage	Acid Vol (bbl)	Fluid Volume (bbl)	Prop Total (lbs)	Max Prop Conc (lb/gal)	Max Pressure (psi)	Max Rate (bpm)	Average Pressure (psi)	Average Rate (bpm)	Frac Gradient (psi/ft)	ISIP (psi)	5 min (psi)	Comments

Operations Summary						Activity Last 24 hours	
From	To	HRS	Ph	Op			
06:00	06:30	0.50	COMP		JSA TGSM, DISCUSSED TUBE UP		
06:30	12:30	6.00	COMP	TIH	CONTINUE TO MAKE UP BHA PER VORSI AND JET PUMP SPECIFICATION TIH W/ 2-7/8" X 7-1/16" 2-7/8" 6.5# L-80 EUE 8RD TUBING SLICK JOINT 2-7/8" 6.5# L-80 EUE 8RD TUBING (209 JTS) 2.313" "X" NIPPLE W/2-7/8" EUE 8RCONNECTIONS (WITH PUMP THRU PLUG SET AND TESTED TO 5000 PSI2-7/8" 6.5# L-80 EUE 8RD TUBING (ONE JOINT)JJ TECH PORTED FLOW COUPLING, 2-7/8" EUE 8R (W/2.313" X PROFILE IN UPPER PART OF FLOW COUPLING) 2-7/8" 6.5# L-80 EUE 8RD X 6' PUP JOINT JJ TECH GR NIPPLE(2.25" BOREw2.197" NoGo),2-7/8" EUE 8RD (W/2.25" GBR-2 EQUALIZING STANDING VALVE IN PLACE) 2-7/8" 6.5# L-80 EUE 8RD X 4' PUP JOINT ON-OFF TOOL /SEAL NIPPLE W/1.875" "X" PROFILE 5-1/2" 17# VORSI VS-1 PRODUCTION PACKER 2-3/8" 4.7# L-80 EUE 8RD PUP JOINT WIRE LINE ENTRY GUIDE (WLEG)		
12:30	13:45	1.25	COMP	PKR	INSTALLED TBG HANGER AND BPV SET PACKER IN 10K COMPRESSION WORKED TORQUE OUT LANDED TBG INSTALLED PINS AND SHUT PIPE RAMS ON PIPE TESTED AND CHARTED HANGER TO 3500 PSI. LAYED DWN LANDING JNT AND PROCEEDED WITH ND BOPE		
		24.00					

GENERAL COMMENTS :
1800 - 1815HELD JSA OVER RU SLU - TESTING - SL OPTS AND RDMS EQUIPMENT. TOPICS: HSE POLICY - EMERGENCY PROCEDURES - LINE OF FIRE - PINCH POINTS - WORKING AT HEIGHTS - PRESSURE AND POTENTIAL ENERGY RELEASES.

From	To	HRS	Ph	Op	Activity Last 24 hours
13:45	16:30	2.75	COMP	ND BOP	ND BOPE
16:30	18:00	1.50	COMP	OT	NU TREE AND TEST AND CHARTED TREE TO 5000 PSI. HIGH 250 PSI. LOW.
18:00	18:15	0.25	COMP	SM	HELD JSA OVER RU SLU - TESTING - SL OPTS AND RDMO EQUIPMENT.
18:15	19:00	0.75	COMP	WLRU	RU SLU AND SCHLUMBERGER BROUGHT THE WRONG FLANGE TO FLANGE UP TO THE TREE.
19:00	19:30	0.50	COMP	TE	FILLED CASING WITH 12 BBLs OF 9.9 PPG BRINE AND TESTED TO 500 PSI. HELD 15 MINS AND GOOD TEST.
19:30	20:00	0.50	COMP	WLRU	WAITED ON 2-9/16" 5M BOWEN FLANGE FROM SCHLUMBERGER.
20:00	20:15	0.25	COMP	WLRU	RU 2-9/16" 5M FLANGE ON TOP OF PRODUCTION TREE. MADE UP 2.347" OD GR ON TO 1-1/2" SLICKLINE TOOL STRING AND RU LUBRICATOR.
20:15	20:30	0.25	COMP	TE	TESTED LUBRICATOR TO 250 PSI < 5,000 PSI - GOOD TEST AND BLED TO 0 PSI.
20:30	20:45	0.25	COMP	WLRIH	OPENED WELL - RIH WITH 2.347" OD GR AND LOCATED 2.313" ID "X" NIPPLE AT 6,627' WLM.
20:45	21:00	0.25	COMP	WLPOOH	POOH WITH 2.347" OD GR.
21:00	21:15	0.25	COMP	WLRU	SWI - LD 2.347" OD GR - MU 2.5 GS PULLING TOOL AND RU LUBRICATOR.
21:15	21:30	0.25	COMP	TE	TESTED LUBRICATOR TO 250 PSI < 5,000 PSI. GOOD TEST AND BLED TO 0 PSI.
21:30	22:15	0.75	COMP	WLRIH	OPENED WELL - RIH WITH 2.5" GS PULLING TOOL - LATCHED TO PTP AND SHEARED OFF.
22:15	22:30	0.25	COMP	WLPOOH	POOH WITH 2.5" GS PULLING TOOL.
22:30	23:00	0.50	COMP	WLRU	SWI - REPINNED 2.5" GS PULLING TOOL AND RU LUBRICATOR.
23:00	23:15	0.25	COMP	TE	TESTED LUBRICATOR TO 250 PSI < 5,000 PSI. GOOD TEST AND BLED TO 0 PSI.
23:15	23:45	0.50	COMP	WLRIH	RIH WITH 2.5" GS PULLING TOOL - LATCHED - RELEASED AND PULLED PTP FROM 6,627' WLM.
23:45	00:00	0.25	COMP	WLPOOH	POOH WITH PTP.
00:00	00:15	0.25	COMP	WLRD	SWI - LD PTP AND RD SL TO THE SIDE.
00:15	00:45	0.50	COMP	KOPS	CIRCULATED 130 BBLs OF FILTERED FW TO FLUSH TUBING AND DISPLACE 9.9 PPG BRINE. 4 BPM 1700 PSI. ISIP TUBING - 800 PSI. 5 MIN SITP - 700 PSI.
00:45	01:00	0.25	COMP	WLRU	MU 2.30" OD JET PUMP HOUSING ASSY WITH X-LOCK ONTO 2.5" X-LINE RUNNING TOOL (FUNCTION TESTED AT SURFACE) AND RU LUBRICATOR.
01:00	01:15	0.25	COMP	TE	TESTED LUBRICATOR TO 250 PSI < 5000 PSI. GOOD TEST AND BLED TO SITP - 700 PSI.
01:15	02:45	1.50	COMP	WLRIH	OPENED WELL - RIH WITH JJ JET PUMP HOUSING WITH X-LOCK. JARRED THROUGH 2.313" ID "X" NIPPLE @ 6,627' WLM. SAT DOWN ON 2.313" ID PROFILE AT THE TOP OF THE 2.313" ID PROFILE IN THE TOP OF PORTED SUB. JARRED LOWER PACKING INTO THE PORTED SUB BUT COULDN'T GET KEYS INSIDE. WORKED FOR AN HOUR AND JARRED OUT.
02:45	03:15	0.50	COMP	WLPOOH	POOH WITH JJ JET PUMP HOUSING ASSY.
03:15	04:00	0.75	COMP	WLRU	SWI - LD 2.30" OD JET PUMP HOUSING WITH X-LOCK AND INSPECTED. FOUND NO MARKINGS OR TRASH ON THE TOOLS. CALLED SUPERVISOR - REPINNED X-LINE SETTING TOOL AND MU. RU LUBRICATOR,
04:00	04:30	0.50	COMP	TE	TESTED LUBRICATOR TO 250 PSI < 5000 PSI. GOOD TEST AND BLED TO 700 PSI. CHANGED OUT TWO O-RINGS.
04:30	05:45	1.25	COMP	WLRIH	OPENED WELL - RIH WITH 2.30" OD JET PUMP HOUSING WITH X-LOCK - THROUGH 2.313" ID "X" NIPPLE @ 6,627' WLM AND DOWN TO PROFILE IN THE TOP OF PORTED SUB. ATTEMPTED TO JAR 2.30" OD JET PUMP HOUSING THROUGH 2.313" ID PROFILE. COULD ONLY GET DOWN TO 6,661' WLM AND COULD NOT GET KEYS TO ENGAGE. COULD GET BOTTOM SEALS IN THE PROFILE BUT NOT TOP.
05:45	06:00	0.25	COMP	WLPOOH	POOH WITH 2.30" OD JET PUMP HOUSING WITH "X" LOCK. 1100' AT TOUR CHANGE.
		24.00			

DAILY COMPLETION AND WORKOVER REPORT
UNIVERSITY 12-17 1H

DATE : 05/23/2012

EVENT #

Well:	UNIVERSITY 12-17 1H	Report by:	TRAVIS DAVIS	A/E C Total:	\$4,618,900
API #:	4238337579	Report #:	31	Daily Cost:	\$121,991
REGION:	MID-CON REGION	A/E#:	110DC114542	Cum DRLG:	\$5,745,821
FIELD:	SOUTH MIDLAND	A/E Total:	\$9,639,700	Comp/WO (Event 2 or 4):	\$5,540,435
State:	TEXAS	W1%:	100.00%	Cum Fac Const (Event 3):	
County/Parish:	REAGAN	% A/E Spent:	118.54%	Cum Total Spent:	\$11,426,497

24 Hrs SUMMARY:	Reporting final costs		
Current Activity:	reporting final cost		
Forecast:	reporting final costs		
Accident/Spill(Y/N):	N	Description:	

[illegible]

Wellbore Detail		Wellhead Detail		BHA Summary				
Horizontal/Vertical:	HORIZONTAL	A Sec:	13 3/8" SOW x 13 5/8" 5M	BHA #				
KB (ft):	2805.92	B Sec:	13 5/8" 5M x 11" 5M	Qty	Description	O.D. (in)	I.D. (in)	Length (ft)
GL (ft):	2777.92	C Sec:	11" 5M x 7 1/16" 10M					
KB-GL (ft):	28.00	Valve Detail Bottom to Top:						
KOP (ft):	6,700							
Build Section:	Main							
Deviation:	1.18							
TVD @ TD (ft):	6,700							
Average TVD (ft):	6,700							
Bottom Hole Loc:	50' FNL & 2310' FEL SEC 8							
PBTD (ft):	6,700							

[illegible][illegible]

Operations Summary					
From	To	HRS	Ph	Op	Activity Last 24 hours
		0.00			

GENERAL COMMENTS :

DAILY COMPLETION AND WORKOVER REPORT
UNIVERSITY 12-17 1H

DATE : 05/24/2012

EVENT #

Well:	UNIVERSITY 12-17 1H	Report by:	TRAVIS DAVIS	A/E C Total:	\$4,618,900
API #:	4238337579	Report #:	3	Daily Cost:	\$120,206
REGION:	MID-CON REGION	A/E#:	110DC114542	Cum DRLG:	\$5,745,821
FIELD:	SOUTH MIDLAND	A/E Total:	\$9,639,700	Comp/WO (Event 2 or 4):	\$5,660,641
State:	TEXAS	W1%:	100.000	Cum Fac Const (Event 3):	
County/Parish:	REAGAN	% A/E Spent:	119.89%	Cum Total Spent:	\$11,556,703

24 Hrs SUMMARY:	RUN IN HOLE WITH JET PUMP AND SET IN FLOW COUPLING, RDMO WSU AND SUPPORT EQUIPMENT,MIRU JET PUMP SUPPORT EQUIPMENT FOR FLOWBACK OPERATIONS, TURNED WELL OVER TO PRODUCTION.		
Current Activity:	JET PUMP AND SUPPORT EQUIPMENT INSTALLED AND WORKING,		
Forecast:	WILL CONTINUE TO JET WELL AND MONITOR FLOW		
Accident/Spill(Y/N):	N	Description:	

Casing Data												
Section	Size (in)	Depth (ft)	Weight (lbs/ft)	Grade	Conn	ID (in)	Drift	Burst (psi)	Collapse	Tension	TOC (ft)	Comments
Surface Other Production	13.375	983	54.500	J-55	BTC	12.615	12.460	2,730	1,130	853,000	0	
	5.500	14,260	17.000	P-110	LTC	4.892		0	0	0	0	

Wellbore Detail		Wellhead Detail		BHA Summary				
Horizontal/Vertical:	HORIZONTAL	A Sec:	13 3/8" SOW x 13 5/8" 5M	BHA #				
KB (ft):	2805.92	B Sec:	13 5/8" 5M x 11" 5M	Qty	Description	O.D. (in)	I.D. (in)	Length (ft)
GL (ft):	2777.92	C Sec:	11" 5M x 7 1/16" 10M					
KB-GL (ft):	28.00	Valve Detail Bottom to Top:						
KOP (ft):	6,700							
Build Section:	Main							
Deviation:	1.18							
TVD @ TD (ft):	6,700							
Average TVD (ft):	6,700							
Bottom Hole Loc:	50' FNL & 2310' FEL SEC 8							
PBTD (ft):	6,700							

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Operations Summary					
From	To	HRS	Ph	Op	Activity Last 24 hours
06:00	06:30	0.50	COMP	SM	HELD JSA TGSM ON TODAYS OPERATIONS
06:30	11:15	4.75	COMP	WLRIH	POOH WITH 1.75 " BAILER NO DEBRIS TATTLE TELL ONLY SHOWED MARK WERE STANDING VALVE WAS TAGGED @ 6667'. REHEADED AND ADDED 5' OF WEIGHT BARS PER MANUFACTURE RECOMMENDATION. VERIFIED ALL TOOLS WORKING CORRECTLY ON SURFACE. RIH AND SET JET PUMP IN FLOW COUPLING.
11:15	14:00	2.75	COMP	RDMO	RDMO AND SPOT WSU AND ALL SUPPORT EQUIPMENT ON LOWER LOCATION WILL STAGE IT THERE UNTIL WE MOVE IT.
14:00	18:45	4.75	COMP	SERU	MIRU JET PUMP AND SUPPORT EQUIPMENT INJECTING @ TEST ALL LINES
18:45	06:00	11.25	COMP	FB	PER PROCEDURE WE BROUGHT JET PUMP ONLINE ON 24/64 CHOKE INJECTING DWN THE TBG @ 1700 PSI. FLOWING BACK 107 BPH FLOW BACK WILL MONITOR AND REPORT. WILL BE ON LOCATION IF NEEDED.
		24.00			

GENERAL COMMENTS :

HELD JSA TGS. COVERED SUSPENDED LOADS, REPORTING PROCEDURES, STRUCK BY, ROUTINE TASK, MUSTER POINTS, SNAKES, HYDRATION AND EMERGENCY CONTACT.



DAILY COMPLETION AND WORKOVER REPORT
UNIVERSITY 12-17 1H

DATE : 05/26/2012

EVENT #

Well:	UNIVERSITY 12-17 1H	Report by:	TRAVIS DAVIS	AFE C Total:	\$4,618,900
API #:	4238337579	Report #:	5	Daily Cost:	\$10,185
REGION:	MID-CON REGION	AFE#:	110DC114542	Cum DRLG:	\$5,745,821
FIELD:	SOUTH MIDLAND	AFE Total:	\$9,639,700	Comp/WO (Event 2 or 4):	\$5,700,514
State:	TEXAS	WI%:	100.000	Cum Fac Const (Event 3):	
County/Parish:	REAGAN	% AFE Spent:	120.30%	Cum Total Spent:	\$11,596,576

24 Hrs SUMMARY:	FLOWING WELL BACK WITH JET PUMP				
Current Activity:	FLOWING WELL BACK WITH JET PUMP				
Forecast:	FLOWING WELL BACK WITH JET PUMP				
Accident/Spill(Y/N):	N	Description:			

Casing Data												
Section	Size (in)	Depth (ft)	Weight (lbs/ft)	Grade	Conn	ID (in)	Drift	Burst (psi)	Collapse	Tension	TOC (ft)	Comments
Surface	13.375	983	54.500	J-55	BTC	12.615	12.460	2,730	1,130	853,000	0	
Other Production	5.500	6,485 14,260	17.000	P-110	LTC	4.892		0	0	0	0	

Wellbore Detail		Wellhead Detail		BHA Summary				
Horizontal/Vertical:	HORIZONTAL	A Sec:	13 3/8" SOW x 13 5/8" 5M	BHA #				
KB (ft):	2805.92	B Sec:	13 5/8" 5M x 11" 5M	Qty	Description	O.D. (in)	I.D. (in)	Length (ft)
GL (ft):	2777.92	C Sec:	11" 5M x 7 1/16" 10M					
KB-GL (ft):	28.00	Valve Detail Bottom to Top:						
KOP (ft):	6,700							
Build Section:	Main							
Deviation:	1.18							
TVD @ TD (ft):	6,700							
Average TVD (ft):	6,700							
Bottom Hole Loc:	50' FNL & 2310' FEL SEC 8							
PBTD (ft):	6,700							

Perforation Summary										Plug Detail			
Stage #	Date	Top (ft)	Bottom (ft)	# Perf	SPF	Perf Size (in)	Phasing	Clusters	Cluster Spc (ft)	Depth (ft)	OD (in)	Rating (psi)	Type

Stimulation Data													
Stage	Acid Vol (bbl)	Fluid Volume (bbl)	Prop Total (lbs)	Max Prop Conc (lb/gal)	Max Pressure (psi)	Max Rate (bpm)	Average Pressure (psi)	Average Rate (bpm)	Frac Gradient (psi/ft)	ISIP (psi)	5 min (psi)	Comments	

Operations Summary						Activity Last 24 hours	
From	To	HRS	Ph	Op			
06:00	06:00	24.00	COMP	FB	Flowing well back using jet pumps		
		24.00					

GENERAL COMMENTS :

**EVENT #**

Well:	UNIVERSITY 12-17 1H	Report by:	TRAVIS DAVIS	AFE C Total:	\$4,618,900
API #:	4238337579	Report #:	6	Daily Cost:	\$21,685
REGION:	MID-CON REGION	AFE#:	110DC114542	Cum DRLG:	\$5,745,821
FIELD:	SOUTH MIDLAND	AFE Total:	\$9,639,700	Comp/WO (Event 2 or 4):	\$5,815,719
State:	TEXAS	WI%:	100.000	Cum Fac Const (Event 3):	
County/Parish:	REAGAN	% AFE Spent:	121.50%	Cum Total Spent:	\$11,711,781

24 Hrs SUMMARY:	Flowed well through flowback equipment to flowback tank.		
Current Activity:	Choke: 128/64" Adj flowing through gut of manifold 2" Tubing Pressure: 0 psi Casing Pressure: 5 psi BWPH: 22 bbls BW last 5 hrs: 431 bbls BO last 5 hrs: 24 bbls Chlorides: 61,128 ppm% Water Weight: 8.9 ppg Water Recovered: 10.49 %TOR: 58 Oil API: 27 @ 60 DegH2S: n/aCO2: n/a TW to be recovered: 204,425 bblsSand/Solids Presence: None Injection Rate: 0 bph Jet Pump Vessel Pressure: 0 psiSeparator Vessel Pressure: n/aFlow path of oil/water and gas: Wellhead-Sand Separator-Manifold-Jet Pump Vessel-Tanks Total Water previous 24 hr: 2,387 Total Oil previous 24 hr: 58 Total Gas previous 24 hr: n/a		
Forecast:	Flow well through flowback equipment to flowback tank.		
Accident/Spill(Y/N):	N	Description:	

[illegible]

Wellbore Detail		Wellhead Detail		BHA Summary				
Horizontal/Vertical:	HORIZONTAL	A Sec:	13 3/8" SOW x 13 5/8" 5M	BHA #				
KB (ft):	2805.92	B Sec:	13 5/8" 5M x 11" 5M	Qty	Description	O.D. (in)	I.D. (in)	Length (ft)
GL (ft):	2777.92	C Sec:	11" 5M x 7 1/16" 10M					
KB-GL (ft):	28.00	Valve Detail Bottom to Top:						
KOP (ft):	6,700							
Build Section:	Main							
Deviation:	1.18							
TVD @ TD (ft):	6,700							
Average TVD (ft):	6,700							
Bottom Hole Loc:	50' FNL & 2310' FEL SEC 8							
PBTD (ft):	6,700							

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Operations Summary					
From	To	HRS	Ph	Op	Activity Last 24 hours
06:00	06:00	24.00	COMP	FB	Total Water previous 24 hr: 2,387 Total Oil previous 24 hr: 58 Total Gas previous 24 hr: n/a
		24.00			

GENERAL COMMENTS :

Morning JSA: In attendance Eric Edsall and Tyler Wines Discussed Slips, Trips, Falls, Pinch Points, high pressure @ 5:45am



DAILY COMPLETION AND WORKOVER REPORT

UNIVERSITY 12-17 1H

DATE : 05/28/2012

EVENT #

Well:	UNIVERSITY 12-17 1H	Report by:	TRAVIS DAVIS	AFE C Total:	\$4,618,900
API #:	4238337579	Report #:	7	Daily Cost:	\$12,965
REGION:	MID-CON REGION	AFE#:	110DC114542	Cum DRLG:	\$5,745,821
FIELD:	SOUTH MIDLAND	AFE Total:	\$9,639,700	Comp/WO (Event 2 or 4):	\$5,828,684
State:	TEXAS	WI%:	100.000	Cum Fac Const (Event 3):	
County/Parish:	REAGAN	% AFE Spent:	121.63%	Cum Total Spent:	\$11,724,746

24 Hrs SUMMARY:	Flowed well through flowback equipment to flowback tank.				
Current Activity:	Shut in well. Currently waiting on a electrician and a pump service tech to arrive.				
Forecast:	Flow well through flowback equipment to flowback tank.				
Accident/Spill(Y/N):	N	Description:			

Casing Data												
Section	Size (in)	Depth (ft)	Weight (lbs/ft)	Grade	Conn	ID (in)	Drift	Burst (psi)	Collapse	Tension	TOC (ft)	Comments
Surface	13.375	983	54.500	J-55	BTC	12.615	12.460	2,730	1,130	853,000	0	
Other Production	5.500	6,485 14,260	17.000	P-110	LTC	4.892		0	0	0	0	

Wellbore Detail		Wellhead Detail		BHA Summary				
Horizontal/Vertical:	HORIZONTAL	A Sec:	13 3/8" SOW x 13 5/8" 5M	BHA #				
KB (ft):	2805.92	B Sec:	13 5/8" 5M x 11" 5M	Qty	Description	O.D. (in)	I.D. (in)	Length (ft)
GL (ft):	2777.92	C Sec:	11" 5M x 7 1/16" 10M					
KB-GL (ft):	28.00	Valve Detail Bottom to Top:						
KOP (ft):	6,700							
Build Section:	Main							
Deviation:	1.18							
TVD @ TD (ft):	6,700							
Average TVD (ft):	6,700							
Bottom Hole Loc:	50' FNL & 2310' FEL SEC 8							
PBTD (ft):	6,700							

Perforation Summary										Plug Detail			
Stage #	Date	Top (ft)	Bottom (ft)	# Perf	SPF	Perf Size (in)	Phasing	Clusters	Cluster Spc (ft)	Depth (ft)	OD (in)	Rating (psi)	Type

Stimulation Data													
Stage	Acid Vol (bbl)	Fluid Volume (bbl)	Prop Total (lbs)	Max Prop Conc (lb/gal)	Max Pressure (psi)	Max Rate (bpm)	Average Pressure (psi)	Average Rate (bpm)	Frac Gradient (psi/ft)	ISIP (psi)	5 min (psi)	Comments	

Operations Summary					
From	To	HRS	Ph	Op	Activity Last 24 hours
06:00	06:00	24.00	COMP	FB	Well shut in.
		24.00			

GENERAL COMMENTS :

Morning JSA: In attendance Eric Edsall and Tyler Wines Discussed Slips, Trips, Falls, Pinch Points, high pressure @ 5:45am



DAILY COMPLETION AND WORKOVER REPORT

UNIVERSITY 12-17 1H

DATE : 05/29/2012

EVENT #

Well:	UNIVERSITY 12-17 1H	Report by:	JOE BURLESON	AFE C Total:	\$4,618,900
API #:	4238337579	Report #:	8	Daily Cost:	\$12,965
REGION:	MID-CON REGION	AFE#:	110DC114542	Cum DRLG:	\$5,745,821
FIELD:	SOUTH MIDLAND	AFE Total:	\$9,639,700	Comp/WO (Event 2 or 4):	\$5,841,649
State:	TEXAS	WI%:	100.000	Cum Fac Const (Event 3):	
County/Parish:	REAGAN	% AFE Spent:	121.76%	Cum Total Spent:	\$11,737,711

24 Hrs SUMMARY:	Jet pump well through test equipment to flowback tank.				
Current Activity:	Choke: 128/64" Adj flowing through gut of manifold 2" Tubing Pressure: 3900 psi Casing Pressure: 155 psi BWPH: 106 bbls BW last 5 hrs: 518 bbls BOPH 3 bbls. BO last 5 hrs: 12 bbls Gas N/A Chlorides: 63,998 ppm% Water Weight: 8.9 ppg Water Recovered: 11.18 %TOR: 127 Oil API: 27 @ 60 DegH2S: n/aCO2: n/a TW to be recovered: 202,861 bblsSand/Solids Presence: None Injection Rate: 0 bph Jet Pump Vessel Pressure: 0 psiSeparator Vessel Pressure: n/aFlow path of oil/water and gas: Wellhead-Sand Separator-Manifold-Jet Pump Vessel-Tanks Total Water previous 24 hr: 2,387 Total Oil previous 24 hr: 58 Total Gas previous 24 hr: n/a				
Forecast:	Jet pump well through flowback equipment to flowback tank.				
Accident/Spill(Y/N):	N	Description:			

Casing Data												
Section	Size (in)	Depth (ft)	Weight (lbs/ft)	Grade	Conn	ID (in)	Drift	Burst (psi)	Collapse	Tension	TOC (ft)	Comments
Surface	13.375	983	54.500	J-55	BTC	12.615	12.460	2,730	1,130	853,000	0	
Other Production	5.500	6,485 14,260	17.000	P-110	LTC	4.892		0	0	0	0	

Wellbore Detail		Wellhead Detail		BHA Summary				
Horizontal/Vertical:	HORIZONTAL	A Sec:	13 3/8" SOW x 13 5/8" 5M	BHA #				
KB (ft):	2805.92	B Sec:	13 5/8" 5M x 11" 5M	Qty	Description	O.D. (in)	I.D. (in)	Length (ft)
GL (ft):	2777.92	C Sec:	11" 5M x 7 1/16" 10M					
KB-GL (ft):	28.00	Valve Detail Bottom to Top:						
KOP (ft):	6,700							
Build Section:	Main							
Deviation:	1.18							
TVD @ TD (ft):	6,700							
Average TVD (ft):	6,700							
Bottom Hole Loc:	50' FNL & 2310' FEL SEC 8							
PBTD (ft):	6,700							

Perforation Summary										Plug Detail			
Stage #	Date	Top (ft)	Bottom (ft)	# Perf	SPF	Perf Size (in)	Phasing	Clusters	Cluster Spc (ft)	Depth (ft)	OD (in)	Rating (psi)	Type

Stimulation Data												
Stage	Acid Vol (bbl)	Fluid Volume (bbl)	Prop Total (lbs)	Max Prop Conc (lb/gal)	Max Pressure (psi)	Max Rate (bpm)	Average Pressure (psi)	Average Rate (bpm)	Frac Gradient (psi/ft)	ISIP (psi)	5 min (psi)	Comments

Operations Summary						Activity Last 24 hours						
From	To	HRS	Ph	Op								
06:00	06:00	24.00	COMP	FB		Choke: 128/64" Adj flowing through gut of manifold 2" Tubing Pressure: 3900 psi Casing Pressure: 155 psi BWPH: 106 bbls BW last 5 hrs: 518 bbls BOPH 3 bbls. BO last 5 hrs: 12 bbls Gas N/A Chlorides: 63,998 ppm% Water Weight: 8.9 ppg Water Recovered: 11.18 %TOR: 127 Oil API: 27 @ 60 DegH2S: n/aCO2: n/a TW to be recovered: 202,861 bblsSand/Solids Presence: None Injection Rate: 0 bph Jet Pump Vessel Pressure: 0 psiSeparator Vessel Pressure: n/aFlow path of oil/water and gas: Wellhead-Sand Separator-Manifold-Jet Pump Vessel-Tanks Total Water previous 24 hr: 2,387 Total Oil previous 24 hr: 58 Total Gas previous 24 hr: n/a						
		24.00										

GENERAL COMMENTS :



DAILY COMPLETION AND WORKOVER REPORT

UNIVERSITY 12-17 1H

DATE : 05/30/2012

EVENT #

Well:	UNIVERSITY 12-17 1H	Report by:	CALVIN TURNER	AFE C Total:	\$4,618,900
API #:	4238337579	Report #:	9	Daily Cost:	\$12,965
REGION:	MID-CON REGION	AFE#:	11DC114542	Cum DRLG:	\$5,745,821
FIELD:	SOUTH MIDLAND	AFE Total:	\$9,639,700	Comp/WO (Event 2 or 4):	\$5,854,614
State:	TEXAS	WI%:	100.000	Cum Fac Const (Event 3):	
County/Parish:	REAGAN	% AFE Spent:	121.90%	Cum Total Spent:	\$11,750,676

24 Hrs SUMMARY:	Jet pump well through test equipment to flowback tank.				
Current Activity:	Choke: 128/64" Adj flowing through gut of manifold 2" Tubing Pressure: 3900 psi Casing Pressure: 140 psi BWPH: 100 bbls BW last 5 hrs: 487 bbls BOPH 2 bbls. BO last 5 hrs: 9 bbls Gas N/A Chlorides: 62,813 ppm, Water Weight: 8.9 ppg Water Recovered: 27,935 bbls, % water recovered 12.23 % TOR: 153 Oil API: 29 @ 60 DegH2S: n/a, CO2: n/a TW to be recovered: 200,452 bbls, Sand/Solids Presence: None, Injection Rate: 61 bph Jet Pump Vessel Pressure: 65 psi, Separator Vessel Pressure: n/a Flow path of oil/water and gas: Wellhead-Sand Separator-Manifold-Jet Pump Vessel-Tanks Total Water previous 24 hr: 2,409 Total Oil previous 24 hr: 26 Total Gas previous 24 hr: n/a				
Forecast:	Jet pump well through flowback equipment to flowback tank.				
Accident/Spill(Y/N):	N	Description:			

Casing Data												
Section	Size (in)	Depth (ft)	Weight (lbs/ft)	Grade	Conn	ID (in)	Drift	Burst (psi)	Collapse	Tension	TOC (ft)	Comments
Surface	13.375	983	54.500	J-55	BTC	12.615	12.460	2,730	1,130	853,000	0	
Other Production	5.500	6,485 14,260	17.000	P-110	LTC	4.892		0	0	0	0	

Wellbore Detail		Wellhead Detail		BHA Summary					
Horizontal/Vertical:	HORIZONTAL	A Sec:	13 3/8" SOW x 13 5/8" 5M	BHA #					
KB (ft):	2805.92	B Sec:	13 5/8" 5M x 11" 5M	Qty	Description	O.D. (in)	I.D. (in)	Length (ft)	
GL (ft):	2777.92	C Sec:	11" 5M x 7 1/16" 10M						
KB-GL (ft):	28.00	Valve Detail Bottom to Top:							
KOP (ft):	6,700								
Build Section:	Main								
Deviation:	1.18								
TVD @ TD (ft):	6,700								
Average TVD (ft):	6,700								
Bottom Hole Loc:	50' FNL & 2310' FEL SEC 8								
PBTD (ft):	6,700								

Perforation Summary										Plug Detail			
Stage #	Date	Top (ft)	Bottom (ft)	# Perf	SPF	Perf Size (in)	Phasing	Clusters	Cluster Spc (ft)	Depth (ft)	OD (in)	Rating (psi)	Type

Stimulation Data												
Stage	Acid Vol (bbl)	Fluid Volume (bbl)	Prop Total (lbs)	Max Prop Conc (lb/gal)	Max Pressure (psi)	Max Rate (bpm)	Average Pressure (psi)	Average Rate (bpm)	Frac Gradient (psi/ft)	ISIP (psi)	5 min (psi)	Comments

Operations Summary						Activity Last 24 hours						
From	To	HRS	Ph	Op								
06:00	06:00	24.00	COMP	FB		Choke: 128/64" Adj flowing through gut of manifold 2" Tubing Pressure: 3900 psi Casing Pressure: 140 psi BWPH: 100 bbls BW last 5 hrs: 487 bbls BOPH 2 bbls. BO last 5 hrs: 9 bbls Gas N/A Chlorides: 62,813 ppm, Water Weight: 8.9 ppg Water Recovered: 27,935 bbls, % water recovered 12.23 %TOR: 153 Oil API: 29 @ 60 Deg, H2S: n/a, CO2: n/a, TW to be recovered: 200,452 bbls, Sand/Solids Presence: None Injection Rate: 61 bph Jet Pump Vessel Pressure: 65 psi, Separator Vessel Pressure: n/aFlow path of oil/water and gas: Wellhead-Sand Separator-Manifold-Jet Pump Vessel-Tanks Total Water previous 24 hr: 2,387 Total Oil previous 24 hr: 58 Total Gas previous 24 hr: n/a						
		24.00										

GENERAL COMMENTS :
JSA Safety meeting. Topic: Slips, trips and falls, pinch points and high pressure, 2 MI Swaco hands



DAILY COMPLETION AND WORKOVER REPORT

UNIVERSITY 12-17 1H

DATE : 05/31/2012

EVENT #

Well:	UNIVERSITY 12-17 1H	Report by:	CALVIN TURNER	AFE C Total:	\$4,618,900
API #:	4238337579	Report #:	10	Daily Cost:	\$56,946
REGION:	MID-CON REGION	AFE#:	11DC114542	Cum DRLG:	\$5,745,821
FIELD:	SOUTH MIDLAND	AFE Total:	\$9,639,700	Comp/WO (Event 2 or 4):	\$5,911,560
State:	TEXAS	WI%:	100.000	Cum Fac Const (Event 3):	
County/Parish:	REAGAN	% AFE Spent:	122.49%	Cum Total Spent:	\$11,807,623

24 Hrs SUMMARY:	Jet pump well through test equipment to flowback tank.				
Current Activity:	Choke: 128/64" Adj flowing through gut of manifold 2" Tubing Pressure: 3900 psi Casing Pressure: 130 psi BWPH: 82 bbls BW last 5 hrs: 409 bbls BOPH 2 bbls. BO last 5 hrs: 13 bbls Gas N/A Chlorides: 62,813 ppm, Water Weight: 8.9 ppg Water Recovered: 29,944 bbls, % water recovered 13.11 % TOR: 199 Oil API: 31 @ 60 DegH2S: n/a, CO2: n/a TW to be recovered: 198,443 bbls, Sand/Solids Presence: None, Injection Rate: 62 bph Jet Pump Vessel Pressure: 60 psi, Separator Vessel Pressure: n/a Flow path of oil/water and gas: Wellhead-Sand Separator-Manifold-Jet Pump Vessel-Tanks Total Water previous 24 hr: 2,009 Total Oil previous 24 hr: 46 Total Gas previous 24 hr: n/a				
Forecast:	Jet pump well through test equipment to flowback tank.				
Accident/Spill(Y/N):	N	Description:			

Casing Data												
Section	Size (in)	Depth (ft)	Weight (lbs/ft)	Grade	Conn	ID (in)	Drift	Burst (psi)	Collapse	Tension	TOC (ft)	Comments
Surface	13.375	983	54.500	J-55	BTC	12.615	12.460	2,730	1,130	853,000	0	
Other Production	5.500	6,485 14,260	17.000	P-110	LTC	4.892		0	0	0	0	

Wellbore Detail		Wellhead Detail		BHA Summary				
Horizontal/Vertical:	HORIZONTAL	A Sec:	13 3/8" SOW x 13 5/8" 5M	BHA #				
KB (ft):	2805.92	B Sec:	13 5/8" 5M x 11" 5M	Qty	Description	O.D. (in)	I.D. (in)	Length (ft)
GL (ft):	2777.92	C Sec:	11" 5M x 7 1/16" 10M					
KB-GL (ft):	28.00	Valve Detail Bottom to Top:						
KOP (ft):	6,700							
Build Section:	Main							
Deviation:	1.18							
TVD @ TD (ft):	6,700							
Average TVD (ft):	6,700							
Bottom Hole Loc:	50' FNL & 2310' FEL SEC 8							
PBTD (ft):	6,700							

Perforation Summary										Plug Detail			
Stage #	Date	Top (ft)	Bottom (ft)	# Perf	SPF	Perf Size (in)	Phasing	Clusters	Cluster Spc (ft)	Depth (ft)	OD (in)	Rating (psi)	Type

Stimulation Data													
Stage	Acid Vol (bbl)	Fluid Volume (bbl)	Prop Total (lbs)	Max Prop Conc (lb/gal)	Max Pressure (psi)	Max Rate (bpm)	Average Pressure (psi)	Average Rate (bpm)	Frac Gradient (psi/ft)	ISIP (psi)	5 min (psi)	Comments	

Operations Summary						Activity Last 24 hours	
From	To	HRS	Ph	Op			
06:00	06:00	24.00	COMP	FB		Choke: 128/64" Adj flowing through gut of manifold 2" Tubing Pressure: 3900 psi Casing Pressure: 130 psi BWPH: 82 bbls BW last 5 hrs: 409 bbls BOPH 2 bbls. BO last 5 hrs: 13 bbls Gas N/A Chlorides: 62,813 ppm, Water Weight: 8.9 ppg Water Recovered: 29,944 bbls, % water recovered 13.11 %TOR: 199 Oil API: 31 @ 60 Deg, H2S: n/a, CO2: n/a, TW to be recovered: 198,443 bbls, Sand/Solids Presence: None Injection Rate: 62 bph Jet Pump Vessel 60 Pressure: 65 psi, Separator Vessel Pressure: n/aFlow path of oil/water and gas: Wellhead-Sand Separator-Manifold-Jet Pump Vessel-Tanks Total Water previous 24 hr: 2,387 Total Oil previous 24 hr: 58 Total Gas previous 24 hr: n/a	
		24.00					

GENERAL COMMENTS :
JSA Safety meeting. Topic: Slips, trips and falls, pinch points and high pressure, 2 MI Swaco hands

DAILY COMPLETION AND WORKOVER REPORT
UNIVERSITY 12-17 1H

DATE : 06/01/2012

EVENT #

Well:	UNIVERSITY 12-17 1H	Report by:	CALVIN TURNER	A/E C Total:	\$4,618,900
API #:	4238337579	Report #:	11	Daily Cost:	\$12,565
REGION:	MID-CON REGION	A/E#:	11DC114542	Cum DRLG:	\$5,745,821
FIELD:	SOUTH MIDLAND	A/E Total:	\$9,639,700	Comp/WO (Event 2 or 4):	\$5,924,125
State:	TEXAS	W1%:	100.000	Cum Fac Const (Event 3):	
County/Parish:	REAGAN	% A/E Spent:	122.62%	Cum Total Spent:	\$11,820,188

24 Hrs SUMMARY:	Jet pump well through test equipment to flowback tank.		
Current Activity:	Choke: 128/64" Adj flowing through gut of manifold 2" Tubing Pressure: 3900 psi Casing Pressure: 180 psi BWPH: 70 bbls BW last 5 hrs: 352 bbls BOPH 0 bbls. BO last 5 hrs: 0 bbls Gas 56 Chlorides: 61,628 ppm, Water Weight: 8.9 ppg Water Recovered: 31,758 bbls. % water recovered 13.91 % TOR: 207 Oil API: 31 @ 60 Deg, H2S: n/a, CO2: n/a TW to be recovered: 196,629 bbls, Sand/Solids Presence: None, Injection Rate: 63 bph Jet Pump Vessel Pressure: 135 psi, Separator Vessel Pressure: 109 Flow path of oil/water and gas: Wellhead-Sand Separator-Manifold-Jet Pump Vessel-Tanks Total Water previous 24 hr: 1814 Total Oil previous 24 hr: 8 Total Gas previous 24 hr: 31		
Forecast:	Jet pump well through test equipment to flowback tank.		
Accident/Spill(Y/N):	N	Description:	

[illegible]

Wellbore Detail		Wellhead Detail		BHA Summary				
Horizontal/Vertical:	HORIZONTAL	A Sec:	13 3/8" SOW x 13 5/8" 5M	BHA #				
KB (ft):	2805.92	B Sec:	13 5/8" 5M x 11" 5M	Qty	Description	O.D. (in)	I.D. (in)	Length (ft)
GL (ft):	2777.92	C Sec:	11" 5M x 7 1/16" 10M					
KB-GL (ft):	28.00	Valve Detail Bottom to Top:						
KOP (ft):	6,700							
Build Section:	Main							
Deviation:	1.18							
TVD @ TD (ft):	6,700							
Average TVD (ft):	6,700							
Bottom Hole Loc:	50' FNL & 2310' FEL SEC 8							
PBTD (ft):	6,700							

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Operations Summary					
From	To	HRS	Ph	Op	Activity Last 24 hours
06:00	06:00	24.00	COMP	FB	Choke: 128/64" Adj flowing through gut of manifold 2" Tubing Pressure: 3900 psi Casing Pressure: 180 psi BWP/H: 70 bbls BW last 5 hrs: 352 bbls BOPH 0 bbls. BO last 5 hrs: 0 bbls Gas 56 Chlorides: 61,628 ppm, Water Weight: 8.9 ppg Water Recovered: 31,758 bbls, % water recovered 13.91 %TOR: 207 Oil API: 31 @ 60 Deg. H2S: n/a, CO2: n/a, TW to be recovered: 196,629 bbls, Sand/Solids Presence: None Injection Rate: 63 bph Jet Pump Vessel 135 psi Pressure: 65 psi, Separator Vessel Pressure: n/aFlow path of oil/water and gas: Wellhead-Sand Separator-Manifold-Jet Pump Vessel-Tanks Total Water previous 24 hr: 2,387 Total Oil previous 24 hr: 58 Total Gas previous 24 hr: n/a
		24.00			

GENERAL COMMENTS :

JSA Safety meeting. Topic: High pressure, and how critical it is to watch fluid levels on test separator because you could send oil to your flare stack and cause a disaster. In attendance 2 MI Swaco

DAILY COMPLETION AND WORKOVER REPORT
UNIVERSITY 12-17 1H

DATE : 06/03/2012

EVENT #

Well:	UNIVERSITY 12-17 1H	Report by:	CALVIN TURNER	A/E C Total:	\$4,618,900
API #:	4238337579	Report #:	13	Daily Cost:	\$12,565
REGION:	MID-CON REGION	A/E#:	11DC114542	Cum DRLG:	\$5,745,821
FIELD:	SOUTH MIDLAND	A/E Total:	\$9,639,700	Comp/WO (Event 2 or 4):	\$6,006,335
State:	TEXAS	W1%:	100.000	Cum Fac Const (Event 3):	
County/Parish:	REAGAN	% A/E Spent:	123.47%	Cum Total Spent:	\$11,902,398

24 Hrs SUMMARY:	Jet pump well through test equipment to flowback tank.	
Current Activity:	Choke: 128/64" Adj flowing through gut of manifold 2" Tubing Pressure: 3900 psi Casing Pressure: 180 psi BWPH: 70 bbls BW last 5 hrs: 352 bbls	
Forecast:	Jet pump well through test equipment to flowback tank.	
Accident/Spill(Y/N):	N	Description:

[illegible]

Wellbore Detail		Wellhead Detail		BHA Summary				
Horizontal/Vertical:	HORIZONTAL	A Sec:	13 3/8" SOW x 13 5/8" 5M	BHA #				
KB (ft):	2805.92	B Sec:	13 5/8" 5M x 11" 5M	Qty	Description	O.D. (in)	I.D. (in)	Length (ft)
GL (ft):	2777.92	C Sec:	11" 5M x 7 1/16" 10M					
KB-GL (ft):	28.00	Valve Detail Bottom to Top:						
KOP (ft):	6,700							
Build Section:	Main							
Deviation:	1.18							
TVD @ TD (ft):	6,700							
Average TVD (ft):	6,700							
Bottom Hole Loc:	50' FNL & 2310' FEL SEC 8							
PBTD (ft):	6,700							

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Operations Summary				
From	To	HRS	Ph	Op
06:00	06:00	24.00	COMP	FB
				<p>Choke: 128/64" Adj flowing through gut of manifold 2" Tubing Pressure: 3900 psi Casing Pressure: 180 psi BWP/H: 75 bbls BW last 5 hrs: 370 bbls BOPH 1 bbls. BO last 5 hrs: 8 bbls Gas 50 Chlorides: 61,628 ppm, Water Weight: 8.9 ppg Water Recovered: 32,361 bbls, % water recovered 14.17 %TOR: 228 Oil API: 34.5 @ 60 Deg, H2S: n/a, CO2: n/a, TW to be recovered: 196,026 bbls, Sand/Solids Presence: None Injection Rate: 63 bph Jet Pump Vessel 132 psi Pressure: 109 psi, Separator Vessel Pressure: n/aFlow path of oil/water and gas: Wellhead-Sand Separator-Manifold-Jet Pump Vessel-Tanks Total Water previous 24 hr: 2,387 Total Oil previous 24 hr: 58 Total Gas previous 24 hr: n/a</p>
		24.00		

GENERAL COMMENTS :



DAILY COMPLETION AND WORKOVER REPORT

UNIVERSITY 12-17 1H

DATE : 06/04/2012

EVENT #

Well:	UNIVERSITY 12-17 1H	Report by:	CALVIN TURNER	AFE C Total:	\$4,618,900
API #:	4238337579	Report #:	14	Daily Cost:	\$12,565
REGION:	MID-CON REGION	AFE#:	11DC114542	Cum DRLG:	\$5,745,821
FIELD:	SOUTH MIDLAND	AFE Total:	\$9,639,700	Comp/WO (Event 2 or 4):	\$6,025,300
State:	TEXAS	WI%:	100.000	Cum Fac Const (Event 3):	
County/Parish:	REAGAN	% AFE Spent:	123.67%	Cum Total Spent:	\$11,921,363

24 Hrs SUMMARY:	Jet pump well through test equipment to flowback tank.				
Current Activity:	Choke: 128/64" Adj flowing through gut of manifold 2" Tubing Pressure: 3900 psi Casing Pressure: 180 psi BWPH: 70 bbls BW last 5 hrs: 352 bbls				
Forecast:	Jet pump well through test equipment to flowback tank.				
Accident/Spill(Y/N):	N	Description:			

Casing Data												
Section	Size (in)	Depth (ft)	Weight (lbs/ft)	Grade	Conn	ID (in)	Drift	Burst (psi)	Collapse	Tension	TOC (ft)	Comments
Surface	13.375	983	54.500	J-55	BTC	12.615	12.460	2,730	1,130	853,000	0	
Other Production	5.500	6,485 14,260	17.000	P-110	LTC	4.892		0	0	0	0	

Wellbore Detail		Wellhead Detail		BHA Summary				
Horizontal/Vertical:	HORIZONTAL	A Sec:	13 3/8" SOW x 13 5/8" 5M	BHA #				
KB (ft):	2805.92	B Sec:	13 5/8" 5M x 11" 5M	Qty	Description	O.D. (in)	I.D. (in)	Length (ft)
GL (ft):	2777.92	C Sec:	11" 5M x 7 1/16" 10M					
KB-GL (ft):	28.00	Valve Detail Bottom to Top:						
KOP (ft):	6,700							
Build Section:	Main							
Deviation:	1.18							
TVD @ TD (ft):	6,700							
Average TVD (ft):	6,700							
Bottom Hole Loc:	50' FNL & 2310' FEL SEC 8							
PBTD (ft):	6,700							

Perforation Summary										Plug Detail			
Stage #	Date	Top (ft)	Bottom (ft)	# Perf	SPF	Perf Size (in)	Phasing	Clusters	Cluster Spc (ft)	Depth (ft)	OD (in)	Rating (psi)	Type

Stimulation Data													
Stage	Acid Vol (bbl)	Fluid Volume (bbl)	Prop Total (lbs)	Max Prop Conc (lb/gal)	Max Pressure (psi)	Max Rate (bpm)	Average Pressure (psi)	Average Rate (bpm)	Frac Gradient (psi/ft)	ISIP (psi)	5 min (psi)	Comments	

Operations Summary						Activity Last 24 hours							
From	To	HRS	Ph	Op									
06:00	06:00	24.00	COMP	FB		Choke: 128/64" Adj flowing through gut of manifold 2" Tubing Pressure: 3875 psi Casing Pressure: 175 psi BWPH: 67 bbls BW last 5 hrs: 327 bbls BOPH 0 bbls. BO last 5 hrs: 1 bbls Gas 48 Chlorides: 65,185 ppm, Water Weight: 8.9 ppg Water Recovered: 34,787 bbls, % water recovered 15.23 %TOR: 249 Oil API: 34.9 @ 60 Deg, H2S: n/a, CO2: n/a, TW to be recovered: 193,600 bbls, Sand/Solids Presence: None Injection Rate: 63 bph Jet Pump Vessel 130 psi, Separator Vessel Pressure: 65 Flow path of oil/water and gas: Wellhead-Sand Separator-Manifold-Jet Pump Vessel-Tanks Total Water previous 24 hr: 2,387 Total Ovious 24 hr: 58 Total Gas previous 24 hr: n/a							
		24.00											

GENERAL COMMENTS :

DAILY COMPLETION AND WORKOVER REPORT
UNIVERSITY 12-17 1H

DATE : 06/07/2012

EVENT #

Well:	UNIVERSITY 12-17 1H	Report by:	CALVIN TURNER	AFE C Total:	\$4,618,900
API #:	4238337579	Report #:	17	Daily Cost:	\$14,365
REGION:	MID-CON REGION	AFE#:	11DC114542	Cum DRLG:	\$5,745,821
FIELD:	SOUTH MIDLAND	AFE Total:	\$9,639,700	Comp/WO (Event 2 or 4):	\$6,125,438
State:	TEXAS	W1%:	100.000	Cum Fac Const (Event 3):	
County/Parish:	REAGAN	% AFE Spent:	124.71%	Cum Total Spent:	\$12,021,501

24 Hrs SUMMARY:	Jet pump well through test equipment to flowback tank.	
Current Activity:	CHOKE: 128/64" Adj flowing through gut of manifold 2" Tubing Pressure: 3775 psi Casing Pressure: 165 psi BWPB: 54 bbls BW last 5 HRS 269, BOPH 2, BO LAST 5 HRS 9, GAS 48 MCFPD. Chlorides 65,185, Water weight 9.0 ppg, TWR 39,926, % Wtr rec 17.48%, TOR 460bbls, oil api 36 @ 60 deg, H2S NA, Co2 NA, TW to be rec 188,461 bbls, Jet pump vessel pressure 130 psi, Separator pressure 110 psi, Total water prev 24 hrs 1162 bbls, Total oil last 24 hrs 51 bbls, total gas last 24 hrs 52 mcfpd	
Forecast:	Jet pump well through test equipment to flowback tank.	
Accident/Spill(Y/N):	N	Description:

[illegible]

Wellbore Detail		Wellhead Detail		BHA Summary				
Horizontal/Vertical:	HORIZONTAL	A Sec:	13 3/8" SOW x 13 5/8" 5M	BHA #				
KB (ft):	2805.92	B Sec:	13 5/8" 5M x 11" 5M	Qty	Description	O.D. (in)	I.D. (in)	Length (ft)
GL (ft):	2777.92	C Sec:	11" 5M x 7 1/16" 10M					
KB-GL (ft):	28.00	Valve Detail Bottom to Top:						
KOP (ft):	6,700							
Build Section:	Main							
Deviation:	1.18							
TVD @ TD (ft):	6,700							
Average TVD (ft):	6,700							
Bottom Hole Loc:	50' FNL & 2310' FEL SEC 8							
PBTD (ft):	6,700							

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Operations Summary					
From	To	HRS	Ph	Op	Activity Last 24 hours
06:00	06:00	24.00	COMP	FB	Choke: 128/64" Adj flowing through gut of manifold 2" Tubing Pressure: 3775 psi Casing Pressure: 165 psi BWP/ 54 bbls BW last 5 hrs: 269 bbls, BOPH 2 bbls. BO last 5 hrs: 9 bbls Gas 48 Chlorides: 65,185 ppm, Water Weight: 9.0 ppg, Water Recovered: 39,926 bbls, % water recovered 17.48 %, TOR: 460 Oil API: 36 @ 60 Deg, H2S: n/ a, CO2: n/a, TW to be recovered: 188,461 bbls, Sand/Solids Presence: None Injection Rate: 63 bph Jet Pump jet pressure 130 psi, separator pressure 110 psi, Total water last 24 hrs 1201, Total oil last 24 hrs 31 bbls
		24.00			

GENERAL COMMENTS :

JSA Safety meeting. Topic: Slips, trips and falls, pinch points and high pressure, keep location clean, drink plenty wtr 4 Swaco attended.

DAILY COMPLETION AND WORKOVER REPORT
UNIVERSITY 12-17 1H

DATE : 06/09/2012

EVENT #

Well:	UNIVERSITY 12-17 1H	Report by:	RON URMY	AFE C Total:	\$4,618,900
API #:	4238337579	Report #:	19	Daily Cost:	\$20,605
REGION:	MID-CON REGION	AFE#:	11DC114542	Cum DRLG:	\$5,745,821
FIELD:	SOUTH MIDLAND	AFE Total:	\$9,639,700	Comp/WO (Event 2 or 4):	\$6,183,438
State:	TEXAS	WI%:	100.000	Cum Fac Const (Event 3):	
County/Parish:	REAGAN	% AFE Spent:	125.51%	Cum Total Spent:	\$12,098,424

24 Hrs SUMMARY:	Attempted to run jet pump carrier on slick line- hit obstruction inside tubing, reverse circulate well overnight to clean out tubing		
Current Activity:	Run gage ring junk baskets to insure tubing is clear		
Forecast:	Run in and set jet pump carrier and start lifting well		
Accident/Spill(Y/N):	N	Description:	

[illegible]

Wellbore Detail		Wellhead Detail		BHA Summary				
Horizontal/Vertical:	HORIZONTAL	A Sec:	13 3/8" SOW x 13 5/8" 5M	BHA #				
KB (ft):	2805.92	B Sec:	13 5/8" 5M x 11" 5M	Qty	Description	O.D. (in)	I.D. (in)	Length (ft)
GL (ft):	2777.92	C Sec:	11" 5M x 7 1/16" 10M					
KB-GL (ft):	28.00	Valve Detail Bottom to Top:						
KOP (ft):	6,700							
Build Section:	Main							
Deviation:	1.18							
TVD @ TD (ft):	6,700							
Average TVD (ft):	6,700							
Bottom Hole Loc:	50' FNL & 2310' FEL SEC 8							
PBTD (ft):	6,700							

[illegible][illegible]

Operations Summary					
From	To	HRS	Ph	Op	Activity Last 24 hours
06:00	07:00	1.00	COMP	FB	Circulate well down tubing and up csg annulus.
07:00	07:30	0.50	COMP	SM	JSA meeting with; SLB, Wolf, MiSwaco and P&W 7 in attendance- re; stay away from wire while running and stay away while pressure testing lube.
07:30	14:00	6.50	COMP	OT	Call in and discuss job- decided to run GR/JB found SLB did not have one on truck ordered one out. When it arrived the xo was incorrect from 3rd party vendor (new tool). Discuss with office- decided to run jet pump carrier.
14:00	15:30	1.50	COMP	WLRIH	Make up jet pump carrier on SL, 1 1/2 " OD rope skt, 1 1/2" WB, spangs jar and running tool. Make up carrier in lube, stab lube and test to 250/3500 psi. Bled off, OW and RIH tools slowed @ 3400' and stopped @ 3640' on unknown obstruction.
15:30	16:30	1.00	COMP	WLPOOH	POOH w/ SL, left 7 of the packing seals in the hole-Call in and discuss- decided to re route FB lines to reverse circ well overnight. Release SL and test personnel for day.
16:30	17:30	1.00	COMP	FB	Rig FB lines to reverse circ.
17:30	06:00	12.50	COMP	FB	Start pump and displace dirty fluid with 120 bbls clean water, circ to pit. Fill vessel with clean fluid and leave pump circ for night 1 bpm @ 125 psi inj. Circ in closed loop. Filters in system should catch any additional debris coming out of well.
		24.00			

GENERAL COMMENTS :



DAILY COMPLETION AND WORKOVER REPORT

UNIVERSITY 12-17 1H

DATE : 06/10/2012

EVENT #

Well:	UNIVERSITY 12-17 1H	Report by:	RON URMY	AFE C Total:	\$4,618,900
API #:	4238337579	Report #:	20	Daily Cost:	\$28,665
REGION:	MID-CON REGION	AFE#:	11DC114542	Cum DRLG:	\$5,745,821
FIELD:	SOUTH MIDLAND	AFE Total:	\$9,639,700	Comp/WO (Event 2 or 4):	\$6,218,708
State:	TEXAS	WI%:	100.000	Cum Fac Const (Event 3):	
County/Parish:	REAGAN	% AFE Spent:	125.87%	Cum Total Spent:	\$12,133,694

24 Hrs SUMMARY: Run gauge ring and bailer on slick line, Install jet lift carrier and start lifting well.

Current Activity: Choke: 128/64" Adj Open through gut of manifold 2"

Forecast: Continue to lift well

Accident/Spill(Y/N): N Description:

Casing Data												
Section	Size (in)	Depth (ft)	Weight (lbs/ft)	Grade	Conn	ID (in)	Drift	Burst (psi)	Collapse	Tension	TOC (ft)	Comments
Surface	13.375	983	54.500	J-55	BTC	12.615	12.460	2,730	1,130	853,000	0	
Other Production	5.500	6,485 14,260	17.000	P-110	LTC	4.892		0	0	0	0	

Wellbore Detail		Wellhead Detail		BHA Summary				
Horizontal/Vertical:	HORIZONTAL	A Sec:	13 3/8" SOW x 13 5/8" 5M	BHA #				
KB (ft):	2805.92	B Sec:	13 5/8" 5M x 11" 5M	Qty	Description	O.D. (in)	I.D. (in)	Length (ft)
GL (ft):	2777.92	C Sec:	11" 5M x 7 1/16" 10M					
KB-GL (ft):	28.00	Valve Detail Bottom to Top:						
KOP (ft):	6,700							
Build Section:	Main							
Deviation:	1.18							
TVD @ TD (ft):	6,700							
Average TVD (ft):	6,700							
Bottom Hole Loc:	50' FNL & 2310' FEL SEC 8							
PBTD (ft):	6,700							

Perforation Summary										Plug Detail			
Stage #	Date	Top (ft)	Bottom (ft)	# Perf	SPF	Perf Size (in)	Phasing	Clusters	Cluster Spc (ft)	Depth (ft)	OD (in)	Rating (psi)	Type

Stimulation Data													
Stage	Acid Vol (bbl)	Fluid Volume (bbl)	Prop Total (lbs)	Max Prop Conc (lb/gal)	Max Pressure (psi)	Max Rate (bpm)	Average Pressure (psi)	Average Rate (bpm)	Frac Gradient (psi/ft)	ISIP (psi)	5 min (psi)	Comments	

Operations Summary					
From	To	HRS	Ph	Op	Activity Last 24 hours
06:00	07:00	1.00	COMP	FB	Continue to reverse circulate well.
07:00	07:30	0.50	COMP	SM	JSA meeting re; share load while lifting, stay away from SL while RIH/OOH, 8 in attendance from; P&W, MISwaco, Wolf, BHP and SLB
07:30	08:30	1.00	COMP	WLRIH	Make up tools in lube stab and test lube, RIH w; 2.347" gage ring, 1.75 wb x 3', 1.75"spangs, 1.5" spring jar, 3 x 5' WB and rope socket, no obstructions to top of x profile @ 6662', POOH.
08:30	10:00	1.50	COMP	OT	Discuss job w/office. Decided to run 2." OD bailer w/ chisel nose to clean out debris from top of check valve @ 6703' TM
10:00	12:45	2.75	COMP	WLRIH	Make up chisel nose bailer 2" OD x 15 1/2', 1.75" x 5.25' spang jar, spring jar 1.5" x 5.75', 3 - 1.75" x 5' wt bars and 1.75" x .5' rope socket. Tag at 6685' SLM (6703' TM) stroke bailer 4 times- POOH. Dump bailer - found 8 pieces of packing and chisel nose showed evidence of tagging top of check valve. Make second bailer run with no recovery.
12:45	14:15	1.50	COMP	WLRIH	Make up jet pump carrier and selective set running tools, on above SL tool string. Test lube and RIH. Go thru first and second profile, tag at 6685' SLM (check valve) cock tool, pull up and set in profile at top of ported sub (jet pump housing). POOH
14:15	15:00	0.75	COMP	WLRD	Rig down SLU
		24.00			

GENERAL COMMENTS :

From	To	HRS	Ph	Op	Activity Last 24 hours
15:00	17:30	2.50	COMP	OT	Started pump and tubing side plugged immediately. Schlumberger did not leave any brass from the running tools in the hole. Reversed the flow and pumped a tubing volume around. Reset lines and start pump.
17:30	06:00	12.50	COMP	FB	Lifting well with jet pump. Choke: 128/64" Adj Open through gut of manifold 2" Tubing Pressure: 3825 psi Casing Pressure: 160 psi BWPH: 62 bbls BW last 5 hrs: 316 bbls BOPH: 0 bbls BO last 5 hrs: 0 bbls Gas: 29 MCFD Chlorides: 63998 ppm Water Weight: 1.080 ppg TWR: 40,993 bbls % Water Recovered: 17.95 % TOR: Oil API: n/a H2S: n/a CO2: n/a TW to be recovered: 189,430 bbls Sand/Solids Presence: None Injection Rate: n/a Jet Pump Vessel Pressure: 32 psi Separator Vessel Pressure: 0 psi Flow path of oil/water and gas: Wellhead-Sand Separator-Manifold-Jet Pump Vessel-Tanks
		24.00			

DAILY COMPLETION AND WORKOVER REPORT
UNIVERSITY 12-17 1H

DATE : 06/11/2012

EVENT #

Well:	UNIVERSITY 12-17 1H	Report by:	JOE BURLESON	A/E C Total:	\$4,618,900
API #:	4238337579	Report #:	21	Daily Cost:	\$14,245
REGION:	MID-CON REGION	A/E#:	11DC114542	Cum DRLG:	\$5,745,821
FIELD:	SOUTH MIDLAND	A/E Total:	\$9,639,700	Comp/WO (Event 2 or 4):	\$6,232,953
State:	TEXAS	W1%:	100.000	Cum Fac Const (Event 3):	
County/Parish:	REAGAN	% A/E Spent:	126.02%	Cum Total Spent:	\$12,147,939

24 Hrs SUMMARY:	Jet pump well thru separator		
Current Activity:	Pump down due to relief valve malfunction. Will update on ETA of relief valve change out		
Forecast:	Change out relief valve and resume jet pumping well.		
Accident/Spill(Y/N):	N	Description:	

[illegible]

Wellbore Detail		Wellhead Detail		BHA Summary				
Horizontal/Vertical:	HORIZONTAL	A Sec:	13 3/8" SOW x 13 5/8" 5M	BHA #				
KB (ft):	2805.92	B Sec:	13 5/8" 5M x 11" 5M	Qty	Description	O.D. (in)	I.D. (in)	Length (ft)
GL (ft):	2777.92	C Sec:	11" 5M x 7 1/16" 10M					
KB-GL (ft):	28.00	Valve Detail Bottom to Top:						
KOP (ft):	6,700							
Build Section:	Main							
Deviation:	1.18							
TVD @ TD (ft):	6,700							
Average TVD (ft):	6,700							
Bottom Hole Loc:	50' FNL & 2310' FEL SEC 8							
PBTD (ft):	6,700							

[illegible][illegible]

Operations Summary					
From	To	HRS	Ph	Op	Activity Last 24 hours
06:00	06:00	24.00	COMP	FB	Well open to test equipment due to relief valve malfunction. Will update on ETA of repairs.
		24.00			

GENERAL COMMENTS :



DAILY COMPLETION AND WORKOVER REPORT

UNIVERSITY 12-17 1H

DATE : 06/12/2012

EVENT #

Well:	UNIVERSITY 12-17 1H	Report by:	JOE BURLESON	AFE C Total:	\$4,618,900
API #:	4238337579	Report #:	22	Daily Cost:	\$11,245
REGION:	MID-CON REGION	AFE#:	11DC114542	Cum DRLG:	\$5,745,821
FIELD:	SOUTH MIDLAND	AFE Total:	\$9,639,700	Comp/WO (Event 2 or 4):	\$6,244,198
State:	TEXAS	WI%:	100.000	Cum Fac Const (Event 3):	
County/Parish:	REAGAN	% AFE Spent:	126.14%	Cum Total Spent:	\$12,159,184

24 Hrs SUMMARY:	Jet pump well thru test equipment til 10:00 am Shut well in.				
Current Activity:	Well shut in				
Forecast:	Prep for lateral clean out				
Accident/Spill(Y/N):	N	Description:			

Casing Data												
Section	Size (in)	Depth (ft)	Weight (lbs/ft)	Grade	Conn	ID (in)	Drift	Burst (psi)	Collapse	Tension	TOC (ft)	Comments
Surface	13.375	983	54.500	J-55	BTC	12.615	12.460	2,730	1,130	853,000	0	
Other Production	5.500	6,485 14,260	17.000	P-110	LTC	4.892		0	0	0	0	

Wellbore Detail		Wellhead Detail		BHA Summary				
Horizontal/Vertical:	HORIZONTAL	A Sec:	13 3/8" SOW x 13 5/8" 5M	BHA #				
KB (ft):	2805.92	B Sec:	13 5/8" 5M x 11" 5M	Qty	Description	O.D. (in)	I.D. (in)	Length (ft)
GL (ft):	2777.92	C Sec:	11" 5M x 7 1/16" 10M					
KB-GL (ft):	28.00	Valve Detail Bottom to Top:						
KOP (ft):	6,700							
Build Section:	Main							
Deviation:	1.18							
TVD @ TD (ft):	6,700							
Average TVD (ft):	6,700							
Bottom Hole Loc:	50' FNL & 2310' FEL SEC 8							
PBTD (ft):	6,700							

Perforation Summary										Plug Detail			
Stage #	Date	Top (ft)	Bottom (ft)	# Perf	SPF	Perf Size (in)	Phasing	Clusters	Cluster Spc (ft)	Depth (ft)	OD (in)	Rating (psi)	Type

Stimulation Data													
Stage	Acid Vol (bbl)	Fluid Volume (bbl)	Prop Total (lbs)	Max Prop Conc (lb/gal)	Max Pressure (psi)	Max Rate (bpm)	Average Pressure (psi)	Average Rate (bpm)	Frac Gradient (psi/ft)	ISIP (psi)	5 min (psi)	Comments	

Operations Summary						Activity Last 24 hours	
From	To	HRS	Ph	Op			
06:00	10:00	4.00	COMP	FB	Jet pump well		
10:00	06:00	20.00	COMP	SDFN	Well shut in		
		24.00					

GENERAL COMMENTS :



DAILY COMPLETION AND WORKOVER REPORT

UNIVERSITY 12-17 1H

DATE : 06/14/2012

EVENT #

Well:	UNIVERSITY 12-17 1H	Report by:	JOE BURLESON	AFE C Total:	\$4,618,900
API #:	4238337579	Report #:	24	Daily Cost:	\$92,104
REGION:	MID-CON REGION	AFE#:	11DC114542	Cum DRLG:	\$5,745,821
FIELD:	SOUTH MIDLAND	AFE Total:	\$9,639,700	Comp/WO (Event 2 or 4):	\$6,353,547
State:	TEXAS	WI%:	100.000	Cum Fac Const (Event 3):	
County/Parish:	REAGAN	% AFE Spent:	127.27%	Cum Total Spent:	\$12,268,533

24 Hrs SUMMARY:	Move in rig up slick line - pulled jet pump and standing valve. Set PTP - ND production tree and NU BOPE.				
Current Activity:	Nipple up blow out preventers - test and prepare to lay down tubing.				
Forecast:	Lay down tubing and RU CTU.				
Accident/Spill(Y/N):	N	Description:			

Casing Data												
Section	Size (in)	Depth (ft)	Weight (lbs/ft)	Grade	Conn	ID (in)	Drift	Burst (psi)	Collapse	Tension	TOC (ft)	Comments
Surface	13.375	983	54.500	J-55	BTC	12.615	12.460	2,730	1,130	853,000	0	
Other Production	5.500	6,485 14,260	17.000	P-110	LTC	4.892		0	0	0	0	

Wellbore Detail		Wellhead Detail		BHA Summary					
Horizontal/Vertical:	HORIZONTAL	A Sec:	13 3/8" SOW x 13 5/8" 5M	BHA #					
KB (ft):	2805.92	B Sec:	13 5/8" 5M x 11" 5M	Qty	Description	O.D. (in)	I.D. (in)	Length (ft)	
GL (ft):	2777.92	C Sec:	11" 5M x 7 1/16" 10M						
KB-GL (ft):	28.00	Valve Detail Bottom to Top:							
KOP (ft):	6,700								
Build Section:	Main								
Deviation:	1.18								
TVD @ TD (ft):	6,700								
Average TVD (ft):	6,700								
Bottom Hole Loc:	50' FNL & 2310' FEL SEC 8								
PBTD (ft):	6,700								

Perforation Summary										Plug Detail			
Stage #	Date	Top (ft)	Bottom (ft)	# Perf	SPF	Perf Size (in)	Phasing	Clusters	Cluster Spc (ft)	Depth (ft)	OD (in)	Rating (psi)	Type

Stimulation Data													
Stage	Acid Vol (bbl)	Fluid Volume (bbl)	Prop Total (lbs)	Max Prop Conc (lb/gal)	Max Pressure (psi)	Max Rate (bpm)	Average Pressure (psi)	Average Rate (bpm)	Frac Gradient (psi/ft)	ISIP (psi)	5 min (psi)	Comments	

Operations Summary						Activity Last 24 hours	
From	To	HRS	Ph	Op			
06:00	10:15	4.25	COMP	SDFN	Well shut in and awaited WS equipment. Held JSA with WS crew and moved equipment from the University 12-17 #1H.		
10:15	10:30	0.25	COMP	SM	Held JSA with slickline and test crews over SL opts. Topics: HSE Policy - Emergency Procedures - Line of Fire - Pinch Points - Proper Lifting Techniques - Suspended Loads and Pressure.		
10:30	11:45	1.25	COMP	WLRU	SICP - 0 psi. SITP - 0 psi. MIRU SLU and lubricator. MU 2.347" OD GR onto 1-1/2" toolstring with 1-3/8" FN's. OAL = 20.71'. RU lubricator and prepared to test.		
11:45	12:00	0.25	COMP	TE	Filled and tested the lubricator to 250 psi < 5000 psi. Good test on chart and bled to SITP = 0 psi.		
12:00	12:15	0.25	COMP	WLRH	Opened well - RIH with 2.347" OD GR and located the 2.313" ID "X" nipple @ 6,617' WLM. Took delivery of WS equipment.		
12:15	12:30	0.25	COMP	WLPOOH	POOH with 2.347" OD GR.		
12:30	12:45	0.25	COMP	WLRU	SWI - LD 2.347" OD GR and MU 2.5" GS pulling tool. Prepared to test.		
12:45	13:00	0.25	COMP	TE	Filled and tested the lubricator to 250 psi < 5000 psi. Good test on chart and bled to SITP = 0 psi.		
		24.00					

GENERAL COMMENTS :
1015 - 1030
Held JSA with slickline and test crews over SL opts. Topics: HSE Policy - Emergency Procedures - Line of Fire - Pinch Points - Proper Lifting Techniques - Suspended Loads and Pressure.
22 people on location. Pioneer – 6. Moore – 3. 5J – 6. Rig Runner's – 1. Wolf – 2. Cameron – 2. BHP – 2.

From	To	HRS	Ph	Op	Activity Last 24 hours
13:00	13:15	0.25	COMP	WLRIH	Opened well and RIH with 2.5" GS pulling tool. Latched "X" latch jet pump housing - released and pulled from 6,650' WLM.
13:15	13:30	0.25	COMP	WLPOOH	POOH with "X" latch jet pump housing.
13:30	13:45	0.25	COMP	WLRU	SWI - LD "X" latch jet pump housing - MU 2.5" JDC fishing tool and prepared to test.
13:45	14:00	0.25	COMP	TE	Filled and tested the lubricator to 250 psi < 5000 psi. Good test on chart and bled to SITP = 0 psi.
14:00	14:30	0.50	COMP	WLRIH	RIH with 2.5" JDC fishing tool. Latched - equalized - released and pulled the equalizing standing valve from 6,660' SLM.
14:30	15:00	0.50	COMP	WLPOOH	POOH with equalizing standing valve.
15:00	15:15	0.25	COMP	WLRU	SWI - LD equalizing standing valve - MU 2.5" GS running tool with PTP and prepared to test.
15:15	15:30	0.25	COMP	TE	Filled and tested the lubricator to 250 psi < 5000 psi. Good test on chart and bled to SITP = 0 psi.
15:30	16:30	1.00	COMP	WLRIH	RIH with PTP and sat down @ 800' WLM. Worked plug down to 2,700' and decided to POOH.
16:30	17:00	0.50	COMP	WLPOOH	POOH with PTP.
17:00	17:15	0.25	COMP	WLRU	SWI - Inspected PTP for lost rubbers. PTP was intact and all equipment pulled was intact. Decided to flush tubing with brine water and attempt to set PTP after.
17:15	18:00	0.75	COMP	OT	RU pump lines to pump down tubing and waited on brine water to arrive to location.
18:00	18:15	0.25	COMP	SM	Held JSA with night crew and S/L crew.
18:15	20:45	2.50	COMP	OT	Completed RU pump lines. Waited on brine water to arrive.
20:45	21:45	1.00	COMP	TE	Tested pump lines. Tested slick line lubricator.
21:45	22:15	0.50	COMP	KOPS	Pumped 80 bbls of brine water down tubing 2 BPM 450 psi. Tbg = 0 psi (vacuum). SICP = 0 psi.
22:15	23:00	0.75	COMP	WLRIH	Opened well and RIH with "X" latch PTP. Set PTP @ 6,617' WLM.
23:00	23:15	0.25	COMP	WLPOOH	POOH with setting tools.
23:15	00:00	0.75	COMP	WLRD	RDMO SLU and support equipment.
00:00	01:15	1.25	COMP	MIRU	MIRU WSU and support equipment.
01:15	01:45	0.50	COMP	OT	RU well head lubricator with two way check.
01:45	02:00	0.25	COMP	TE	Tested well head lubricator to 250 psi < 5000 psi. Good test on chart.
02:00	02:15	0.25	COMP	OT	Lubricated two way check into hanger.
02:15	02:30	0.25	COMP	TE	Attempted to test two way check to 250 psi < 5000 psi. No Test.
02:30	03:00	0.50	COMP	OT	Pulled two way check with lubricator. Changed packing on two way check. RU lubricator to test.
03:00	03:15	0.25	COMP	TE	Tested well head lubricator to 250 psi < 5000 psi. Good test on chart.
03:15	03:30	0.25	COMP	OT	Lubricated two way check and set in hanger.
03:30	03:45	0.25	COMP	TE	Tested well head lubricator and two way check to 250 psi < 5000 psi. Good test on chart.
03:45	04:00	0.25	COMP	OT	Retracted rod - SWI and RD lubricator.
04:00	04:30	0.50	COMP	OT	Insured tree was bled off and ND.
04:30	05:00	0.50	COMP	FRU	NU 2 x 7-1/16" 10M manual masters and flow cross.
05:00	06:00	1.00	COMP	NU BOP	Began NU BOPE and accumulator lines. Began torquing down at four change.
		24.00			

DAILY COMPLETION AND WORKOVER REPORT
UNIVERSITY 12-17 1H

DATE : 06/15/2012

EVENT #

Well:	UNIVERSITY 12-17 1H	Report by:	DOUG DAVIS	A/E C Total:	\$4,618,900
API #:	4238337579	Report #:	25	Daily Cost:	\$70,589
REGION:	MID-CON REGION	A/E#:	11DC114542	Cum DRLG:	\$5,748,691
FIELD:	SOUTH MIDLAND	A/E Total:	\$9,639,700	Comp/WO (Event 2 or 4):	\$6,428,536
State:	TEXAS	W1%:	100.00%	Cum Fac Const (Event 3):	
County/Parish:	REAGAN	% A/E Spent:	128.08%	Cum Total Spent:	\$12,346,392

24 Hrs SUMMARY:	Laid down production string -		
Current Activity:	Rig down work over rig and U/D BOP. Cleaned out to 10,200' with CT.		
Forecast:	Rig up coil tubing and clean out well.		
Accident/Spill(Y/N):	N	Description:	

[illegible]

Wellbore Detail		Wellhead Detail		BHA Summary				
Horizontal/Vertical:	HORIZONTAL	A Sec:	13 3/8" SOW x 13 5/8" 5M	BHA #				
KB (ft):	2805.92	B Sec:	13 5/8" 5M x 11" 5M	Qty	Description	O.D. (in)	I.D. (in)	Length (ft)
GL (ft):	2777.92	C Sec:	11" 5M x 7 1/16" 10M					
KB-GL (ft):	28.00	Valve Detail Bottom to Top:						
KOP (ft):	6,700							
Build Section:	Main							
Deviation:	1.18							
TVD @ TD (ft):	6,700							
Average TVD (ft):	6,700							
Bottom Hole Loc:	50' FNL & 2310' FEL SEC 8							
PBTD (ft):	6,700							

[illegible][illegible]

Operations Summary					
From	To	HRS	Ph	Op	Activity Last 24 hours
06:00	06:15	0.25	COMP	SM	Held JSA over RU operations and testing. Topics: HSE Policy - Emergency Procedures - Suspended Loads - Line of Fire - Being properly tied off at heights - Pressure - Potential Energy Releases and House Keeping.
06:15	07:45	1.50	COMP	NU BOP	Completed NU BOPE stack - torqued down and function tested.
07:45	10:30	2.75	COMP	TE	PU Testing tool and tested BOPE as: Top 2-7/8 Rams – Outer valves on flow cross and hanger with two-way check. 250 psi<5000 psi Lower 2-7/8 Rams – inside valves on flow cross and bottom 7-1/16" 10M manual master. 250 psi<5000 psi. Blinds – Top 7-1/16" 10M manual master and inside valves on flow cross. 250 psi < 5000 psi. Good tests on chart.
10:30	11:15	0.75	COMP	SERU	RU work floor and function tested tongs. RU LD machine.
11:15	12:30	1.25	COMP	OT	Insured 0 psi on casing - retrieved 2 way check with 0 psi on tubing. PU landing joint and backed out hanger pins.
12:30	12:45	0.25	COMP	OT	PU hanger and VORSI released packer. Pulled hanger to floor - LD landing joint and hanger.
		24.00			

GENERAL COMMENTS :

From	To	HRS	Ph	Op	Activity Last 24 hours
12:45	16:15	3.50	COMP	POOHTBG	POOH LD 204 joints of 2-7/8" 6.5# L80 8rd EUE tubing / 2.313" ID "X" nipple with PTP in place - 1 joint of 2-7/8" 6.5# L80 8rd EUE tubing / Hraco ported sub / 6' x 2-7/8" 6.5# L80 8rd EUE pup joint / GR nipple / 4' x 2-7/8" 6.5# L80 8rd EUE pup joint / Vorsi on/off tool / Vorsi Packer / 6' x 2-3/8" 4.7# L80 8rd EUE pup joint and WLEG. Closed 7-1/16" 10M manual master valve.
16:15	16:30	0.25	COMP	SM	Held JSA over RD operations. Topics:
16:30	17:30	1.00	COMP	SERD	RD work floor and tongs. RD LD machine.
17:30	18:00	0.50	COMP	ND BOP	ND BOPE and accumulator lines.
18:00	18:30	0.50	COMP	SM	Held JSA with night rig crew over RD opts.
18:30	19:15	0.75	COMP	RDMO	Rig down workover rig .
19:15	19:30	0.25	COMP	SM	Held JSA with coil tubing and flow back crew.
19:30	20:30	1.00	COMP	MIRU	Spot coil tubing and crane equipment.
20:30	21:15	0.75	COMP	KOPS	Shut down for lighting. Layed crane down.
21:15	21:45	0.50	COMP	CTRU	Pick up injecting head up.
21:45	22:45	1.00	COMP	KOPS	Shut down for high winds. 30 to 37 mph
22:45	23:45	1.00	COMP	CTRU	Rig up coil tubing. Nipple up coil tubing BOP.
23:45	00:15	0.50	COMP	OT	Fill coil tubing reel w/ 76 bbl of water.
00:15	00:30	0.25	COMP	TE	Test pump line and coil tubing BOP 250 psi low. 7500psi high for 5 min.
00:30	01:00	0.50	COMP	OT	Make up motor BHA .Dual flapper check valve, hydraulic jas,disconnect ,3 1/8 motor w/ 4 5/8 AR mill.
01:00	01:15	0.25	COMP	TE	Test coil tubing lub.
01:15	02:00	0.75	COMP	OT	Broke circulation w/ water and nitrogen.
02:00	03:15	1.25	COMP	CTRIH	Start in hole with coil tubing . Pumping 5.bbl 700SCF/MIN.
03:15	03:45	0.50	COMP	CTST	Make short trip for 7700 ft back to 6700 ft.
03:45	04:30	0.75	COMP	CTST	Ran back down to 8700 ft. Make short tip up to.
04:30	05:45	1.25	COMP	CTST	Make short tip from 10200 ft ,.
05:45	06:00	0.25	COMP	SM	Safety meeting w/ coil tubing .
		24.00			