



APACHE CORPORATION
Daily Drilling Report

WELLBORE NAME THREE BAR SHALLOW UNIT 100H					DATE 04-19-2013	
API # 4200344983 00		24 HRS PROG 0.0 (ft)		TMD 54.0 (ft)		TD TVD 54.0 (ft)
RIG PATTERSON 62		FIELD NAME THREE BAR WICHITA ALBANY		AUTH TMD		PLANNED DOW 29.00 (days)
DFS 0.00 (days)		DOL 0.00 (days)				
SPUD DATE	RIG RELEASE	SUPERVISOR 1 JAMES (MIKE) CAYWOOD (972) 825 - 7721			ENGINEER JEREMY WARD	
PBTMD						
REGION PERMIAN		DISTRICT ANDREWS - TX NCZ		STATE / PROV TEXAS		COUNTY / PARISH ANDREWS
RIG PHONE NO 432-218-4875		RIG FAX NO				
AFE # PA-13-0097-D		AFE COSTS		DAILY COSTS		CUMULATIVE COSTS
DESCRIPTION: D&C A HZ WICH ALBANY WELL		DHC: 2,024,500		DHC: 21,031		DHC: 21,031
		DCC:		DCC:		DCC:
		CWC:		CWC:		CWC:
		Others:		Others:		Others:
		TOTAL: 2,024,500		TOTAL: 21,031		TOTAL: 21,031

DEFAULT DATUM / ELEVATION RKB/RT / 3,372.0 (ft)		LAST SAFETY MEETING		BLOCK		OCSG#		TARGET FORMATION WICHITA ALBANY		BHA HRS OF SERVICE
LAST SURVEY			LAST CSG SHOE TEST (EMW)			LAST CASING			NEXT CASING 20.000 in @ 54.0 ft	
MD	0.0 (ft)	INC	0.00°	AZM	0.00°					

CURRENT OPERATIONS: WAITING ON DAY LIGHT TO CONTINUE RIG MOVE

24 HR SUMMARY: RIGGING DOWN AND TRANSPORTING RIG FROM GERONIMO 28 STATE SWD#2 TO THREE BAR SHALLOW UNIT #100H
DRILL AND SET 20" CONDUCTOR

24 HR FORECAST: CONT. MOVE IN ON AND RIG UP ON THREE BAR SHALLOW UNIT #100H

OPERATION SUMMARY							ACTIVITY SUMMARY
From	To	HRS	Op Phase	Op Code	PT/NPT	NPT CODES	
0:00	7:00	7.00	R-MOB-DEMOB	MOB	PP		RIGGING DOWN ON GERONIMO 28 STATE SWD#2
7:00	9:00	2.00	C-CSG	R_PCSG	PP		DRILL / SET 20" CONDUCTOR
9:00	20:00	11.00	R-MOB-DEMOB	MOB	PP		RIGGING DOWN AND MOVING TO NEW LOCATION
20:00	0:00	4.00	R-MOB-DEMOB	WOD	PP		WAIT ON DAYLIGHT TO CONTINUE MOVE
							HSM: WORKING W/ CRANES / RIG MOVE TRUCKS
							SAFETY WALK ABOUT: TRUCK TRAFFIC CONTROLL ON LOCATION DURING RIG MOVE STRESSED

24.00 = Total Hours Today

06:00 UPDATE

0000-0600 WAITING ON DAY LIGHT TO CONTINUE MOVE IN AND RIG UP ON THREE BAR SHALLOW UNIT #100H

70% RIGGED DOWN
40% MOVED

PERSONNEL DATA					
COMPANY	QTY	HRS	COMPANY	QTY	HRS
PATTERSON TOOL PUSHER	1	24.00	GSM CONSULTING, Inc.	1	24.00
BIG GUNS	6	84.00	STALLION	7	84.00
PATTERSON RIG CREWS	10	120.00	WILBANKS TRUCKING	20	240.00

TOTAL PERSONNEL ON BOARD: 45

TOTAL HOURS ON BOARD: 576

MATERIALS/CONSUMPTION							
ITEM	UNITS	USAGE	ON HAND	ITEM	UNITS	USAGE	ON HAND
DIESEL, RIG FUEL	gal	350	2055				



APACHE CORPORATION
Daily Drilling Report

WELLBORE NAME THREE BAR SHALLOW UNIT 100H	DATE 04-20-2013
---	---------------------------

API # 4200344983 00	24 HRS PROG (ft)	TMD 54.0 (ft)	TD TVD 54.0 (ft)	REPT NO 2
-------------------------------	----------------------------	-------------------------	----------------------------	---------------------

RIG PATTERSON 62	FIELD NAME THREE BAR WICHITA ALBANY	AUTH TMD	PLANNED DOW 29.00 (days)	DFS 0.00 (days)	DOL 0.50 (days)
----------------------------	---	-----------------	------------------------------------	---------------------------	---------------------------

SPUD DATE	RIG RELEASE	SUPERVISOR 1 JAMES (MIKE) CAYWOOD (972) 825 - 7721	ENGINEER JEREMY WARD	PBTMD
------------------	--------------------	--	--------------------------------	--------------

REGION PERMIAN	DISTRICT ANDREWS - TX NCZ	STATE / PROV TEXAS	COUNTY / PARISH ANDREWS	RIG PHONE NO 432--218-4875	RIG FAX NO
--------------------------	-------------------------------------	------------------------------	-----------------------------------	--------------------------------------	-------------------

AFE # PA-13-0097-D	AFE COSTS	DAILY COSTS	CUMULATIVE COSTS
DESCRIPTION: D&C A HZ WICH ALBANY WELL	DHC: 2,024,500 DCC: CWC: Others: TOTAL: 2,024,500	DHC: 23,544 DCC: CWC: Others: TOTAL: 23,544	DHC: 48,267 DCC: CWC: Others: TOTAL: 48,267

DEFAULT DATUM / ELEVATION RKB/RT / 3,372.0 (ft)	LAST SAFETY MEETING	BLOCK	OCSG#	TARGET FORMATION WICHITA ALBANY	BHA HRS OF SERVICE
---	----------------------------	--------------	--------------	---	---------------------------

LAST SURVEY	LAST CSG SHOE TEST (EMW)	LAST CASING	NEXT CASING 20.000 in @ 54.0 ft
MD 0.0 (ft) INC 0.00° AZM 0.00°			

CURRENT OPERATIONS: RIGGING UP, WAITING ON DAY LIGHT TO PUT TOGETHER DERRICK
24 HR SUMMARY: WAIT ON DAY LIGHT TO RESUME RIG MOVE, MOVE ONTO LOCATION 100%, RIGGING UP
24 HR FORECAST: CONT. RIG AND PREPARE FOR SPUD

OPERATION SUMMARY

From	To	HRS	Op Phase	Op Code	PT/NPT	NPT CODES	ACTIVITY SUMMARY
0:00	7:00	7.00	R-MOB-DEMOB	WOD	PP		WAIT ON DAY LIGHT TO RESUME RIG MOVE
7:00	12:00	5.00	R-MOB-DEMOB	RU_RD	PP		MOVING OFF OF GERONIMO 28 STATE SWD #2 AND ONTO THREE BAR SHALLOW UNIT #100H, RIGGING UP ON SAME
12:00	0:00	12.00	R-MOB-DEMOB	RU_RD	PP		MOVE ON LOCATION 100%, RIGGING UP 40% HSM: SETTING PONY SUBS / WORKING AT HEIGHTS SAFETY WALK ABOUT: CHECKED OLD LOCATION FOR TRASH PICK-UP - OK

24.00 = Total Hours Today

06:00 UPDATE

0000-0600 RIGGING UP ON THREE BAR SHALLOW UNIT #100H, WAITING ON DAY LIGHT TO PUT TOGETHER DERRICK

100% ON LOCATION
60% RIGGED UP

PERSONNEL DATA

COMPANY	QTY	HRS	COMPANY	QTY	HRS
PATTERSON TOOL PUSHER	1	24.00	GSM CONSULTING, Inc.	1	24.00
PATTERSON RIG CREWS	10	120.00	WILBANKS TRUCKING	20	240.00

TOTAL PERSONNEL ON BOARD: 32
TOTAL HOURS ON BOARD: 408

MATERIALS/CONSUMPTION

ITEM	UNITS	USAGE	ON HAND	ITEM	UNITS	USAGE	ON HAND
DIESEL, RIG FUEL	gal	100	1955				



APACHE CORPORATION
Daily Drilling Report

WELLBORE NAME THREE BAR SHALLOW UNIT 100H	DATE 04-21-2013
---	---------------------------

API # 4200344983 00	24 HRS PROG (ft)	TMD 54.0 (ft)	TD TVD 54.0 (ft)	REPT NO 3
-------------------------------	----------------------------	-------------------------	----------------------------	---------------------

RIG PATTERSON 62	FIELD NAME THREE BAR WICHITA ALBANY	AUTH TMD	PLANNED DOW 29.00 (days)	DFS 0.00 (days)	DOL 1.50 (days)
----------------------------	---	-----------------	------------------------------------	---------------------------	---------------------------

SPUD DATE	RIG RELEASE	SUPERVISOR 1 JAMES (MIKE) CAYWOOD (972) 825 - 7721	ENGINEER JEREMY WARD	PBTMD
------------------	--------------------	--	--------------------------------	--------------

REGION PERMIAN	DISTRICT ANDREWS - TX NCZ	STATE / PROV TEXAS	COUNTY / PARISH ANDREWS	RIG PHONE NO 432--218-4875	RIG FAX NO
--------------------------	-------------------------------------	------------------------------	-----------------------------------	--------------------------------------	-------------------

AFE # PA-13-0097-D	AFE COSTS	DAILY COSTS	CUMULATIVE COSTS
DESCRIPTION: D&C A HZ WICH ALBANY WELL	DHC: 2,024,500 DCC: CWC: Others: TOTAL: 2,024,500	DHC: 225,413 DCC: CWC: Others: TOTAL: 225,413	DHC: 273,680 DCC: CWC: Others: TOTAL: 273,680

DEFAULT DATUM / ELEVATION RKB/RT / 3,372.0 (ft)	LAST SAFETY MEETING	BLOCK	OCSG#	TARGET FORMATION WICHITA ALBANY	BHA HRS OF SERVICE
---	----------------------------	--------------	--------------	---	---------------------------

LAST SURVEY	LAST CSG SHOE TEST (EMW)	LAST CASING	NEXT CASING 20.000 in @ 54.0 ft
MD 0.0 (ft) INC 0.00° AZM 0.00°			

CURRENT OPERATIONS: PREPARING FOR SPUD

24 HR SUMMARY: RIGGING UP / PREPARING FOR SPUD

24 HR FORECAST: DRILL SURFACE WITH SURVEYS

OPERATION SUMMARY

From	To	HRS	Op Phase	Op Code	PT/NPT	NPT CODES	ACTIVITY SUMMARY
0:00	8:00	8.00	R-MOB-DEMOB	RJ_RD	PP		RIGGING UP
8:00	20:00	12.00	R-MOB-DEMOB		PP		LAY OUT DERRICK, ASSEMBLE & RAISE SAME, INSTALL TOP DRIVE
20:00	0:00	4.00	R-MOB-DEMOB		PP		RIGGING UP

24.00 = Total Hours Today

06:00 UPDATE

0000-0600 WELD ON CONDUCTOR, MODIFY FLOW LINE, OFF LOADING WATER, CABLE UP TOP DRIVE, PREPARE FOR SPUD

PERSONNEL DATA

COMPANY	QTY	HRS	COMPANY	QTY	HRS
PATTERSON TOOL PUSHER	1	24.00	GSM CONSULTING, Inc.	1	24.00
PATTERSON RIG CREWS	10	120.00	WILBANKS TRUCKING	12	144.00

TOTAL PERSONNEL ON BOARD: 24

TOTAL HOURS ON BOARD: 312

MATERIALS/CONSUMPTION

ITEM	UNITS	USAGE	ON HAND	ITEM	UNITS	USAGE	ON HAND
DIESEL, RIG FUEL	gal	100	8852				

SAFETY DRILLS

RAMS (psi)	ANNULARS (psi)	CASING	LAST BOP PRESS TEST	NEXT BOP PRESS TEST	FIRE DRILL	H2S DRILL	ABND. DRILL

INCIDENT REPORT

INCIDENTS TYPE **LOST TIME? NO** **INCIDENTS DESCRIPTION**
NO ACCIDENTS



APACHE CORPORATION
Daily Drilling Report

WELLBORE NAME THREE BAR SHALLOW UNIT 100H	DATE 04-22-2013
---	---------------------------

API # 4200344983 00	24 HRS PROG (ft)	TMD 54.0 (ft)	TD TVD 54.0 (ft)	REPT NO 4
-------------------------------	----------------------------	-------------------------	----------------------------	---------------------

RIG PATTERSON 62	FIELD NAME THREE BAR WICHITA ALBANY	AUTH TMD 14,900.00 (ft)	PLANNED DOW 29.00 (days)	DFS (days)	DOL 2.50 (days)
----------------------------	---	-----------------------------------	------------------------------------	----------------------	---------------------------

SPUD DATE	RIG RELEASE	SUPERVISOR 1 JAMES (MIKE) CAYWOOD (972) 825 - 7721	ENGINEER JEREMY WARD	PBTMD
------------------	--------------------	--	--------------------------------	--------------

REGION PERMIAN	DISTRICT ANDREWS - TX NCZ	STATE / PROV TEXAS	COUNTY / PARISH ANDREWS	RIG PHONE NO 432--218-4875	RIG FAX NO
--------------------------	-------------------------------------	------------------------------	-----------------------------------	--------------------------------------	-------------------

AFE # PA-13-0097-D	AFE COSTS	DAILY COSTS	CUMULATIVE COSTS
DESCRIPTION: D&C A7585' TVD HZ WICH ALBANY WELL	DHC: 2,024,500 DCC: CWC: Others: TOTAL: 2,024,500	DHC: 29,293 DCC: CWC: Others: TOTAL: 29,293	DHC: 302,973 DCC: CWC: Others: TOTAL: 302,973

DEFAULT DATUM / ELEVATION RKB/RT / 3,372.0 (ft)	LAST SAFETY MEETING	BLOCK	OCSG#	TARGET FORMATION WICHITA ALBANY	BHA HRS OF SERVICE
---	----------------------------	--------------	--------------	---	---------------------------

LAST SURVEY	LAST CSG SHOE TEST (EMW)	LAST CASING	NEXT CASING 20.000 in @ 54.0 ft
MD 0.0 (ft) INC 0.00° AZM 0.00°			

CURRENT OPERATIONS: RIG REPAIR: WAIT ON 27 PIN PLUG

24 HR SUMMARY: RIG UP / PREPARE TO SPUD, RIG REPAIR: 27 PIN PLUG ON TOP DRIVE BAD, WAIT ON SAME

24 HR FORECAST: DRILL SURFACE WITH SURVEYS

OPERATION SUMMARY

From	To	HRS	Op Phase	Op Code	PT/NPT	NPT CODES	ACTIVITY SUMMARY
0:00	14:00	14.00	R-MOB-DEMOB	RU_RD	PP		RIG UP / PREPARE TO SPUD
14:00	0:00	10.00	R-MOB-DEMOB	RIGSER	PN	TD	RIG REPAIR: 27 PIN PLUG ON TOP DRIVE BAD, WAIT ON SAME
HSM: WORKING TRAINEES / USE OF WINCH							
SAFETY WALK ABOUT: GROUND WIRE MISSING ON CATALYST UNIT - CALLED IN AND INSTALLED							

24.00 = Total Hours Today

06:00 UPDATE

0000-0600 RIG REPAIR: WAIT ON 27 PIN PLUG FRON NOV IN HOUSTON

BIT DATA

BIT / RUN	BIT SIZE (in)	MANUFACTURER	TYPE	SERIAL NO	JETS OR TFA	DEPTH IN / DATE IN	I-O-D-L-B-G-O-R
1 / 1	17.500	Varel	HR14	1330998	3x20	0.00 / 04-22-2013	-----

LCM: **MUD PROPERTIES** MUD TYPE:

VIS (s/qt)	PV/YP (cp) / (lbf/100ft ²)	GELS (lbf/100ft ²)	WL/HTHP (cc/30min)	FC/T.SOL (32nd") / (%)	OIL/WAT (%)	% SAND/MBT (%)/(lbm/bbl)	pH/Pm	Pf/Mf (cc)	Cl (ppm)	Ca (ppm)	H2S (%)	KCL (ppm)	LGS (%)

			PP	DAILY COST	0.00	CUM COST	0	%OIL		% H2O	
--	--	--	----	------------	------	----------	---	------	--	-------	--

BHA	JAR S/N	BHA / HOLE CONDITIONS				JAR HRS	BIT
------------	----------------	------------------------------	--	--	--	----------------	------------

BHA WT BELOW JARS	STRING WT UP	STRING WT DN	STRING WT ROT	TORQUE/UNITS	BHA LENGTH
(kip)	(kip)	(kip)	(kip)	(ft-lbf)	0.00 (ft)

COMPONENT TYPE	ITEM DESCRIPTION	NO JTS	LENGTH	O.D	I.D	CONN SIZE	CONN TYPE
Drill Collar	DC	18		7.000	2.500		4-1/2 XH



APACHE CORPORATION
Daily Drilling Report

WELLBORE NAME THREE BAR SHALLOW UNIT 100H	DATE 04-23-2013
---	---------------------------

API # 4200344983 00	24 HRS PROG (ft)	TMD 54.0 (ft)	TD TVD 54.0 (ft)	REPT NO 5
-------------------------------	----------------------------	-------------------------	----------------------------	---------------------

RIG PATTERSON 62	FIELD NAME THREE BAR WICHITA ALBANY	AUTH TMD 14,900.00 (ft)	PLANNED DOW 29.00 (days)	DFS 0.00 (days)	DOL 3.50 (days)
----------------------------	---	-----------------------------------	------------------------------------	---------------------------	---------------------------

SPUD DATE	RIG RELEASE	SUPERVISOR 1 JAMES (MIKE) CAYWOOD (972) 825 - 7721	ENGINEER JEREMY WARD	PBTMD
------------------	--------------------	--	--------------------------------	--------------

REGION PERMIAN	DISTRICT ANDREWS - TX NCZ	STATE / PROV TEXAS	COUNTY / PARISH ANDREWS	RIG PHONE NO 432--218-4875	RIG FAX NO
--------------------------	-------------------------------------	------------------------------	-----------------------------------	--------------------------------------	-------------------

AFE # PA-13-0097-D	AFE COSTS	DAILY COSTS	CUMULATIVE COSTS
DESCRIPTION: D&C A7585' TVD HZ WICH ALBANY WELL	DHC: 2,024,500 DCC: CWC: Others: TOTAL: 2,024,500	DHC: 190,586 DCC: CWC: Others: TOTAL: 190,586	DHC: 493,559 DCC: CWC: Others: TOTAL: 493,559

DEFAULT DATUM / ELEVATION RKB/RT / 3,372.0 (ft)	LAST SAFETY MEETING	BLOCK	OCSG#	TARGET FORMATION WICHITA ALBANY	BHA HRS OF SERVICE
---	----------------------------	--------------	--------------	---	---------------------------

LAST SURVEY	LAST CSG SHOE TEST (EMW)	LAST CASING	NEXT CASING 20.000 in @ 54.0 ft
MD 0.0 (ft) INC 0.00° AZM 0.00°			

CURRENT OPERATIONS: RIG REPAIR: WAITING ON ELECTRIC PUMP AND LUBRICATION PUMP FOR TOP DRIVE

24 HR SUMMARY: RIG REPAIR: TOP DRIVE 27 PIN CABLE / ELECTRIC MOTOR AND LUBRICATION PUMP, WAITING ON PARTS

24 HR FORECAST: REPAIR TOP DRIVE, DRILL SURFACE WITH SURVEYS

OPERATION SUMMARY

From	To	HRS	Op Phase	Op Code	PT/NPT	NPT CODES	ACTIVITY SUMMARY
0:00	8:00	8.00	R-MOB-DEMOB	RIGSER	PN	TD	RIG REPAIR: 27 PIN PLUG ON TOP DRIVE BAD, WAIT ON SAME
8:00	17:00	9.00	R-MOB-DEMOB	RIGSER	PN		RIG REPAIR: INSTALL ELECTRIC CABLE IN TOP DRIVE, TROUBLE SHOOT POWER PROBLEMS ON TOP DRIVE
17:00	0:00	7.00	R-MOB-DEMOB	WOE	PN		RIG REPAIR: WAITING ON ELECTRIC PUMP AND LUBRICATION PUMP FOR TOP DRIVE HSM: PPE FOR 3RD SERVICE PEOPLE / THE RIGHT TOOL FOR THE RIGHT JOB / SAFETY WALK ABOUT: CALLED FOR LOCATION ORGANIZATION AND CLEAN UP

24.00 = Total Hours Today

06:00 UPDATE

0000-0600 RIG REPAIR: WAITING ON ELECTRIC PUMP AND LUBRICATION PUMP FOR TOP DRIVE

BIT DATA

BIT / RUN	BIT SIZE (in)	MANUFACTURER	TYPE	SERIAL NO	JETS OR TFA	DEPTH IN / DATE IN	I-O-D-L-B-G-O-R
1 / 1	17.500	Varel	HR14	1330998	3x20	0.00 / 04-22-2013	-----

LCM: **MUD PROPERTIES** MUD TYPE:

VIS (s/qt)	PV/YP (cp) / (lbf/100ft²)	GELS (lbf/100ft²)	WL/HTHP (cc/30min)	FC/T.SOL (32nd") / (%)	OIL/WAT (%)	% SAND/MBT (%) / (lbm/bbl)	pH/Pm	Pf/Mf (cc)	Cl (ppm)	Ca (ppm)	H2S (%)	KCL (ppm)	LGS (%)

PP	DAILY COST	0.00	CUM COST	0	%OIL	% H2O
----	------------	------	----------	---	------	-------

BHA	JAR S/N	BHA / HOLE CONDITIONS	JAR HRS	BIT
-----	---------	------------------------------	---------	-----

BHA WT BELOW JARS	STRING WT UP	STRING WT DN	STRING WT ROT	TORQUE/UNITS	BHA LENGTH
(kip)	(kip)	(kip)	(kip)	(ft-lbf)	99.41 (ft)



APACHE CORPORATION
Daily Drilling Report

WELLBORE NAME THREE BAR SHALLOW UNIT 100H						DATE 04-24-2013				
API # 4200344983 00		24 HRS PROG (ft)		TMD 54.0 (ft)		TD TVD 54.0 (ft)		REPT NO 6		
RIG PATTERSON 62		FIELD NAME THREE BAR WICHITA ALBANY		AUTH TMD 14,900.00 (ft)		PLANNED DOW 29.00 (days)		DFS 0.00 (days)	DOL 4.50 (days)	
SPUD DATE 04-25-2013 00:00		RIG RELEASE		SUPERVISOR 1 JAMES (MIKE) CAYWOOD (972) 825 - 7721			ENGINEER JEREMY WARD		PBTMD	
REGION PERMIAN		DISTRICT ANDREWS - TX NCZ		STATE / PROV TEXAS		COUNTY / PARISH ANDREWS		RIG PHONE NO 432--218-4875	RIG FAX NO	
AFE # PA-13-0097-D		AFE COSTS			DAILY COSTS			CUMULATIVE COSTS		
DESCRIPTION: D&C A7585' TVD HZ WICH ALBANY WELL		DHC: 2,024,500			DHC: 32,323			DHC: 525,883		
		DCC:			DCC:			DCC:		
		CWC:			CWC:			CWC:		
		Others:			Others:			Others:		
		TOTAL: 2,024,500			TOTAL: 32,323			TOTAL: 525,883		
DEFAULT DATUM / ELEVATION RKB/RT / 3,372.0 (ft)			LAST SAFETY MEETING		BLOCK		OCSG#		TARGET FORMATION WICHITA ALBANY	BHA HRS OF SERVICE
LAST SURVEY				LAST CSG SHOE TEST (EMW)			LAST CASING		NEXT CASING	
MD 54.0 (ft)		INC 0.50°		AZM 0.00°				20.000 in @ 54.0 ft		
CURRENT OPERATIONS: DRILLING @ 252' , LAST SURVEY @ 159' = 0.2 (SPUD @ 0000 HRS 04/25/2013)										
24 HR SUMMARY: RIG REPAIR:TOP DRIVE, M/U BHA #1& TIH TO 54', SURVEY BEFORE DRILLING OUT CONDUCTOR = 0.5										
24 HR FORECAST: DRILL AHEAD WITH SURVEYS										

OPERATION SUMMARY

From	To	HRS	Op Phase	Op Code	PT/NPT	NPT CODES	ACTIVITY SUMMARY
0:00	7:00	7.00	R-MOB-DEMOB	RIGSER	PN	TD	RIG REPAIR: WAITING ON ELECTRIC PUMP AND LUBRICATION PUMP FOR TOP DRIVE
7:00	12:00	5.00	R-MOB-DEMOB	RIGSER	PN	TD	RIG REPAIR: INSTALL LUBRICATION PUMP, TEST SAME
12:00	18:00	6.00	R-MOB-DEMOB	RIGSER	PN	TD	RIG REPAIR: WAIT ON ELECTRIC MOTOR FOR LUBESTER
18:00	22:30	4.50	R-MOB-DEMOB	RIGSER	PN	TD	RIG REPAIR: INSTALL ELECTRIC MOTOR, TEST SAME OK
22:30	23:30	1.00	S-DRL	TRIPBHA	PP		M/U BIT #1 BHA# 1, (17 1/2" BIT, BIT SUB, SHOCK SUB , TELEDRIFT, 8" DC, IBS,8" DC,XO, 6 1/4" DCs)
23:30	0:00	0.50	S-DRL	DEVSUR	PP		DEVIATION SURVEY PRIOR TO DRILLING OUT CONDUCTOR = .5 432 JTS 4 1/2" 16.60, G 105 ON LOCATION #1 PUMP @100 STKS - N/A #2 PUMP @100 STKS - N/A P/U = K S/O = HSM: DRUG TESTING / DC CONNECTIONS SAFETY WALK ABOUT: HAD PLASTIC CATCH POOL BERMED UP UNDER SHAKER TROUGH TO CONTAIN ANY OVERFLOW WHILE DRILLING

24.00 = Total Hours Today

06:00 UPDATE

0000-0600 DRILL 54' - 252' , LAST SURVEY @ 159' = 0.2
(SPUD @ 0000 HRS 04/25/2013)

BIT DATA

BIT / RUN	BIT SIZE (in)	MANUFACTURER	TYPE	SERIAL NO	JETS OR TFA	DEPTH IN / DATE IN	I-O-D-L-B-G-O-R
1 / 1	17.500	Varel	HR14	1330998	3x20	54.00 / 04-25-2013	-----



APACHE CORPORATION
Daily Drilling Report

WELLBORE NAME THREE BAR SHALLOW UNIT 100H	DATE 04-24-2013
---	---------------------------

API # 4200344983 00	24 HRS PROG (ft)	TMD 54.0 (ft)	TD TVD 54.0 (ft)	REPT NO 6
-------------------------------	----------------------------	-------------------------	----------------------------	---------------------

LCM: _____ MUD PROPERTIES _____ MUD TYPE: _____

VIS (s/qt)	PV/YP (cp) / (lbf/100ft ²)	GELS (lbf/100ft ²)	WL/HHP (cc/30min)	FC/T.SOL (32nd") / (%)	OIL/WAT (%)	% SAND/MBT (%) (lbm/bbl)	pH/Pm	Pf/Mf (cc)	Cl (ppm)	Ca (ppm)	H2S (%)	KCL (ppm)	LGS (%)

				PP	DAILY COST	0.00	CUM COST	0	%OIL		% H2O	
--	--	--	--	----	------------	------	----------	---	------	--	-------	--

BHA	1	JAR S/N	BHA / HOLE CONDITIONS				JAR HRS		BIT	
-----	---	---------	-----------------------	--	--	--	---------	--	-----	--

BHA WT BELOW JARS (kip)	STRING WT UP (kip)	STRING WT DN (kip)	STRING WT ROT (kip)	TORQUE/UNITS (ft-lbf)	BHA LENGTH (639.25 ft)
-------------------------	--------------------	--------------------	---------------------	-----------------------	------------------------

COMPONENT TYPE	ITEM DESCRIPTION	NO JTS	LENGTH	O.D	I.D	CONN SIZE	CONN TYPE
Drill Collar	DC	18	536.94	7.000	2.500		4-1/2 XH
Crossover	X-OVER	1	2.90	8.000	2.750		4-1/2 XH
Drill Collar	8" DC	3	30.01	8.250	3.000		NC56
Undergauge Integral Blade Stabilizer	17..37" IBS	1	7.95	17.375	2.750		NC56
Drill Collar	8" DC	1	30.02	8.250	3.000		NC56
Pulser Sub	TELEDRIFT	1	14.58	8.000	2.500		NC56
Shock Sub	SHOCK SUB	1	13.69	8.000	2.500		NC56
Bit Sub	BIT SUB	1	1.66	7.710	2.500		NC56
Tri-Cone Bit	17.5" BIT	1	1.50	17.500			7-5/8" Reg

SURVEY

TYPE	MD (ft)	DEG (°)	AZI (°)	TVD (ft)	+N-S (ft)	+E-W (ft)	V.SECT (ft)	D.L (°/100ft)
NORMAL	54.0	0.50		54.0	0.24	0.01	0.24	0.93

PERSONNEL DATA

COMPANY	QTY	HRS	COMPANY	QTY	HRS
NATIONAL OILWELL	1	14.00	PATTERSON TOOL PUSHER	1	24.00
GSM CONSULTING, Inc.	1	24.00	PATTERSON RIG CREWS	10	120.00

TOTAL PERSONNEL ON BOARD: 13

TOTAL HOURS ON BOARD: 182

MATERIALS/CONSUMPTION

ITEM	UNITS	USAGE	ON HAND	ITEM	UNITS	USAGE	ON HAND
DIESEL, RIG FUEL	gal	436	11,813				

SAFETY DRILLS

RAMS (psi)	ANNULARS (psi)	CASING	LAST BOP PRESS TEST	NEXT BOP PRESS TEST	FIRE DRILL	H2S DRILL	ABND. DRILL

INCIDENT REPORT

INCIDENTS TYPE	LOST TIME? NO	INCIDENTS DESCRIPTION
		NO ACCIDENTS



APACHE CORPORATION
Daily Drilling Report

WELLBORE NAME THREE BAR SHALLOW UNIT 100H	DATE 04-25-2013
---	---------------------------

API # 4200344983 00	24 HRS PROG 1,478.0 (ft)	TMD 1,532.0 (ft)	TD TVD 1,532.0 (ft)	REPT NO 7
-------------------------------	------------------------------------	----------------------------	-------------------------------	---------------------

RIG PATTERSON 62	FIELD NAME THREE BAR WICHITA ALBANY	AUTH TMD 14,900.00 (ft)	PLANNED DOW 29.00 (days)	DFS 1.00 (days)	DOL 5.50 (days)
----------------------------	---	-----------------------------------	------------------------------------	---------------------------	---------------------------

SPUD DATE 04-25-2013 00:00	RIG RELEASE	SUPERVISOR 1 JAMES (MIKE) CAYWOOD (972) 825 - 7721	ENGINEER JEREMY WARD	PBTMD
--------------------------------------	--------------------	--	--------------------------------	--------------

REGION PERMIAN	DISTRICT ANDREWS - TX NCZ	STATE / PROV TEXAS	COUNTY / PARISH ANDREWS	RIG PHONE NO 432--218-4875	RIG FAX NO
--------------------------	-------------------------------------	------------------------------	-----------------------------------	--------------------------------------	-------------------

AFE # PA-13-0097-D	AFE COSTS	DAILY COSTS	CUMULATIVE COSTS
DESCRIPTION: D&C A7585' TVD HZ WICH ALBANY WELL	DHC: 2,024,500 DCC: CWC: Others: TOTAL: 2,024,500	DHC: 28,587 DCC: CWC: Others: TOTAL: 28,587	DHC: 554,470 DCC: CWC: Others: TOTAL: 554,470

DEFAULT DATUM / ELEVATION RKB/RT / 3,372.0 (ft)	LAST SAFETY MEETING	BLOCK	OCSG#	TARGET FORMATION WICHITA ALBANY	BHA HRS OF SERVICE
---	----------------------------	--------------	--------------	---	---------------------------

LAST SURVEY	LAST CSG SHOE TEST (EMW)	LAST CASING	NEXT CASING
MD 1,359.0 (ft) INC 0.50° AZM 0.00°		20.000 in @ 64.0 ft	13.375 in @ 1,600.0 ft

CURRENT OPERATIONS: LAY DOWN 17 1/2" BHA

24 HR SUMMARY: (SPUD @ 00:00 HRS 04/25/2013)
DRILL 64' - 1532' ROP = 61 FT/HR, LAST SURVEY @ 1452' = 0.3

24 HR FORECAST: TIH W/ SURFACE CASING, CEMENT AS PER PROGRAM, INSTALL WELLHEAD AND N/U BOPE, TEST SAME

OPERATION SUMMARY

From	To	HRS	Op Phase	Op Code	PT/NPT	NPT CODES	ACTIVITY SUMMARY
0:00	0:00	24.00	S-DRL	DRLG	PP		DRILL 64' - 1532' ROP = 61 FT/HR, LAST SURVEY @ 1452' = 0.3 432 JTS 4 1/2" 16.60, G 105 ON LOCATION #1 PUMP @100 STKS - N/A #2 PUMP @100 STKS - N/A P/U = 95K S/O = 95K HSM: USE OF IRON ROUGH NECK / MUD PUMP LOCK OUT SAFETY WALK ABOUT: DISCUSSED W/ TP TOPICS COVERED IN WEEKLY SAFETY MEETING IN HOBBS
0:01	0:01	0.00	S-DRL	M_SPUD	PP		(SPUD @ 00:00 HRS 04/25/2013) NOTIFIED TRRC AUDREY OPERATOR #2 ON SPUD, RUNNING 13 3/8" SURFACE CSG & CMT @ 0500 HRS CST 4/26/2013

24.00 = Total Hours Today

06:00 UPDATE

0000-0600 DRILL 1532' - 1572' CASING PT, LAST SURVEY @ 1536' = 0.5, CIRCULATE, TOH F/ CASING, LAY DOWN BHA# 1 (17 1/2" BIT)

(SPUD @ 00:00 HRS 04/25/2013)

BIT DATA

BIT / RUN	BIT SIZE (in)	MANUFACTURER	TYPE	SERIAL NO	JETS OR TFA	DEPTH IN / DATE IN	I-O-D-L-B-G-O-R
1 / 1	17.500	Varel	HR14	1330998	3x20	64.00 / 04-25-2013	-----



APACHE CORPORATION
Daily Drilling Report

WELLBORE NAME THREE BAR SHALLOW UNIT 100H	DATE 04-25-2013
---	---------------------------

API # 4200344983 00	24 HRS PROG 1,478.0 (ft)	TMD 1,532.0 (ft)	TD TVD 1,532.0 (ft)	REPT NO 7
-------------------------------	------------------------------------	----------------------------	-------------------------------	---------------------

BIT OPERATIONS

BIT / RUN	WOB	RPM	FLOW RATE	PRESS	P BIT	HRS	24 Hr PROG	24 HR ROP	CUM HRS	CUM PROG	CUM ROP
1/1	/35.0	/120	573.16	1225	300	24.00	1,468.0	61.2	24.00	1,468.0	61.2

MOTOR OUTPUT

RPV:	ROTARY CURRENT: 120	TOTAL RPM: 120
------	---------------------	----------------

LCM:	MUD PROPERTIES		MUD TYPE: Native Gel
------	-----------------------	--	----------------------

VIS (s/qt)	PV/YP (cp) / (lbf/100ft ²)	GELS (lbf/100ft ²)	WL/HHP (cc/30min)	FC/T.SOL (32nd") / (%)	OIL/WAT (%)	% SAND/MBT (%) / (lbm/bbl)	pH/Pm	Pf/Mf (cc)	Cl (ppm)	Ca (ppm)	H2S (%)	KCL (ppm)	LGS (%)
28.00	1.00/1						8.50						

Density (ppg)	8.40	PP	DAILY COST	0.00	CUM COST	0	%OIL	% H2O	99.56
---------------	------	----	------------	------	----------	---	------	-------	-------

BHA	1	JAR S/N	BHA / HOLE CONDITIONS				JAR HRS	BIT	1
-----	---	---------	------------------------------	--	--	--	---------	-----	---

BHA WT BELOW JARS	STRING WT UP	STRING WT DN	STRING WT ROT	TORQUE/UNITS	BHA LENGTH
(kip)	95.0 (kip)	95.0 (kip)	95.0 (kip)	(ft-lbf)	639.25 (ft)

COMPONENT TYPE	ITEM DESCRIPTION	NO JTS	LENGTH	O.D	I.D	CONN SIZE	CONN TYPE
Drill Collar	DC	18	536.94	7.000	2.500		4-1/2 XH
Crossover	X-OVER	1	2.90	8.000	2.750		4-1/2 XH
Drill Collar	8" DC	3	30.01	8.250	3.000		NC56
Undergauge Integral Blade Stabilizer	17..37" IBS	1	7.95	17.375	2.750		NC56
Drill Collar	8" DC	1	30.02	8.250	3.000		NC56
Pulser Sub	TELEDRIFT	1	14.58	8.000	2.500		NC56
Shock Sub	SHOCK SUB	1	13.69	8.000	2.500		NC56
Bit Sub	BIT SUB	1	1.66	7.710	2.500		NC56
Tri-Cone Bit	17.5" BIT	1	1.50	17.500			7-5/8" Reg

SURVEY

TYPE	MD (ft)	DEG (°)	AZI (°)	TVD (ft)	+N-S (ft)	+E-W (ft)	V.SECT (ft)	D.L (°/100ft)
NORMAL	1,452.0	0.30		1,452.0	6.51	0.32	6.51	0.22
NORMAL	1,359.0	0.50		1,359.0	5.86	0.29	5.86	0.00
NORMAL	1,266.0	0.50		1,266.0	5.05	0.25	5.05	0.34
NORMAL	1,177.0	0.20		1,177.0	4.51	0.22	4.51	0.21
NORMAL	1,082.0	0.00		1,082.0	4.35	0.22	4.35	0.11
NORMAL	987.0	0.10		987.0	4.26	0.21	4.26	0.11
NORMAL	892.0	0.20		892.0	4.01	0.20	4.01	0.11
NORMAL	797.0	0.10		797.0	3.77	0.19	3.77	0.53
NORMAL	702.0	0.60		702.0	3.19	0.16	3.19	0.32
NORMAL	609.0	0.30		609.0	2.46	0.12	2.46	0.08
NORMAL	488.0	0.40		488.0	1.72	0.09	1.72	0.46
NORMAL	401.0	0.00		401.0	1.42	0.07	1.42	0.34
NORMAL	312.0	0.30		312.0	1.18	0.06	1.18	0.48
NORMAL	250.0	0.00		250.0	1.02	0.05	1.02	0.22
NORMAL	159.0	0.20		159.0	0.86	0.04	0.86	0.31

MUD PUMPS/HYDRAULICS					SPP: 1225 (psi)	SPR		
STROKE	SPM	LINER	FLOW RATE	AV(DP):	AV(DC):	SPM	PPSR	
# 1	10.00	70.00	6.500	286.6	HP:			
# 2	10.00	70.00	6.500	286.6	0.417 (hp/in ²)			



APACHE CORPORATION
Daily Drilling Report

WELLBORE NAME THREE BAR SHALLOW UNIT 100H	DATE 04-26-2013
---	---------------------------

API # 4200344983 00	24 HRS PROG (ft)	TMD 1,532.0 (ft)	TD TVD 1,532.0 (ft)	REPT NO 8
-------------------------------	----------------------------	----------------------------	-------------------------------	---------------------

RIG PATTERSON 62	FIELD NAME THREE BAR WICHITA ALBANY	AUTH TMD 14,900.00 (ft)	PLANNED DOW 29.00 (days)	DFS 2.00 (days)	DOL 6.50 (days)
----------------------------	---	-----------------------------------	------------------------------------	---------------------------	---------------------------

SPUD DATE 04-25-2013 00:00	RIG RELEASE	SUPERVISOR 1 JAMES (MIKE) CAYWOOD (972) 825 - 7721	ENGINEER JEREMY WARD	PBTMD
--------------------------------------	--------------------	--	--------------------------------	--------------

REGION PERMIAN	DISTRICT ANDREWS - TX NCZ	STATE / PROV TEXAS	COUNTY / PARISH ANDREWS	RIG PHONE NO 432--218-4875	RIG FAX NO
--------------------------	-------------------------------------	------------------------------	-----------------------------------	--------------------------------------	-------------------

AFE # PA-13-0097-D	AFE COSTS	DAILY COSTS	CUMULATIVE COSTS
DESCRIPTION: D&C A7585' TVD HZ WICH ALBANY WELL	DHC: 2,024,500 DCC: CWC: Others: TOTAL: 2,024,500	DHC: 129,583 DCC: CWC: Others: TOTAL: 129,583	DHC: 684,053 DCC: CWC: Others: TOTAL: 684,053

DEFAULT DATUM / ELEVATION RKB/RT / 3,372.0 (ft)	LAST SAFETY MEETING	BLOCK	OCSG#	TARGET FORMATION WICHITA ALBANY	BHA HRS OF SERVICE
---	----------------------------	--------------	--------------	---	---------------------------

LAST SURVEY	LAST CSG SHOE TEST (EMW)	LAST CASING	NEXT CASING
MD 1,536.0 (ft) INC 0.50° AZM 0.00°		20.000 in @ 64.0 ft	13.375 in @ 1,600.0 ft

CURRENT OPERATIONS: WELDING ON 13 3/8" SOW

24 HR SUMMARY: DRILL 1532' - 1572', CIRC, TOH F/ CASING, LAY DOWN 17 1/2' BHA, TIH W/ 13 3/8" CASING, WORK CASING F/ 1488' - 1492', SET CASING @ 1486' AND CEMENT SAME, WOC

24 HR FORECAST: N/U BOPE, TEST SAME, TIH W/ BHA #2 ,DRILL OUT SHOE TRACK , DRILL AHEAD W/ SURVEYS

OPERATION SUMMARY

From	To	HRS	Op Phase	Op Code	PT/NPT	NPT CODES	ACTIVITY SUMMARY
0:00	1:00	1.00	S-DRL	DRLG	PP		DRILL 1532' - 1572'
1:00	2:30	1.50	S-DRL	CIRC	PP		CIRCULATE
2:30	7:00	4.50	S-CSG	TRIPCSG	PP		TOH F/ CASING, LAY DOWN 17 1/2' BHA
7:00	8:30	1.50	S-CSG	RU_RD	PP		HSM: LEWIS CASING CREW AND P/U L/D MACHINE
8:30	15:00	6.50	S-CSG	R_PCSG	PP		TIH 13 3/8" CASING TO 1488'
15:00	19:00	4.00	S-CSG	R_PCSG	PP		WASH AND WORK CASING FROM 1488' - 1492' RAN TOTAL OF 35 JTS 13 3/8" 48# H-40 STC CSG GUIDE SHOE SET AT 1486', FLOAT COLLAR SET @ 1443', TOTAL CENTRALIZERS = 11
19:00	22:30	3.50	S-CMT	CMTPRI	PP		R/U HALIBURTON, HSM; PUMP CEMENT JOB AS FOLLOWS: 20 BBLs FRESH WATER SPACER LEAD W/ 800 SKS MIXED @ 13.70 PPG @ 1.68 CF/SK 8.72 GALS PER SKS TAIL W/ 350 SKS MIXED @ 14.8 PPG @ 1.34 CF/SK 6.36 GALS PER SKS DISPLACE w/ 228 BBLs BRINE WATER PLUG DID NOT BUMP, FLOAT DID NOT HOLD, SHUT IN CIRCULATED 698 SX 209 BBLs
22:30	0:00	1.50	S-CMT	WOC	PP		WOC

24.00 = Total Hours Today

06:00 UPDATE

0000-0600 WOC, CUT OFF CONDUCTOR, ROUGH CUT CASING , LAY OUT PIPE, FINAL CUR AND WELD 13 3/8" SOW, TEST SAME

BIT DATA

BIT / RUN	BIT SIZE (in)	MANUFACTURER	TYPE	SERIAL NO	JETS OR TFA	DEPTH IN / DATE IN	I-O-D-L-B-G-O-R
1 / 1	17.500	Varel	HR14	1330998	3x20	64.00 / 04-25-2013	1-1-NO-A-2-I-NO-TD



APACHE CORPORATION
Daily Drilling Report

WELLBORE NAME THREE BAR SHALLOW UNIT 100H	DATE 04-26-2013
---	---------------------------

API # 4200344983 00	24 HRS PROG (ft)	TMD 1,532.0 (ft)	TD TVD 1,532.0 (ft)	REPT NO 8
-------------------------------	----------------------------	----------------------------	-------------------------------	---------------------

BIT OPERATIONS

BIT / RUN	WOB	RPM	FLOW RATE	PRESS	P BIT	HRS	24 Hr PROG	24 HR ROP	CUM HRS	CUM PROG	CUM ROP
1/1	/38.0	/120	573.16	1225	321	1.00	40.0	40.0	25.00	1,508.0	60.3

MOTOR OUTPUT

RPV:	ROTARY CURRENT: 120	TOTAL RPM: 120
LCM: 0.0	MUD PROPERTIES	
		MUD TYPE: Native Gel

VIS (s/qt)	PV/YP (cp) / (lbf/100ft ²)	GELS (lbf/100ft ²)	WL/HHP (cc/30min)	FC/T.SOL (32nd") / (%)	OIL/WAT (%)	% SAND/MBT (%) / (lbf/bbl)	pH/Pm	Pf/Mf (cc)	Cl (ppm)	Ca (ppm)	H2S (%)	KCL (ppm)	LGS (%)
28.00	1.00/1	0/0	0.0/0.0	0.0/0.00	0.00/0.00	0.00/0.0	8.50/0.00	0.00/0.00	0	0	0.0000	0	0.00
Density (ppg)	8.40	ECD (ppg)	0.00	PP (ppg)	0.00	DAILY COST	0.00	CUM COST	0	%OIL	0.00	% H2O	99.56

BHA	1	JAR S/N	BHA / HOLE CONDITIONS				JAR HRS	BIT
BHA WT BELOW JARS	100.0 (kip)	STRING WT UP	98.0 (kip)	STRING WT DN	98.0 (kip)	TORQUE/UNITS	639.25 (ft)	

COMPONENT TYPE	ITEM DESCRIPTION	NO JTS	LENGTH	O.D	I.D	CONN SIZE	CONN TYPE
Drill Collar	DC	18	536.94	7.000	2.500		4-1/2 XH
Crossover	X-OVER	1	2.90	8.000	2.750		4-1/2 XH
Drill Collar	8" DC	3	30.01	8.250	3.000		NC56
Undergauge Integral Blade Stabilizer	17..37" IBS	1	7.95	17.375	2.750		NC56
Drill Collar	8" DC	1	30.02	8.250	3.000		NC56
Pulser Sub	TELEDRIFT	1	14.58	8.000	2.500		NC56
Shock Sub	SHOCK SUB	1	13.69	8.000	2.500		NC56
Bit Sub	BIT SUB	1	1.66	7.710	2.500		NC56
Tri-Cone Bit	17.5" BIT	1	1.50	17.500			7-5/8" Reg

SURVEY

TYPE	MD (ft)	DEG (°)	AZI (°)	TVD (ft)	+N-S (ft)	+E-W (ft)	V.SECT (ft)	D.L (°/100ft)
NORMAL	1,536.0	0.50		1,536.0	7.11	0.00	7.11	0.24

CASING

S/T	DESCRIPTION	SIZE	WEIGHT	GRADE	SETTING DEPTH
00	SURFACE	13.375	48.00	H-40	1,486.0

MUD PUMPS/HYDRAULICS

				SPP: 1225 (psi)	SPR			
				AV(DP):	SPM		PPSR	
# 1	10.00	70.00	6.500	286.6				
# 2	10.00	70.00	6.500	286.6				
				HP: 0.447 (hp/in ²)				

PERSONNEL DATA

COMPANY	QTY	HRS	COMPANY	QTY	HRS
GSM CONSULTING, Inc.	1	24.00	PATTERSON TOOL PUSHER	1	24.00
LEWIS CASING CREWS	5	85.00	HALLIBURTON ENERGY SERVICES	7	56.00
PATTERSON RIG CREWS	10	120.00			

TOTAL PERSONNEL ON BOARD: 24

TOTAL HOURS ON BOARD: 309

MATERIALS/CONSUMPTION

ITEM	UNITS	USAGE	ON HAND	ITEM	UNITS	USAGE	ON HAND
DIESEL, RIG FUEL	gal	684	9853				



APACHE CORPORATION
Daily Drilling Report

WELLBORE NAME THREE BAR SHALLOW UNIT 100H						DATE 04-27-2013				
API # 4200344983 00		24 HRS PROG 0.0 (ft)		TMD 1,572.0 (ft)		TD TVD 1,572.0 (ft)		REPT NO 9		
RIG PATTERSON 62		FIELD NAME THREE BAR WICHITA ALBANY		AUTH TMD 14,900.00 (ft)		PLANNED DOW 29.00 (days)		DFS 3.00 (days)	DOL 7.50 (days)	
SPUD DATE 04-25-2013 00:00		RIG RELEASE		SUPERVISOR 1 JAMES (MIKE) CAYWOOD (972) 825 - 7721			ENGINEER JEREMY WARD		PBTMD	
REGION PERMIAN		DISTRICT ANDREWS - TX NCZ		STATE / PROV TEXAS		COUNTY / PARISH ANDREWS		RIG PHONE NO 432--218-4875	RIG FAX NO	
AFE # PA-13-0097-D		AFE COSTS			DAILY COSTS			CUMULATIVE COSTS		
DESCRIPTION: D&C A7585' TVD HZ WICH ALBANY WELL		DHC: 2,024,500			DHC: 43,226			DHC: 727,279		
		DCC:			DCC:			DCC:		
		CWC:			CWC:			CWC:		
		Others:			Others:			Others:		
		TOTAL: 2,024,500			TOTAL: 43,226			TOTAL: 727,279		
DEFAULT DATUM / ELEVATION RKB/RT / 3,372.0 (ft)			LAST SAFETY MEETING		BLOCK		OCSG#		TARGET FORMATION WICHITA ALBANY	BHA HRS OF SERVICE
LAST SURVEY				LAST CSG SHOE TEST (EMW)			LAST CASING		NEXT CASING	
MD 1,536.0 (ft)		INC 0.50°		AZM 0.00°		20.000 in @ 64.0 ft		13.375 in @ 1,600.0 ft		

CURRENT OPERATIONS: TOH TO ATTEMPT RUN CBL BEOW 850'

24 HR SUMMARY: WOC, INSTALL WELL HEAD, N/U BOPE, ATTEMPT TEST W/O SUCCESS, TIH W/ 11" BIT, TAG @ 811' DRILL/CLEAN TO 935', CONT TIH FREE TO TOP OF FC @ 1443, DRILL FC AND SHOE TRACK TO 1486', TOH F/ CBL LOG, WAIT ON DIALOG LOGGING UNIT

24 HR FORECAST: RUN CBL LOG ON SURF CASING,

OPERATION SUMMARY

From	To	HRS	Op Phase	Op Code	PT/NPT	NPT CODES	ACTIVITY SUMMARY
0:00	2:30	2.50	S-CMT	WOC	PP		WOC
2:30	7:00	4.50	S-NUP	WLHEAD	PP		ROUGH CUT CASING AND REMOVE CUT OFF, FINAL CUT AND DRESS STUB, INSTALL WELL HEAD AND TEST 385PSI - OK
7:00	16:00	9.00	S-NUP	BOPS	PP		N/U BOPE, MANNIFOLD, MODIFY FLO-LINE AND INSTALL, 4" LINES TO RESERVE PIT
16:00	17:30	1.50	S-NUP	BOPS	PP		TEST BLIND RAMS / CASING, TIGHTEN LEAKS, DETERMINE CASING LEAKING DOWN HOLE
17:30	19:30	2.00	S-DRL	TRIP	PN	CS	P/U 11" BIT, TIH, TAG @ 811'
19:30	20:30	1.00	S-DRL	RMWASH	PN	CS	DRILL CEMENT PLUG @ 811', CEMENT FROM 811' - 935'
20:30	21:00	0.50	S-DRL	DOCMT	PN	CS	TIH FREE TO TOP OF FC @ 1443, DRILL FC AND SHOE TRACK TO 1486'
21:00	23:00	2.00	S-DRL	TRIP	PN	CS	TOH F/ CBL LOG
23:00	0:00	1.00	S-DRL	WOO	PN	CS	WAIT ON DIALOG LOGGING UNIT
432 JTS 4 1/2" 16.60, G 105 ON LOCATION #1 PUMP @100 STKS - N/A #2 PUMP @100 STKS - N/A P/U = K S/O = K HSM: WORKING NEAR WELDER / STACKING BOPE SAFETY WALK ABOUT: NOTICED HOLE IN RESERVE PIT LINER, CALLED IN FOR REPAIR TO AVOID LEAKAGE							

24.00 = Total Hours Today

06:00 UPDATE

0000-0600 WAIT ON DIALOG LOGGING UNIT, R/U DIALOG AND TIH W/ CBL 860', R/D DIALOG, TIH W/ 11" BIT, TAG @ 811', PICK AND WASH TROUGH, CONT. TIH TO 1486', CIRCULATE, TOH TO ATTEMPT RUN CBL BEOW 850'

CASING

S/T	DESCRIPTION	SIZE	WEIGHT	GRADE	SETTING DEPTH
00	SURFACE	13.375	48.00	H-40	1,486.0



APACHE CORPORATION
Daily Drilling Report

WELLBORE NAME THREE BAR SHALLOW UNIT 100H						DATE 04-28-2013		
API # 4200344983 00		24 HRS PROG (ft)		TMD 1,572.0 (ft)		TD TVD 1,572.0 (ft)		REPT NO 10
RIG PATTERSON 62		FIELD NAME THREE BAR WICHITA ALBANY		AUTH TMD 14,900.00 (ft)	PLANNED DOW 29.00 (days)		DFS 4.00 (days)	DOL 8.50 (days)
SPUD DATE 04-25-2013 00:00	RIG RELEASE	SUPERVISOR 1 JAMES (MIKE) CAYWOOD (972) 825 - 7721			ENGINEER JEREMY WARD		PBTMD	
REGION PERMIAN		DISTRICT ANDREWS - TX NCZ		STATE / PROV TEXAS	COUNTY / PARISH ANDREWS	RIG PHONE NO 432--218-4875	RIG FAX NO	
AFE # PA-13-0097-D		AFE COSTS		DAILY COSTS		CUMULATIVE COSTS		
DESCRIPTION: D&C A7585' TVD HZ WICH ALBANY WELL		DHC: 2,024,500		DHC: 39,581		DHC: 766,859		
		DCC:		DCC:		DCC:		
		CWC:		CWC:		CWC:		
		Others:		Others:		Others:		
		TOTAL: 2,024,500		TOTAL: 39,581		TOTAL: 766,859		
DEFAULT DATUM / ELEVATION RKB/RT / 3,372.0 (ft)		LAST SAFETY MEETING	BLOCK		OCSG#	TARGET FORMATION WICHITA ALBANY		BHA HRS OF SERVICE
LAST SURVEY				LAST CSG SHOE TEST (EMW)		LAST CASING		NEXT CASING
MD	1,536.0 (ft)	INC	0.50°	AZM	0.00°	20.000 in @ 64.0 ft		13.375 in @ 1,600.0 ft

CURRENT OPERATIONS: TIH TO AND TAG TOC @ 1307'

24 HR SUMMARY: WAIT ON LOGGING UNIT,R/U DIALOG WL, TIH W/ CBL LOG TO 850',CANNOT PASS, LOG 850'-SURF,P/U 11" BIT , TIH TO 1486',CIRC,TOH,P/U CBL AND TIH TO 811',CANNOT PASS 823', P/U NEW CBL TOOL AND LOG 750' TO SURFACE, R/D DIALOG WL,,LAY DOWN DCs,R/U CRAFT WIRELINE,

24 HR FORECAST: FINISH PLUGGING WELL, N/D BOPE, SECURE WELL, BEGIN RIG DOWN FOR SKID

OPERATION SUMMARY

From	To	HRS	Op Phase	Op Code	PT/NPT	NPT CODES	ACTIVITY SUMMARY
0:00	0:30	0.50	S-DRL	WOO	PN	CS	WAIT ON LOGGING UNIT
0:30	3:00	2.50	S-EVAL	LOG	PN	CS	R/U DIALOG WIRLINE, TIH W/ CBL LOG TO 850',CANNOT PASS, LOG 850' TO SURFACE
3:00	4:30	1.50	S-DRL	TRIP	PN	CS	P/U 11" BIT, TIH TO 811', TAG OBSTRUCTION, P/U AND LOWER W/ 20 RPM PAST OBSTRUCTION W/O INDICATION, CONT. TIN TO 1486
4:30	5:00	0.50	S-DRL	CIRC	PN	CS	CIRCULATE
5:00	6:30	1.50	S-DRL	TRIP	PN	CS	TOH
6:30	9:30	3.00	S-EVAL	LOG	PN	CS	P/U CBL AND TIH TO 811' , CANNOT PASS 823', TOOL STICKING,TOH , P/U NEW CBL TOOL AND LOG 750' TO SURFACE, RIG DOWN DIALOG WIRE LINE
9:30	10:30	1.00	S-DRL	RIGSER	PN		LUBRICATE AND SERVICE TOP DRIVE
10:30	17:00	6.50	S-DRL	WOO	PN		WAITING ON ORDERS
17:00	21:30	4.50	S-DRL	TRIP	PN		TIH W/ DRILL COLLARS FROM DERRICK, LAY DOWN SAME, P/U 21 JTS 4 1/2" DP AND STAND BACK IN DERRICK FOR CEMENT OPERATIONS
22:30	0:00	1.50	S-DRL		PN		R/U CRAFT WIRELINE, HSM, TIH AND PERFORATE 8 SHOT PER 2 FEET @ 1450' DESIREE @ TRRC NOTIFIED AT 20:30 HRS 04/28/2013 OF INTENT TO PLUG WELL 432 JTS 4 1/2" 16.60, G 105 ON LOCATION #1 PUMP @100 STKS - N/A #2 PUMP @100 STKS - N/A P/U = K S/O = K HSM: LAYING DOWN DCs / PERFORATION GUNS SAFETY WALK ABOUT: WALK RIG W/ TOOL PUSHER

23.00 = Total Hours Today

06:00 UPDATE

0000-0600 TIH TO 1486' , SPOT 230 SX CLASS "C" 15.0 PPG CMT @ 1486', TOH W/ DP, WOC, TIH TO TAG TOC

DESIREE @ TRRC NOTIFIED AT 20:30 HRS 04/28/2013 OF INTENT TO PLUG WELL



APACHE CORPORATION

Daily Drilling Report

WELLBORE NAME THREE BAR SHALLOW UNIT 100H	DATE 04-29-2013
---	---------------------------

API # 4200344983 00	24 HRS PROG (ft)	TMD 1,572.0 (ft)	TD TVD 1,572.0 (ft)	REPT NO 11
-------------------------------	----------------------------	----------------------------	-------------------------------	----------------------

RIG PATTERSON 62	FIELD NAME THREE BAR WICHITA ALBANY	AUTH TMD 14,900.00 (ft)	PLANNED DOW 29.00 (days)	DFS 5.00 (days)	DOL 9.50 (days)
----------------------------	---	-----------------------------------	------------------------------------	---------------------------	---------------------------

SPUD DATE 04-25-2013 00:00	RIG RELEASE	SUPERVISOR 1 JAMES (MIKE) CAYWOOD (972) 825 - 7721	ENGINEER JEREMY WARD	PBTMD
--------------------------------------	--------------------	--	--------------------------------	--------------

REGION PERMIAN	DISTRICT ANDREWS - TX NCZ	STATE / PROV TEXAS	COUNTY / PARISH ANDREWS	RIG PHONE NO 432--218-4875	RIG FAX NO
--------------------------	-------------------------------------	------------------------------	-----------------------------------	--------------------------------------	-------------------

AFE # PA-13-0097-D	AFE COSTS	DAILY COSTS	CUMULATIVE COSTS
DESCRIPTION: D&C A7585' TVD HZ WICH ALBANY WELL	DHC: 2,024,500 DCC: CWC: Others: TOTAL: 2,024,500	DHC: 47,034 DCC: CWC: Others: TOTAL: 47,034	DHC: 813,893 DCC: CWC: Others: TOTAL: 813,893

DEFAULT DATUM / ELEVATION RKB/RT / 3,372.0 (ft)	LAST SAFETY MEETING	BLOCK	OCSG#	TARGET FORMATION WICHITA ALBANY	BHA HRS OF SERVICE
---	----------------------------	--------------	--------------	---	---------------------------

LAST SURVEY	LAST CSG SHOE TEST (EMW)	LAST CASING	NEXT CASING
MD 1,536.0 (ft) INC 0.50° AZM 0.00°		20.000 in @ 64.0 ft	13.375 in @ 1,600.0 ft

CURRENT OPERATIONS: WOC

24 HR SUMMARY: TIH TO 1486', SPOT 230SX PLUG, WOC, TIH TAG TOC @ 1307', PERF @ 1100', TIH W/ DP TO 1100', CIRC, TIH & TAG @ 1307', TOH TO 900', CIRC, RUN DOWNHOLE CAMERA, TIH TO 1100', SPOT 200 SX PLUG, WOC, TIH TO TOC @ 867', TOH TO 814', SPOT 100 SX PLUG, WOC

24 HR FORECAST: RELEASE RIG TO SKID FORWARD

OPERATION SUMMARY

From	To	HRS	Op Phase	Op Code	PT/NPT	NPT CODES	ACTIVITY SUMMARY
0:00	1:00	1.00	S-DRL	TRIP	PN	CS	TIH W/ OPEN-ENDED DP TO 1486'
1:00	2:30	1.50	C-CMT	PLUGA	PN	CS	SPOT PLUG #1 FROM 1486' - 1180' (230 SX CLASS "C" 14.8 PPG 1.33 CU/FT)
2:30	5:30	3.00	C-CMT	WOC	PN	CS	WOC (TOH W/ DP)
5:30	6:30	1.00	S-EVAL	LOG	PN	CS	R/U CRAFT WIRELINE, HSM, RIH AND PERFORATE 8 SHOT PER 2 FEET @ 1100', R/D CRAFT WIRELINE
6:30	7:00	0.50	S-DRL	TRIP	PN	CS	TIH W/ OPEN ENDED DP TO 1100'
7:00	9:00	2.00	S-DRL	CIRC	PN	CS	DISPLACE HOLE TO CLEAN WATER
9:00	10:00	1.00	S-DRL	TRIP	PN	CS	TIH TO TOC @ 1207', TOH TO 814" LAYING DOWN 10 JTS, STAND BACK 2 STDS
10:00	11:30	1.50	S-DRL	CIRC	PN	CS	CIRCULATE AND CONDITION WATER FOR CAMERA
11:30	17:30	6.00	S-EVAL	LOG	PN	CS	R/U CRAFT WIRELINE, RUN EXPRO DOWNHOLE CAMERA ON WIRELINE AND FILM DAMAGED CASING, TOP OF COLLAR @ 811' CSG PIN LOCATED @ 803', R/D CRAFT WIRELINE
17:30	18:00	0.50	S-DRL	TRIP	PN	CS	TIH W/ OPEN-ENDED DP TO 1100'
18:00	19:00	1.00	S-CMT	PLUGA	PN	CS	SPOT PLUG #2 FROM 1100' - 836' (200 SX CLASS "C" 14.8 PPG 1.33 CU/FT)
19:00	22:00	3.00	S-CMT	WOC	PN	CS	WOC (TOH W/ DP)
22:00	22:30	0.50	S-DRL	TRIP	PN	CS	TIH TO TOC @ 867' , TOH TO 814'
22:30	23:00	0.50	S-CMT	PLUGA	PN	CS	SPOT PLUG #3 FROM 814' - 655' (200 SX CLASS "C" 14.8 PPG 1.33 CU/FT)
23:00	0:00	1.00	S-CMT	WOC	PN	CS	WOC (TOH W/ DP, OBSERVE CMT FALLING IN CASING)

24.00 = Total Hours Today

06:00 UPDATE

0000-0600 WOC (TOH W/ DP, OBSERVE CMT FALLING IN CASING), TIH AND TAG TOC @ 751', TOH LAYING DOWN EXCESS DP, R/U CRAFT WIRELINE AND PERF 8 SHOT PER 2 FEET @ 375', TIH TO 375', SPOT PLUG #4 FROM @ 375' (100 SX CLASS "C" 14.8 PPG 1.33 CU/FT), WOC (OBSERVE FLUID FALLING ON IN CASING)

CASING

S/T	DESCRIPTION	SIZE	WEIGHT	GRADE	SETTING DEPTH
00	SURFACE	13.375	48.00	H-40	1,486.0



Daily Drilling Report

WELLBORE NAME THREE BAR SHALLOW UNIT 100H	DATE 04-30-2013
---	---------------------------

API # 4200344983 00	24 HRS PROG (ft)	TMD 1,572.0 (ft)	TD TVD 1,572.0 (ft)	REPT NO 12
-------------------------------	----------------------------	----------------------------	-------------------------------	----------------------

RIG PATTERSON 62	FIELD NAME THREE BAR WICHITA ALBANY	AUTH TMD 14,900.00 (ft)	PLANNED DOW 29.00 (days)	DFS 6.00 (days)	DOL 10.50 (days)
----------------------------	---	-----------------------------------	------------------------------------	---------------------------	----------------------------

SPUD DATE 04-25-2013 00:00	RIG RELEASE	SUPERVISOR 1 JAMES (MIKE) CAYWOOD (972) 825 - 7721	ENGINEER JEREMY WARD	PBTMD
--------------------------------------	--------------------	--	--------------------------------	--------------

REGION PERMIAN	DISTRICT ANDREWS - TX NCZ	STATE / PROV TEXAS	COUNTY / PARISH ANDREWS	RIG PHONE NO 432--218-4875	RIG FAX NO
--------------------------	-------------------------------------	------------------------------	-----------------------------------	--------------------------------------	-------------------

AFE # PA-13-0097-D	AFE COSTS	DAILY COSTS	CUMULATIVE COSTS
DESCRIPTION: D&C A7585' TVD HZ WICH ALBANY WELL	DHC: 2,024,500 DCC: CWC: Others: TOTAL: 2,024,500	DHC: 73,929 DCC: CWC: Others: TOTAL: 73,929	DHC: 887,822 DCC: CWC: Others: TOTAL: 887,822

DEFAULT DATUM / ELEVATION RKB/RT / 3,372.0 (ft)	LAST SAFETY MEETING	BLOCK	OCSG#	TARGET FORMATION WICHITA ALBANY	BHA HRS OF SERVICE
---	----------------------------	--------------	--------------	---	---------------------------

LAST SURVEY	LAST CSG SHOE TEST (EMW)	LAST CASING	NEXT CASING
MD 1,536.0 (ft) INC 0.50° AZM 0.00°		20.000 in @ 64.0 ft	13.375 in @ 1,600.0 ft

CURRENT OPERATIONS: WAITING ON CEMENT TO RESUME DRILLING MOUSEHOLE

24 HR SUMMARY: WOC, TIH TAG TOC @ 751', TOH, PERFORATE 8 SHOT PER 2 FT @ 375', SPOT PLUG #3, TOH, WOC, TIH TAG TOC @ 268', CEMENT BACK TO SURF, N/D BOPE, DIG NEW CELLAR, DRILL CONDUCTOR

24 HR FORECAST: COMPLETE DRILLING / SETTING CONDUCTOR AND MOUSE HOLE, PREPARE TO SKID RIG

OPERATION SUMMARY

From	To	HRS	Op Phase	Op Code	PT/NPT	NPT CODES	ACTIVITY SUMMARY
0:00	2:00	2.00	S-CMT	WOC	PN	CS	WOC
2:00	2:30	0.50	S-DRL	TRIP	PN	CS	TIH W/ OPEN-ENDED AND TAG TOC @ 751'
2:30	3:30	1.00	S-DRL	TRIP	PN	CS	TOH LAYING DOWN EXCESS DP
3:30	4:30	1.00	S-EVAL	LOG	PN	CS	R/U CRAFT WIRELINE AND PERFORATE 8 SHOT PER 2 FT @ 375', R/D CRAFT WIRELINE
4:30	5:00	0.50	S-DRL	TRIP	PN	CS	TIH W/ OPEN-ENDED TO 375'
5:00	5:30	0.50	S-CMT	PLUGA	PN	CS	SPOT PLUG #3 FROM 375' - 214" (200 SX CLASS "C" 14.8 PPG 1.33 CU/FT)
5:30	8:30	3.00	S-CMT	WOC	PN	CS	WOC (TOH W/ DP, OBSERVE CMT FALLING IN CASING)
8:30	9:00	0.50	S-DRL	TRIP	PN	CS	TIH W/ OPEN-ENDED AND TAG TOC @ 268'
9:00	9:30	0.50	S-CMT	PLUGA	PN	CS	CEMENT BACK TO SURF (166 SX CLASS "C" 14.8 PPG 1.33 CU/FT W/ 2 BBL RETURN TO PITS)
9:30	12:30	3.00	S-NUP	BOPS	PN	CS	FLUSH BOPE, N/D BOPE SPLITTING STACK AND REMOVING TO SIDE OF LOCATION
12:30	14:00	1.50	S-NUP	BOPS	PN	CS	CUT OFF 13 3/8 " SOW AND WELD PLATE OVER 13 3/8" PIPE,
14:00	16:00	2.00	C-CSG	R_PCSG	PN	CS	ONYX CONSTRUCTION BACK FILL OLD CELLAR AND DIG NEW ONE 25' FORWARD
16:00	23:00	7.00	C-CSG	R_PCSG	PN	CS	BIG GUNS DRILLING CONDUCTOR, DRY SETTING SAME, DRILLING MOUSE HOLE
23:00	0:00	1.00	C-CSG	R_PCSG	PN	CS	WAITING ON CEMENT TO CEMENT CONDUCTOR AND CONTROL SAND TO RESUME DRILLING MOUSE HOLE HSM: LAYING DOWN DP / N/D BOPE SAFETY WALK ABOUT: JSA W/ BIG GUNS AND PATTERSON ON CONDUCTOR DRILLING OPERATIONS ON LOCATION

24.00 = Total Hours Today

06:00 UPDATE

0000-0600 WAITING ON CEMENT TO CEMENT CONDUCTOR AND RESUME DRILLING MOUSE HOLE FOR SAND CONTROLL



APACHE CORPORATION
Daily Drilling Report

WELLBORE NAME THREE BAR SHALLOW UNIT 100H	DATE 05-01-2013
---	---------------------------

API # 4200344983 00	24 HRS PROG (ft)	TMD 1,572.0 (ft)	TD TVD 1,572.0 (ft)	REPT NO 13
-------------------------------	----------------------------	----------------------------	-------------------------------	----------------------

RIG PATTERSON 62	FIELD NAME THREE BAR WICHITA ALBANY	AUTH TMD 14,900.00 (ft)	PLANNED DOW 29.00 (days)	DFS 7.00 (days)	DOL 11.50 (days)
----------------------------	---	-----------------------------------	------------------------------------	---------------------------	----------------------------

SPUD DATE 04-25-2013 00:00	RIG RELEASE	SUPERVISOR 1 JAMES (MIKE) CAYWOOD (972) 825 - 7721	ENGINEER JEREMY WARD	PBTMD
--------------------------------------	--------------------	--	--------------------------------	--------------

REGION PERMIAN	DISTRICT ANDREWS - TX NCZ	STATE / PROV TEXAS	COUNTY / PARISH ANDREWS	RIG PHONE NO 432--218-4875	RIG FAX NO
--------------------------	-------------------------------------	------------------------------	-----------------------------------	--------------------------------------	-------------------

AFE # PA-13-0097-D	AFE COSTS	DAILY COSTS	CUMULATIVE COSTS
DESCRIPTION: D&C A7585' TVD HZ WICH ALBANY WELL	DHC: 2,024,500 DCC: CWC: Others: TOTAL: 2,024,500	DHC: 40,549 DCC: CWC: Others: TOTAL: 40,549	DHC: 928,371 DCC: CWC: Others: TOTAL: 928,371

DEFAULT DATUM / ELEVATION RKB/RT / 3,372.0 (ft)	LAST SAFETY MEETING	BLOCK	OCSG#	TARGET FORMATION WICHITA ALBANY	BHA HRS OF SERVICE
---	----------------------------	--------------	--------------	---	---------------------------

LAST SURVEY	LAST CSG SHOE TEST (EMW)	LAST CASING	NEXT CASING
MD 1,536.0 (ft) INC 0.50° AZM 0.00°		20.000 in @ 64.0 ft	13.375 in @ 1,600.0 ft

CURRENT OPERATIONS: WAITING ON DAYLIGHT TO SKID RIG
24 HR SUMMARY: WAIT ON CEMENT FOR CONDUCTOR, SET CONDUCTOR PIPE WITH 40' OF CEMENT
24 HR FORECAST: SKID RIG ONTO THREE BAR SHALLOW UNIT # 100HR, RIG UP AND SPUD

OPERATION SUMMARY

From	To	HRS	Op Phase	Op Code	PT/NPT	NPT CODES	ACTIVITY SUMMARY
0:00	8:00	8.00	C-CMT	WOC	PN	CS	WAIT ON CEMENT FOR CONDUCTOR
8:00	9:00	1.00	C-CSG	R_PCSG	PN	CS	SET CONDUCTOR PIPE WITH 40' OF CEMENT
9:00	0:00	15.00	C-CSG	R_PCSG	PN	CS	DRILL MOUSE HOLE AND SET SAME
SAFETY WALK ABOUT: PRE-MOVE MEET WITH ALL PARTIES FOR GOOD PLANNING AND RISK ANALYSIS							

24.00 = Total Hours Today

06:00 UPDATE

0000-0600 WAIT ON DAYLIGHT TO SKID RIG

CASING

S/T	DESCRIPTION	SIZE	WEIGHT	GRADE	SETTING DEPTH
00	SURFACE	13.375	48.00	H-40	1,486.0

PERSONNEL DATA

COMPANY	QTY	HRS	COMPANY	QTY	HRS
GSM CONSULTING, Inc.	1	24.00	PATTERSON TOOL PUSHER	1	24.00
BIG GUNS	5	75.00	PATTERSON RIG CREWS	10	120.00

TOTAL PERSONNEL ON BOARD: 17
TOTAL HOURS ON BOARD: 243

MATERIALS/CONSUMPTION

ITEM	UNITS	USAGE	ON HAND	ITEM	UNITS	USAGE	ON HAND
DIESEL, RIG FUEL	gal	369	7325				