

9/19/2016 23:00 - 9/20/2016 06:00

Report# 1

Reg Work Time (hr) Tot Work Time (hr)

							DFS 0.0	
Well Info								
API	Surface Le	egal Location	Division		Field Name		Spud Date	
42-317-40524	S-, SV	Υ,	PERMIAN BAS	SIN DIVISION	SPRABERRY			
County		State	•	Ground Elevation (f	t)	Original K	B Elevation (ft)	
MARTIN		TEXAS		2,911		2,936		
Job Summary								
Job Category		Last Casing String		JOB AFE AMOUNT	(Cost)	Cum Field	Est To Date (Cost)	
DRILLING		CONDUCTOR, 1	05.0ft, KB	2,380,100.00		61,564.	87	
Daily One Summary								

Daily Ops Summary
RIG
UNIT 103 End Depth (ft, KB) 105.0 Daily Field Est Total (Cost) 61,564.87 Wellbore Name Progress (ft) Original Hole Hole Condition Cum Time Log Days (days) Drilling Hours (hr) Avg ROP (ft/hr)

CLEAR
Operations at Report Time GOOD 0.29

PICKING UP BHA

SKID RIG FROM UL 7-0213N 03SC, RIG UP AND PREP RIG TO SPUD

Well Name: UNIVERSITY 7-0213 N 04SA

Operations Next Report Period
DRILL SURFACE, TRIP OUT OF HOLE RUN CASING, WELD ON WELL HEAD AND NIPPLE UP BOPS AND TEST

Time Log									
Start Time	End Time	Dur (hr)	Activity	Code	Sub - Code	Unschd Type	Start Depth (ft, KB)	End Depth (ft, KB)	Com
	05:00	` '	MOVE RIG	LOC	3	.,,,,	105.0	105.0	PJSM, SKID RIG FROM THE UL 7-0213N 03SC - SKID RIG 25' AND CENTER OVER HOLE, RU CELLAR PUMP, MUD LINES, CATWALK (1 HR HAD TO REMOVE CATWALK CARRIER AND REINSTALL INTO TRACK), MISC. RIG UP AFTER
05:00	06:00	1.00	PU/LD BHA	TRP	1		105.0	105.0	SKID, TEST LINES TO 2500 PSI PU BIT, BS, 1 STAND WITH 17" STAB AND TAG BOTTOM AT

Head Count / Man Hours

Casing Strings											
Csg Des	OD (in)	Set Depth (ft, KB)	Top (ft, KB)	Run Date	Drift Min (in)	Wt/Len (lb/ft)	Dens Fluid (lb/gal)	P LeakOff (psi)			
PRODUCTION CASING											
INTERMEDIATE CASING											
CONDUCTOR	20	105.0	25.0	8/2/2016	18.54	133.00					
SURFACE CASING	13 3/8	532.0	-5.3	9/20/2016		54.50					



9/20/2016 06:00 - 9/21/2016 06:00

Report# 2

DFS 1.0

Well Name: UNIVERSITY 7-0213 N 04SA

Well Info									
API	Surface L	egal Location	Division		Field N	Name		Spud Date	9
42-317-40524	S- , S\	/Y,	PERMIAN BAS	IN DIVISION	SPRA	ABERRY		9/20/20	16
County		State		Ground Elevation (ft)			Original KI	B Elevation	(ft)
MARTIN		TEXAS		2,911			2,936		
Job Summary									
Job Category		Last Casing String		JOB AFE AMOUNT (Cost)		Cum Field	Est To Dat	te (Cost)
DRILLING		SURFACE CASING, 532	2.0ft, KB	2,380,100.00			166,555	5.36	
Daily Ops Summary									
RIG	Wellbore	Name	End Depth (ft, KB)		Progres	ss (ft)		Daily Field	Est Total (Cost)
UNIT 103	Origina	l Hole	800.0		695			104,990	0.49
Weather	Hole C	ondition	Drilling Hours	hr)		Avg ROP (ft/hr)			Cum Time Log Days (days)
CLEVD		ער	E E0			126.4			14.20

CLEAR GOOD 5.50 126.4 1.29

Operations at Report Time
DRILLING INTERMEDIATE HOLE

Operations Summary
DRILL SURFACE, TRIP OUT OF HOLE RUN CASING, AND CEMENT, NIPPLE UP BOP AND TEST, MAKE UP BHA AND DRILL SHOE TRACK, ROTATE & SLIDE DRILL FROM 532' TO 800, SURVEYS AND CONNECTIONS

Operations Next Report Period

Operations Next Report Period

Operations Next Report Period

Operations Next Report Period

Time ! a=									
Time Log				ı	1	Unschd			
Start Time	End Time	Dur (hr)	Activity	Code	Sub - Code	Туре	Start Depth (ft, KB)	End Depth (ft, KB)	Com
06:00	09:00	3.00	ROTARY DRILL	DRL	1		105.0	532.0	ROTATE DRILL FROM 105'-532' =427' @ 142 FPH. WOB 25 ROT 100, 750 GPM
09:00	09:30	0.50	CIRCULATE/C ONDITION	CIRC	1		532.0	532.0	CIRCULATE HOLE CLEAN
09:30	10:30	1.00	TRIP	TRP	2		532.0	532.0	TRIP OUT OF HOLE FOR CASING
10:30	11:00	0.50	SAFETY MEETING	RIG	7		532.0	532.0	HELD PJSM WITH CASING CREW AND RIG UP CASING CREW
11:00	12:00	1.00	RUN CASING	CSG	2		532.0	532.0	MAKE UP SHOE TRACK & RUN 13 JOINTS OF 13 3/8" SURFACE CASING,WASH LAST JT TO BTTM
12:00	12:30	0.50	CIRCULATE/C ONDITION	CIRC	1		532.0	532.0	CIRC CASING
12:30	14:00	1.50	CEMENTING	СМТ	2		532.0	532.0	HELD PJSM,RU CEMENTERS ,CEMENT SURFACE CASING, BUMP PLUG, FLOATS HELD, 78 BBL CMT TO SURFACE FCP 210 PSI
14:00	14:30	0.50	RIG UP/DOWN CEMENTERS	СМТ	1		532.0	532.0	R/D CEMENTERS
14:30	16:00	1.50	NU/ND BOP	ВОР	1		532.0	532.0	CUT CASING, INSTALL AND WELD WELL HEAD AND TEST SAME
16:00	20:00	4.00	NU/ND BOP	ВОР	1		532.0	532.0	PJSM - NU BOP AND CHOKE LINES, TESTED CHOKE MANIFOLD ,TOP DRIVE ,FLOOR VALVES WHILE FINISH NU BOP TO 250 PSI AND 5000 PSI. TEST MUD LINE TO 4000 PSI
20:00	22:30	2.50	TEST BOP	ВОР	2		532.0	532.0	FINISH TESTING BOP.TEST DART VALVE,TOP & BOTTOM RAMS,BLIND RAMS,KILL LINE & CHECK VALVE,HCR & MANUAL VALVE TO 5000 & 250 PSI.TEST ANNULAR TO 3500 & 250 PSI.
22:30	23:00		PRESSURE TEST CASING	EQT	1		532.0	532.0	TEST CASING TO 500 PSI FOR 30 MINUTES
23:00	23:30		MISCELLANE OUS	ОТН			532.0	532.0	SET WEAR BUSHING
23:30	00:00		MISCELLANE OUS	ОТН			532.0		INSTALL CELLAR COVERS, ADD 10" EXTENSION SPOOL TO FLOWLINE
00:00	03:00	3.00	PU/LD BHA	TRP	1		532.0	532.0	PU MUD MOTOR AND SCRIBE, PU MWD PROBE AND TEST MWD AND MM, PU BIT AND 11 3/4" NON MAG IBS AND TIH TO 499'
03:00	04:00	1.00	DRILL CEMENT/EQUI PMENT	DRL	4		532.0	532.0	DRILL SHOE TRACK FROM 499' TO 532'



Well Name: UNIVERSITY 7-0213 N 04SA

Daily Partner Report

9/20/2016 06:00 - 9/21/2016 06:00

Report# 2

DFS 1.0

Time Log													
Start Time	End Time	Dur (hr)	Activity	Code	Sub - Code	Unschd Type	Start Depth (ft, KB)	End Depth (ft, KB)	Com				
04:00	05:30		DIRECTIONAL DRILL	DRL	2		532.0		DIRECTIONAL DRILL FROM 532 ' TO 800' =268' @ 179 FPH, WOB 38K, RPM 60, 720 GPM SLIDE AS NEEDED TO MAINTAIN VERTICAL				
05:30 06:00 0.50 SURVEY SUR 1 SURVEYS AND CONNECTIONS													
Head Coun	t / Man Hou	rs											

Compan	у		Туре	Emp	Employee Type		Reg Work Time (hr)	Tot Work Time (hr)
Casing Strings								
Csg Des	OD (in)	Set Depth (ft, KB)	Top (ft, KB)	Run Date	Drift Min (in)	Wt/Len (lb/ft)	Dens Fluid (lb/gal)	P LeakOff (psi)
PRODUCTION CASING								
INTERMEDIATE CASING								
CONDUCTOR	20	105.0	25.0	8/2/2016	18.54	133.00		
SURFACE CASING	13 3/8	532.0	-5.3	9/20/2016		54.50		



9/21/2016 06:00 - 9/22/2016 06:00

Report# 3

Well Name: UNIVERSITY 7-0213 N 04SA

DFS 2.0

Well Info											
API 42-317-40)524		rface Legal Location , SVY,		Division PERMIAN E	SASIN DIV	/ISION	Field Name SPRABERRY		Spud Date 9/20/2016	
County		I	State				d Elevation ((ft)		KB Elevation (ft)	
MARTIN Job Sumr	narv		TEXAS			2,91	1		2,936		
Job Category			Last Casing St				AFE AMOUN	T (Cost)		eld Est To Date (Cost)	
DRILLING			SURFACE	CASING, 53	2.0ft, KB	2,38	0,100.00		204,7	14.78	
RIG	Summary	We	ellbore Name		End Depth (ft, k	(B)		Progress (ft)		Daily Field Est Tot	al (Cost)
UNIT 103			riginal Hole		3,528.0			2728		38,159.42	
Weather PARTLY (CLOUDY		Hole Condition GOOD		Drilling Ho	urs (hr)		Avg ROP (188.1	ft/hr)	2.29	me Log Days (days)
Operations at		TEDMEDIA	TE OFOTION								
Operations S	AHEAD IN IN	TERMEDIA	TE SECTION								
		RILL, SUR\	VEYS AND CONI	NECTIONS,	RIG SERVICE	AND TO	P DRIVE	INSPECTION			
	ext Report Period AHEAD IN IN	TERMEDIA	TE HOLE								
Time Log			_								
							Unschd			I	
Start Time 06:00	End Time 08:00	Dur (hr)	Activity DIRECTIONAL	DRL	Sub 2	- Code	Туре	Start Depth (ft, KB) 800.0	End Depth (ft, KB)	DIRECTIONAL	DRILL FROM
00.00	00.00	2.00	DRILL	DIKE				000.0	1,445.0	800' TO 1449' =	:649' WOB 38K,
										RPM 60, 720 G	PM
										1 SLIDE=10'	
08:00	10:00	2.00	SURVEY	SUR	1			1,449.0	1,449.0	CONN & SURV	EYS
10:00	13:00	3.00	DIRECTIONAL	DRL	2			1,449.0	1,920.0	DIRECTIONAL	
			DRILL							RPM 60, 720 G	=471' WOB 38K, PM
										4 SLIDE=54'	
13:00	14:30	1 50	SURVEY	SUR	1			1,920.0	1 920 0	CONN & SURV	FYS
14:30	15:00		RIG SERVICE	RIG	1			1,920.0		RIG SERVICE	
								,	,,,,,	INSPECTION	
15:00	17:00	2.00	DIRECTIONAL	DRL	2			1,920.0	2,204.0	DIRECTIONAL	
			DRILL							RPM 60, 770 G	=284' WOB 38K, PM
17:00	18:00	1.00	SURVEY	SUR	1			2 204 0	2 204 0	2 SLIDES=25'	CONNECTIONS
18:00	20:30		DIRECTIONAL	DRL	2			2,204.0	<u> </u>	DIRECTIONAL	
16.00	20.30	2.50	DRILL	DKL	2			2,204.0	2,771.0		=567' WOB 38K,
										RPM 60, 800 G	PM
										2 SLIDES=24'	
20:30	22:00	1.50	SURVEY	SUR	1			2,771.0	2,771.0		CONNECTIONS
22:00	23:00	1.00	DIRECTIONAL	DRL	2			2,771.0	3,055.0	DIRECTIONAL	DRILL FROM
			DRILL								=284' WOB 40K,
										RPM 65, 800 G	PIVI
										1 SLIDE=12'	
23:00	00:00		SURVEY	SUR	1			3,055.0			CONNECTIONS
00:00	00:30	0.50	RIG SERVICE	RIG	1			3,055.0	3,055.0	RIG SERVICE INSPECTION	AND TOP DRIVE
00:30	02:30	2.00	DIRECTIONAL	DRL	2			3,055.0	3,243.0	DIRECTIONAL	DRILL FROM
			DRILL					2,222.2	5,2	3055' TO 3243'	=188' WOB 40K
										-42K, RPM 65,	800 GPM
										2 SLIDES=25'	
02:30	03:00	0.50	SURVEY	SUR	1			3,243.0	3,243.0	SURVEYS AND	CONNECTIONS
03:00	05:00	2.00	DIRECTIONAL	DRL	2			3,243.0	3,528.0	DIRECTIONAL	
			DRILL							3243' 1O 3528' -42K, RPM 65,	=285' WOB 40K
05:00	06:00	1.00	SURVEY	SUR	1			3,528.0	2 529 0	3 SLIDES=33'	CONNECTIONS
	int / Man Hour		SURVET	SUR				3,528.0	3,528.0	SURVEYSAND	CONNECTIONS
neau Cou		npany		-	Гуре		Emp	oloyee Type	Count	Reg Work Time (I	nr) Tot Work Time (hr
Casing St	trings							<u> </u>		Dono Eluid	1
	Csg Des	OD (i	n) Set Depth (t	ft, KB)	Top (ft, KB)	Run	Date	Drift Min (in)	Wt/Len (lb/ft)	Dens Fluid (lb/gal)	P LeakOff (psi)
	TION CASING										
	DIATE CASIN	G	20	105.0	25.0	0/2/2016		105	122	00	
CONDUC' SURFACE		13	20 3 3/8	105.0 532.0		8/2/2016 9/20/201		18.54		.50	
33.11 AOL	- 3, 131110	IX	3.0	302.0	-0.0	J, _ U, _ U	~		1 34		



Well Info

Daily Partner Report

9/22/2016 06:00 - 9/23/2016 06:00

Well Name: UNIVERSITY 7-0213 N 04SA

Report# 4

DFS 3.0

^{АРІ} 42-317-405	524		, SVY,		PERMIAN BA	ASIN DIVISIO	ON	SPRABERRY		9/20/2016		
County MARTIN		•	State TEXAS		•	Ground Ele 2,911	vation (ft)	•	Original 2,936	KB Elevation (ft)		
Job Summ	ary		TEXAS			2,911			2,930			
Job Category DRILLING			Last Casing St	ring CASING, 53	2 Off KB	JOB AFE A		Cost)	Cum Fie 247,02	eld Est To Date (Cost)		
Daily Ops	Summary		SUKFACE	CASING, 55.	2.01t, ND	2,360,10	0.00		241,02	24.01		
RIG UNIT 103			llbore Name iginal Hole		End Depth (ft, KB 4,541.0	3)		Progress (ft) 1013		Daily Field Est Tota 42,310.03	I (Cost)	
Weather		<u> </u>	Hole Condition		Drilling Hou	rs (hr)		Avg ROP (ft/hr)	Cum Tin	ne Log Days (days)	
CLEAR Operations at F	Report Time		GOOD		10.00			101.3		3.29		
BACK REA Operations Sur		F HOLE W	ITH FISHING AS	SY								
	ND SLIDE DE		EYS AND CONN	IECTION, RI	G SERVICE AI	ND TD INSF	ECTIO	n, rig repair	, TOOH, P/U FIS	SHING ASSY, TIF	I, WASH AND	
Operations Nex	t Report Period											
	TH FISH ASS` SH, TOOH W/I		S AND REAMING	S AS NECES	SARY, P/U WII	PER ASSY,	MAKE \	NIPER TRIP, P	U FISHING ASS	Y, TIH W/ FISHIN	IG TOOLS,	
Time Log	,											
Start Time	End Time	Dur (hr)	Activity	Code	Sub - 0		schd	tart Depth (ft, KB)	End Depth (ft, KB)		om	
06:00	10:00		DIRECTIONAL	DRL	2	Jode 1	rpe S	3,528.0		DIRECTIONAL D		
			DRILL							3528' TO 4001' = -45K, RPM 65, 8		
										2 SLIDES=25'		
10:00 11:00	11:00		SURVEY	SUR	2			4,001.0 4.001.0	,	CONN & SURVE	_	
11.00	14.00	3.00	DRILL	DICE	2			4,001.0	4,070.0	4001' TO 4378' = -45K, RPM 65, 8	377' WOB 40K	
14:00	14:30		RIG SERVICE	RIG	1			4,378.0	4,378.0	RIG SERVICE A INSPECTION	ND TOP DRIVE	
14:30	15:00		SURVEY	SUR	1			4,378.0	,	CONN & SURVE		
15:00	18:00	3.00	DIRECTIONAL DRILL	DRL	2			4,378.0	4,541.0	DIRECTIONAL E 4378' TO 44541' 40K-45K, RPM 6	=163' WOB	
18:00	18:30	0.50	SURVEY	SUR	1			4,541.0	4,451.0	SURVEY AND C	ONNECTION	
18:30	19:00	0.50	CIRCULATE/C ONDITION	CIRC	1			4,541.0	4,541.0	INVESTIGAT LO PRESSURE, TO STRING WEIGH TWIST OFF, CIF TRIP	RQUE AND T POSSIBLE	
19:00	19:30	0.50	RIG SERVICE	RIG	1			4,541.0	,	CHANGE OUT E BRAKE ON DRII COUNCIL		
19:30	20:00	0.50	RIG REPAIR	RIG	2			4,541.0	4,541.0	CHANGE OUT E BRAKE ON DRII COUNCIL		
20:00	00:30	4.50	TRIP	TRP	2			4,541.0		TRIP OUT OF H	OLE WITH	
										DRILL PIPE, RA COLLARS AND TWIST OFF, FO THRUSTER PAF MANDREL, 136. LEFT IN HOLE	UND RTED AT	
00:30	03:00	2.50	FISHING	FISH	5			4,451.0	4,451.0	PLAN FISHING A GATHER TOOLS UP FISHING TO FLOOR	S AND MAKE	
03:00	04:00	1.00	FISHING	FISH	5			4,451.0	4,451.0	TRIP IN HOLE V	/ITH FISHING	
04:00	06:00	2.00	FISHING	FISH	5			4,451.0		TAG TIGHT HOL KELLY UP, WOF OF HOLE TO 11 WASH & REAM	RK PIPE OUT 50', CONT TO	
Head Coun	 nt / Man Hour	S								TOTAL NEAM	OUT OF HOLL	
	Com	pany		Т	уре		Employ	уее Туре	Count	Reg Work Time (h) Tot Work Time (hr)	
Casing Str	ings											
	Osg Des	OD (ii	n) Set Depth (f	t, KB)	op (ft, KB)	Run Date		Drift Min (in)	Wt/Len (lb/ft)	Dens Fluid (lb/gal)	P LeakOff (psi)	
PRODUCT	ION CASING DIATE CASING		20	105.0		3/2/2016		18.54			. Zoanon (poi)	



Well Name: UNIVERSITY 7-0213 N 04SA

Daily Partner Report

9/22/2016 06:00 - 9/23/2016 06:00

Report# 4

DFS 3.0

Casing Strings								
Csg Des	OD (in)	Set Depth (ft, KB)	Top (ft, KB)	Run Date	Drift Min (in)	Wt/Len (lb/ft)	Dens Fluid (lb/gal)	P LeakOff (psi)
SURFACE CASING	13 3/8	532.0	-5.3	9/20/2016		54.50		



9/23/2016 06:00 - 9/24/2016 06:00

Report# 5

DFS 4.0 Well Info Surface Legal Location S-, SVY, Spud Date 9/20/2016 42-317-40524 PERMIAN BASIN DIVISION SPRABERRY MARTIN **TEXAS** 2,911 2.936 Job Summary Cum Field Est To Date (Cost) 296,217.44 Job Category DRILLING JOB AFE AMOUNT 2,380,100.00

Last Casing String
SURFACE CASING, 532.0ft, KB Daily Ops Summary

End Depth (ft, KB) 4,541.0 Vellbore Name Daily Field Est Total (Cost) UNIT 103 0 Original Hole 49,192.63 Drilling Hours (hr) Avg ROP (ft/hr) Cum Time Log Days (days) Hole Condition PARTLY CLOUDY GOOD 4.29

WASHING OUT OF THE HOLE WITH CLEAN OUT ASSEMBLY

3.50 FISHING

FISH

Well Name: UNIVERSITY 7-0213 N 04SA

TOOH WITH FISHING ASSEMBLY, L/D, M/U BIT AND TIH TO 1162, WASH AND REAM AS NEEDED TO 2182, PACKED OFF, BACK REAM FROM 2182 TO 1881, ATTEMPT STRAIGHT PULL, WORK TIGHT HOLE, RESUME BACK REAM TO 1823, WASH OUT OF HOLE FROM 1823'

FINISH WASHING OUT OF HOLE WITH FIRST CLEAN OUT ASSEMBLY, PICK UP DRILL AND REAM FOR SECOND CLEAN OUT RUN AND ATTEMPT TO CLEAN OUT TO TOP OF FISH

Time Log									
Start Time	End Time	Dur (hr)	Activity	Code	Sub - Code	Unschd Type	Start Depth (ft, KB)	End Depth (ft, KB)	Com
06:00	08:30	2.50	FISHING	FISH	5		4,541.0	4,541.0	TOH & L/D FISHING ASSY
08:30	11:00	2.50	FISHING	FISH	5		4,541.0	4,541.0	M/U BIT & TIH TO 1162'
11:00	13:00	2.00	FISHING	FISH	5		4,541.0	4,541.0	WASH & REAM AS NEEDED F/1162' TO 2182'
13:00	23:00	10.00	FISHING	FISH	5		4,541.0	4,541.0	PACKED OFF, BACK REAM FROM 2182' TO 1881'
23:00	01:00	2.00	FISHING	FISH	5		4,541.0	4,541.0	KILL ROTARY, ATTEMPT STRAIGHT PULL WHILE PUMPING, WORK TIGHT HOLE AND ATTEMPT TO FREE UP, FREED UP AT 1864'
01:00	02:30	1.50	FISHING	FISH	5		4,541.0	4,541.0	BACK REAM FROM 1864' TO 1823', TORQUE AND DRAG FELL OFF, ATTEMPTED TO PUMP AND GAINED CIRCULATION @ 1823'

Head Count / Man Hours

06:00

02:30

Compa	Company Type			Em	ployee Type	Count	Reg Work Time (hr)	Tot Work Time (hr)
Casing Strings								
Csq Des OD (in) Set Depth (ft, KB) Top (ft, KB)				Run Date	Drift Min (in)	Wt/Len (lb/ft)	Dens Fluid (lb/gal)	P LeakOff (psi)

4,541.0

4,541.0

WASH AND REAM OUT OF HOLE FROM 1823' TO 463'

Csg Des	OD (in)	Set Depth (ft, KB)	Top (ft, KB)	Run Date	Drift Min (in)	Wt/Len (lb/ft)	(lb/gal)	P LeakOff (psi)
PRODUCTION CASING								
CONDUCTOR	20	105.0	25.0	8/2/2016	18.54	133.00		
SURFACE CASING	13 3/8	532.0	-5.3	9/20/2016		54.50		
INTERMEDIATE CASING	9 5/8	8,125.0	-6.4			40.00		



9/24/2016 06:00 - 9/25/2016 06:00

Report# 6

DFS 5.0

Reg Work Time (hr) Tot Work Time (hr)

Well Name: UNIVERSITY 7-0213 N 04SA

Well Info Surface Legal Location S- , SVY, State Spud Date 9/20/2016 42-317-40524 PERMIAN BASIN DIVISION SPRABERRY MARTIN **TEXAS** 2,911 2.936 Job Summary Job Category DRILLING Cum Field Est To Date (Cost) 352,840.98 JOB AFE AMOUNT 2,380,100.00 Last Casing String
SURFACE CASING, 532.0ft, KB Daily Ops Summary End Depth (ft, KB) 4,541.0 Wellbore Name Daily Field Est Total (Cost) UNIT 103 0 Original Hole 56,623.54 Drilling Hours (hr) Avg ROP (ft/hr) Cum Time Log Days (days) Hole Condition CLEAR GOOD Operations at Report Time PICKING UP 2 7/8" TUBING

TOH WITH CLÉAN OUT ASSY, RIG SERVICE, PICK UP SECOND CLEAN OUT ASSEMBLY WITH DRILL-N-REAM, WASH AND REAM IN HOLE, CIRCULATE AND MUD UP, TOOH WASHING TIGHT SPOTS, L/D CLEAN OUT ASSY, BREAK DOWN FISHING TOOLS, PICK UP 2-7/8" TUBING

FINISH PICKING UP TUBING, TIH WITH DP, CIRC, PUMP CEMENT PLUG, TOOH, CIRC, FINISH TOOH, BUILD BHA, WAIT ON CEMENT TO CURE

Time Log									
Start Time	End Time	Dur (hr)	Activity	Code	Sub - Code	Unschd Type	Start Depth (ft, KB)	End Depth (ft, KB)	Com
06:00	07:30	1.50	TRIP	TRP	2	Hole Conditi ons	4,541.0	4,541.0	TOH & INSPECT BIT-OK
07:30	08:00	0.50	RIG SERVICE	RIG	1		4,541.0	4,541.0	RIG SERVICE AND TOP DRIVE INSPECTION
08:00	09:30	1.50	PU/LD BHA	TRP	1	Hole Conditi ons	4,541.0	4,541.0	M/U BIT & DC'S
09:30	18:00	8.50	WASHING/RE AMING	REAM	1	Hole Conditi ons	4,541.0	4,541.0	WASH & REAM F/575 TO 4292'
18:00	22:30	4.50	CIRCULATE/C ONDITION	CIRC	1	Hole Conditi ons	4,541.0	4,541.0	CIR SWEEPS & CONDITION MUD, PUMP SLUG, ATTEMPT TO POOH, PULLED TIGHT, PUMPED 30BBL VIS SWEEP SURFACE TO SURFACE, WORK PIPE AND CLEAN UP HOLE
22:30	02:00	3.50	TRIP	TRP	2	Hole Conditi ons	4,541.0	4,541.0	TOOH WITH DRILL PIPE WASHING TIGHT SPOTS FROM 1,708' TO 1,328' AND 1,139' TO 857'
02:00	03:30	1.50	PU/LD BHA	TRP	1	Hole Conditi ons	4,541.0	4,541.0	L/D DRILL-N-REAM, RACK BACK DRILL COLLARS, BREAK BIT AND BIT SUB, LAY DOWN SAME
03:30	04:30	1.00	PU/LD BHA	TRP	1	Hole Conditi ons	4,541.0	4,541.0	BREAK DOWN FISHING TOOLS PREVIOUSLY LAID DOWN.
04:30	06:00	1.50	PU/LD TUBING	TRP	5	Hole Conditi ons	4,541.0	4,541.0	MOVE 29 JTS OF 2 7/8" TUBING TO CATWALK, BRING TUBING TOOLS TO RIG FLOOR AND CHANGE OUT ELEVATORS, PICK UP 2 7/8" TUBING

Head Count / Man Hours Employee Type

Casing Strings								
Csg Des	OD (in)	Set Depth (ft, KB)	Top (ft, KB)	Run Date	Drift Min (in)	Wt/Len (lb/ft)	Dens Fluid (lb/gal)	P LeakOff (psi)
PRODUCTION CASING								
CONDUCTOR	20	105.0	25.0	8/2/2016	18.54	133.00		
SURFACE CASING	13 3/8	532.0	-5.3	9/20/2016		54.50		
INTERMEDIATE CASING	9 5/8	5,676.0	-5.2			40.00		



9/25/2016 06:00 - 9/26/2016 06:00

Well Name: UNIVERSITY 7-0213 N 04SA

Report# 7

DFS 6.0

Well Info								1=			
^{АРІ} 42-317-405	524		rface Legal Location , SVY,		Division PERMIAN I	BASIN DI\	/ISION	Field Name SPRABERRY		Spud Date 9/20/2016	
County			State TEXAS		-	Grour 2,91	nd Elevation	(ft)	Original 2,936	KB Elevation (ft)	
MARTIN Job Summ	arv		TEXAS			2,91	ı		2,936		
Job Category	,		Last Casing S		0.044 IVD		AFE AMOUN			eld Est To Date (Cost)	
DRILLING Daily Ops	Summary		SURFACE	CASING, 53	2.011, KB	2,38	0,100.00		437,14	46.40	
RIG	·		ellbore Name		End Depth (ft,	KB)		Progress (ft)		Daily Field Est Tot	al (Cost)
UNIT 103 Weather			riginal Hole Hole Condition		4,541.0 Drilling H	ours (hr)		0 Avg ROP (fi	/hr)	81,630.42 Cum Ti	me Log Days (days)
RAIN	Description		GOOD							6.29	
Operations at F	Report Time JP DIRECTIOI	NAL TOOLS	6								
L/D TUBING Operations Nex	G, CUT AND G, M/U DIREC xt Report Period	CTIONAL TO	DOLS, TEST SAM	ME,				T CEMENT PLUG,		•	
M/U BIT, T	TH TO SHOE	AND SHUF	FFLE COLLARS	IN DERRICK	, TIH TO 250	00 AND C	IRC AT F	REDUCED RATE, \	WAIT ON CEME	NT, TROUGH A	ND TIME DRILL
Time Log			T	1			Unschd				
Start Time	End Time	Dur (hr)	Activity	Code		- Code	Type	Start Depth (ft, KB)	End Depth (ft, KB)		Com
06:00	07:00	1.00	PU/LD TUBING	TRP	5		Hole Conditi ons	4,541.0	4,541.0	FINISH PICKIN	G UP TUBING
07:00	08:00	1.00	CUT DRILL LINE	RIG	6		Hole Conditi ons	4,541.0	4,541.0	CUT AND SLIP	DRILL LINE
08:00	08:30	0.50	MISCELLANE OUS	ОТН			Hole Conditi ons	4,541.0	,	REMOVE TUBI RE INSTALL PI INSTALL DRILL ELEVATORS	
08:30	16:30	8.00	CONDITIONIN G TRIP	TRP	15		Hole Conditi ons	4,541.0	,	TIH WITH 2 7/8 STINGER, WAS NEEDED F/1,45	SH DOWN AS
16:30	17:30	1.00	CIRCULATE/C ONDITION	CIRC	1		Hole Conditi ons	4,541.0	,	CIRCULATE BO SHUT DOWN F STRAIGHT PUL STAND TO ENS TRAVEL	UMPS, LL AND LOWER
17:30	19:30	2.00	SET CEMENT PLUG	СМТ	4		Hole Conditi ons	4,541.0	ŕ	BBL FW, AND 5 MUD, REMOVE	FW AHEAD, PPG CEMENT, 5
19:30	20:00	0.50	TRIP	TRP	2		Hole Conditi ons	4,541.0	' I	TOOH WITH 12 DRILL PIPE AT TO 3,101'	
20:00	21:00	1.00	CIRCULATE/C ONDITION	CIRC	1		Hole Conditi ons	4,541.0	4,541.0	CIRCULATE BO TRACE CEMEN	OTTOMS UP / IT TO SURFACE
21:00	22:00	1.00	TRIP	TRP	2		Hole Conditi ons	4,541.0	4,541.0	TOOH WITH DI	RILL PIPE
22:00	01:00	3.00	PU/LD TUBING	TRP	5		Hole Conditi ons	4,541.0	,	L/D 29 JTS OF L/D TUBING EL SLIPS AND CO	EVATORS,
01:00	01:30	0.50	RIG SERVICE	RIG	1			4,541.0	,	SERVICE RIG A INSPECTION, O TOP DRIVE	AND TD CHANGE OIL IN
01:30	04:30	3.00	MISCELLANE OUS	ОТН			Hole Conditi ons	4,541.0	·	WHILE WAITIN DRESS ROTAT INSTALL DRAG CLEAN AND RE FLOOR	LINK TRAY,
04:30	06:00	1.50	PU/LD BHA	TRP	1		Hole Conditi ons	4,541.0	4,541.0	GATHER AND F DIRECTIONAL SAME	
Head Cour	nt / Man Hour										
	Com	pany		1	Гуре		Em	ployee Type	Count	Reg Work Time (I	nr) Tot Work Time (hr)
Casing Str	rings										
		OD (ii	n) Set Depth (ft KB)	Top (ft KP)	P	Date	Drift Min (in)	Wt/Len (lb/ft)	Dens Fluid	P LeakOff (psi)
PRODUCT CONDUCT			20	105.0		8/2/2016		18.54	133.		r LeakOif (psi)
SURFACE	CASING	13	3 3/8	532.0	-5.3	9/20/201	6		54.	50	



9/25/2016 06:00 - 9/26/2016 06:00

Report# 7

Well Name: UNIVERSITY 7-0213 N 04SA

DFS 6.0

200								DI 3 0.0
Csg Des NTERMEDIATE CASING	OD (in) 9 5/8	Set Depth (ft, KB) 5,676.0	Top (ft, KB) -5.2	Run Date	Drift Min (in)	Wt/Len (lb/ft) 40.00	Dens Fluid (lb/gal)	P LeakOff (psi)
	3 3/3	-,-:				10100		



Well Info
API
42-317-40524

Daily Partner Report

9/26/2016 06:00 - 9/27/2016 06:00

Well Name: UNIVERSITY 7-0213 N 04SA

Report# 8

DFS 7.0

42-317-40524 S- , SV County MARTIN Job Summary Job Category DRILLING Daily Ops Summary RIG Wellbore N UNIT 103 Sidetrac Weather Hole Cc CLOUDY GOOI Operations at Report Time TIME DRILLING AT 1.25'/HR Operations Summary PICK UP DIRECTIONAL TOOLS, TEST S WASHING AS NEEDED, FIND CEMENT Operations Next Report Period CONTINUE TO KICK OFF AND TIME DI	State TEXAS Last Casing String SURFACE CASING, 532 Name ck 1 podition D SAME, WAIT ON CEMEN PLUG TOP AND DRESS	2,9°	nd Elevation (t	<u> </u>	2,936 Cum Fiel 975,83	Daily Field Est Total 39,139.24	(Cost)
County MARTIN Job Summary Job Category DRILLING Daily Ops Summary RIG UNIT 103 Weather CLOUDY Operations at Report Time TIME DRILLING AT 1.25'/HR Operations Summary PICK UP DIRECTIONAL TOOLS, TEST S WASHING AS NEEDED, FIND CEMENT Operations Next Report Period CONTINUE TO KICK OFF AND TIME DI Time Log	State TEXAS Last Casing String SURFACE CASING, 532 Name ck 1 podition D SAME, WAIT ON CEMEN PLUG TOP AND DRESS	Grou 2,9° 2.0ft, KB JOB 2,38 End Depth (ft, KB) 3,582.0 Drilling Hours (hr) 7.00 IT, RIG SERVICE AN	nd Elevation (i	(Cost) Progress (ft) 7 Avg ROP (ft/h	2,936 Cum Fiel 975,83	d Est To Date (Cost) 3.85 Daily Field Est Total 39,139.24	(Cost)
Job Summary Job Category DRILLING Daily Ops Summary RIG Wellbore N Weather Hole Cc CLOUDY GOOD Operations at Report Time TIME DRILLING AT 1.25'/HR Operations Summary PICK UP DIRECTIONAL TOOLS, TEST S WASHING AS NEEDED, FIND CEMENT Operations Next Report Period CONTINUE TO KICK OFF AND TIME DI Time Log	Last Casing String SURFACE CASING, 532 Name ck 1 nondition D SAME, WAIT ON CEMEN PLUG TOP AND DRESS	2.0ft, KB JOB 2,38 End Depth (ft, KB) 3,582.0 Drilling Hours (hr) 7.00 IT, RIG SERVICE AN	AFE AMOUNT	Progress (ft) 7 Avg ROP (ft/r	Cum Fiel 975,83	Daily Field Est Total 39,139.24	(Cost)
Job Category DRILLING Daily Ops Summary RIG UNIT 103 Sidetrac Weather CLOUDY Operations at Report Time TIME DRILLING AT 1.25'/HR Operations Summary PICK UP DIRECTIONAL TOOLS, TEST S WASHING AS NEEDED, FIND CEMENT Operations Next Report Period CONTINUE TO KICK OFF AND TIME DI Time Log	SAME, WAIT ON CEMEN PLUG TOP AND DRESS	End Depth (ft, KB) 3,582.0 Drilling Hours (hr) 7.00 IT, RIG SERVICE AN		Progress (ft) 7 Avg ROP (ft/r	975,83	Daily Field Est Total 39,139.24	(Cost)
Daily Ops Summary RIG Wellbore N Sidetrac Weather Hole CC CLOUDY GOOI Operations at Report Time TIME DRILLING AT 1.25'/HR Operations Summary PICK UP DIRECTIONAL TOOLS, TEST S WASHING AS NEEDED, FIND CEMENT Operations Next Report Period CONTINUE TO KICK OFF AND TIME DI Time Log	Name ck 1 podition D SAME, WAIT ON CEMEN PLUG TOP AND DRESS	End Depth (ft, KB) 3,582.0 Drilling Hours (hr) 7.00 IT, RIG SERVICE AN	50,100.00	7 Avg ROP (ft/r		Daily Field Est Total 39,139.24	(Cost)
UNIT 103 Weather CLOUDY Operations at Report Time TIME DRILLING AT 1.25'/HR Operations Summary PICK UP DIRECTIONAL TOOLS, TEST S WASHING AS NEEDED, FIND CEMENT Operations Next Report Period CONTINUE TO KICK OFF AND TIME DI Time Log	ck 1 podition D SAME, WAIT ON CEMEN PLUG TOP AND DRESS	3,582.0 Drilling Hours (hr) 7.00 IT, RIG SERVICE AN		7 Avg ROP (ft/r	ır)	39,139.24	(Cost)
Weather CLOUDY Operations at Report Time TIME DRILLING AT 1.25'/HR Operations Summary PICK UP DIRECTIONAL TOOLS, TEST S WASHING AS NEEDED, FIND CEMENT Operations Next Report Period CONTINUE TO KICK OFF AND TIME DI Time Log	ondition D SAME, WAIT ON CEMEN PLUG TOP AND DRESS	Drilling Hours (hr) 7.00 IT, RIG SERVICE AN			ır)		
Operations at Report Time TIME DRILLING AT 1.25'/HR Operations Summary PICK UP DIRECTIONAL TOOLS, TEST S WASHING AS NEEDED, FIND CEMENT Operations Next Report Period CONTINUE TO KICK OFF AND TIME DI Time Log	SAME, WAIT ON CEMEN PLUG TOP AND DRESS	IT, RIG SERVICE AN		1.0			e Log Days (days)
Operations Summary PICK UP DIRECTIONAL TOOLS, TEST S WASHING AS NEEDED, FIND CEMENT Operations Next Report Period CONTINUE TO KICK OFF AND TIME DI Time Log	PLUG TOP AND DRESS					7.29	
PICK UP DIRECTIONAL TOOLS, TEST S WASHING AS NEEDED, FIND CEMENT Operations Next Report Period CONTINUE TO KICK OFF AND TIME DI Time Log	PLUG TOP AND DRESS						
CONTINUE TO KICK OFF AND TIME DI	RILL. ROTARY AND SLI				SPECT DRILL (COLLARS, TRIP	IN THE HOLE
	,	DE DRILL, SURVEYS	AND CO	NNECTIONS, RIG	SERVICE AND	TOP DRIVE INS	PECTION
Start Time End Time Dur (hr)							
	Activity Code	Sub - Code	Unschd Type	Start Depth (ft, KB)	End Depth (ft, KB)	C	om
06:00 07:30 1.50 PU/L	-	1	Sidetra ck	4,541.0	4,541.0	INSTALL MWD, ¹ MAKE UP BIT AN NMDC	TEST SAME,
07:30 08:00 0.50 RIG	SERVICE RIG	1	Sidetra ck	4,541.0	4,541.0	SERVICE RIG AN INSPECTION	ND TD
08:00 11:00 3.00 TRIP	TRP	2		4,541.0	,	MOVE 4- 6 1/2" [COLLARS FROM SIDE TO OFF DE AND WAIT FOR INSPECTORS	I DRILLER RILLERS SIDE
11:00 15:30 4.50 TRIP	TRP	2	Sidetra ck	4,541.0	′ 1	TIH, INSPECT DO SUBS	C'S & X/O
15:30 17:00 1.50 WAI ⁻ CEM		1	Sidetra ck	4,541.0	,	INSTALL THREA PROTECTORS (CASING AND W CEMENT	N EXCESS
17:00 20:00 3.00 TRIP	TRP	2	Sidetra ck	4,541.0	,	TRIP IN THE HO WASHING TIGH NECESSARY(89 2,139', 2,212'	T SPOTS AS
20:00 21:00 1.00 CIRC OND	CULATE/C CIRC PITION	1	Sidetra ck	4,541.0	-	PACKED OFF AT WORKED PIPE A ESTABLISHED C AND CLEANED I	AND IRCULATION
21:00 22:00 1.00 WAS AMIN		1	Sidetra ck	4,541.0	,-	WASH AND REA TO TOP OF CEM AT 3,563;	,
22:00 22:30 0.50 DRIL CEM PME	ENT/EQUI	4	Sidetra ck	4,541.0	,	DRILL GOOD HA PLUG FROM 3,5 TO DRESS PLUC MOTOR BEND	63' TO 3,575'
22:30 23:00 0.50 SIDE G	TRACKIN DRL	7	Sidetra ck	4,541.0	,	WORK TROUGH TO 3,575' AT A 2	,
23:00 04:00 5.00 SIDE G		7	Sidetra ck	3,575.0	,	SLIDE DRILL KIO CMT PLUG WHII DRILLING AT 1//I TOOL FACE FRO 3,580'=5', 450 GI BICO SS100 7/8 MOTOR	LE TIME HR WITH A 211° DM 3,575' TO PM,WITH A 4.0 1.83° ADJ
04:00 06:00 2.00 SIDE G	TRACKIN DRL	7	Sidetra ck	3,580.0	,	SLIDE DRILL KIC CMT PLUG WHII DRILLING AT 1.2 211° TOOL FACE TO 3,582'=2', 450 BICO SS100 7/8 MOTOR	LE TIME 5'/HR WITH A E FROM 3,580') GPM,WITH A
Head Count / Man Hours Company	Ту	pe	Empl	oyee Type	Count	Reg Work Time (hr	Tot Work Time (hr)
Cooling State							
Casing Strings		(6.147)				Dens Fluid	51
	105.0 532.0 5,631.0	25.0 8/2/2016 -5.3 9/20/201 -5.0		Drift Min (in)	Wt/Len (lb/ft) 133.0 54.5 40.0	50	P LeakOff (psi)
			6				



Well Info

Daily Partner Report

9/27/2016 06:00 - 9/28/2016 06:00

Report# 9

Well Name: UNIVERSITY 7-0213 N 04SA

DFS 8.0

42-317-405	524		-, SVY,		PERMIAN BASI	N DIVISION	SPRABERRY		9/20/2016
County MARTIN		•	State TEXAS		•	Ground Elevation 2,911	(ft)	Original 2,936	KB Elevation (ft)
Job Summ	ary		1127010			2,011		12,000	
Job Category DRILLING			Last Casing St	cring CASING, 532	onft KB	JOB AFE AMOUN 2,380,100.00			eld Est To Date (Cost) ,602.21
Daily Ops	Summary		OOM AGE	07101110, 002	2.011, 112	2,000,100.00		1,017	,002.21
RIG UNIT 103			ellbore Name idetrack 1		End Depth (ft, KB) 4,063.0		Progress (ft) 481		Daily Field Est Total (Cost) 41,768.36
Weather CLEAR			Hole Condition GOOD		Drilling Hours (h	nr)	Avg ROP ((ft/hr)	Cum Time Log Days (days) 8.29
Operations at F	Report Time AHEAD IN IN	ITEDMEDIA			20.00		=		10.20
Operations Sur	mmary								
Operations Nex	kt Report Period		LL, DIRECTIONAL AD IN INTERMED		i		i		CTION, CIR, SHORT TRIP, TOH
Time Log									
Start Time	End Time	Dur (hr)	Activity	Code	Sub - Code	Unschd e Type	Start Depth (ft, KB)	End Depth (ft, KB)	Com
06:00	08:00	2.00	•	DRL	7	Sidetra	3,582.0		SLIDE DRILL KICKING OFF
			G			ck			CMT PLUG WHILE TIME DRILLING AT 1.25'/HR WITH A 211° TOOL FACE FROM 3,582' TO 3,585'=3', 450 GPM,WITH A BICO SS100 7/8 4.0 1.83° ADJ MOTOR
08:00	11:00		SIDETRACKIN G	DRL	7	Sidetra ck	3,585.0	,	SLIDE DRILL KICKING OFF CMT PLUG WHILE TIME DRILLING AT 1.67'/HR WITH A 211° TOOL FACE FROM 3,585' TO 3,590'=5', 450 GPM,WITH A BICO SS100 7/8 4.0 1.83° ADJ MOTOR
11:00	13:00	2.00	SIDETRACKIN G	DRL	7	Sidetra ck	3,590.0	3,595.0	SLIDE DRILL KICKING OFF CMT PLUG WHILE TIME DRILLING AT 2.25'/HR WITH A 211° TOOL FACE FROM 3,590' TO 3,595'=5', 450 GPM,WITH A BICO SS100 7/8 4.0 1.83° ADJ MOTOR
13:00	14:30	1.50	SIDETRACKIN G	DRL	7	Sidetra ck	3,595.0	3,607.0	SLIDE DRILL KICKING OFF CMT PLUG WHILE TIME DRILLING AT 10'/HR WITH A 211° TOOL FACE FROM 3,595' TO 3,607'=12', 450 GPM,
14:30	15:00	0.50	DIRECTIONAL DRILL	DRL	2		3,607.0	3,617.0	ROTATE F/3607 TO 3617=10' WOB 22 GPM 450 RPM 20
15:00	15:30	0.50	RIG SERVICE	RIG	1		3,617.0	3,617.0	SERVICE RIG AND TD INSPECTION
15:30	17:00	1.50	DIRECTIONAL DRILL	DRL	2		3,617.0	3,647.0	SLIDE F/ 3,617' TO 3,637'=20', TF AT 211°M, ROTATE F/3637 TO 3647=10' WOB 22 GPM 450 RPM 20
17:00	17:30	0.50	SURVEY	SUR	1		3,647.0	3,647.0	SURVEYS AND CONNECTION
17:30	19:30	2.00	DIRECTIONAL DRILL	DRL	2		3,647.0		SLIDE F/ 3,647' TO 3,662'=15', TF AT 211°M, ROTATE F/3662 TO 3672=10' WOB 22 GPM 450 RPM 20, SLIDE F/ 3672 TO 3683=11' TF @ 211°M
19:30	20:00	l	SURVEY	SUR	1		3,683.0	· · · · · · · · · · · · · · · · · · ·	SURVEYS AND CONNECTIONS
20:00	22:00		DIRECTIONAL DRILL	DRL	2		3,683.0		SLIDE F/ 3,683' TO 3,693'=10', TF AT 211°M, ROTATE F/3693 TO 3703=10' WOB 22 GPM 450 RPM 20, SLIDE F/ 3703 TO 3714=11' TF @ 211°M
22:00	22:30	1	SURVEY	SUR	1		3,714.0		SURVEYS AND CHECK SHOTS
22:30	23:30	1.00	DIRECTIONAL DRILL	DRL	2		3,714.0	3,778.0	ROTATE F/3714 TO 3778=64' WOB 30 GPM 525 RPM 20
23:30	00:00	0.50	SURVEY	SUR	1		3,778.0	3,778.0	SURVEY AND CONNECTION
00:00	01:00	1.00	DIRECTIONAL DRILL	DRL	2		3,778.0	3,873.0	ROTATE F/3778 TO 3873=95' WOB 32 GPM 650 RPM 50
01:00	01:30	0.50	SURVEY	SUR	1		3,873.0	3,873.0	SURVEYS AND CONNECTION
01:30	02:30		DIRECTIONAL	DRL	2		3,873.0		SLIDE F/ 3873' TO 3886'=13' TF @ 30°M
		<u> </u>	DIVILL	1	<u> </u>				10 00 m



Well Name: UNIVERSITY 7-0213 N 04SA

Daily Partner Report

9/27/2016 06:00 - 9/28/2016 06:00

Report# 9

DFS 8.0

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Time Log									
Start Time	End Time	Dur (hr)	Activity	Code	Sub - Code	Unschd Type	Start Depth (ft, KB)	End Depth (ft, KB)	Com
02:30	03:00	0.50	DIRECTIONAL DRILL	DRL	2		3,886.0	3,968.0	ROTATE F/3886 TO 3968=82' WOB 40 GPM 650 RPM 50
03:00	03:30	0.50	RIG SERVICE	RIG	1		3,968.0	3,968.0	SERVICE RIG AND INSPECT TOP DRIVE, TOP DRIVE TRACK AND KELLY HOSE
03:30	04:00	0.50	SURVEY	SUR	1		3,968.0	3,968.0	SURVEYS AND CONNECTION
04:00	04:30	0.50	DIRECTIONAL DRILL	DRL	2		3,968.0	3,978.0	SLIDE F/3968 TO 3978=10' TF @ 30°M
04:30	06:00	1.50	DIRECTIONAL DRILL	DRL	2		3,978.0	4,063.0	ROTATE F/3978 TO 4063=85' WOB 40 GPM 650 RPM 50

Head Count / Man Hours

Company Type Employee Type Count Reg Work Time (hr) Tot Work Time (hr)

Casing Strings								
Csg Des	OD (in)	Set Depth (ft, KB)	Top (ft, KB)	Run Date	Drift Min (in)	Wt/Len (lb/ft)	Dens Fluid (lb/gal)	P LeakOff (psi)
PRODUCTION CASING								
CONDUCTOR	20	105.0	25.0	8/2/2016	18.54	133.00		
SURFACE CASING	13 3/8	532.0	-5.3	9/20/2016		54.50		
INTERMEDIATE CASING	9 5/8	5,631.0	-5.0			40.00		



Well Name: UNIVERSITY 7-0213 N 04SA

Daily Partner Report

9/28/2016 06:00 - 9/29/2016 06:00

Report# 10

toport# 10

												DFS	5 9.0
Well Info													
^{API} 42-317-405	524		rface Legal Location , SVY,		Divisio PER			IVISION	Field Name SPRABERRY		Spud Date 9/20/2016		
County MARTIN			State TEXAS				Gro 2,9	ound Elevation	(ft)	Original 2,936	KB Elevation (ft)		
Job Summ	ary		1127010				12,0	,,,		[2,000			
Job Category	-		Last Casing S	-	500.00	L/D		B AFE AMOUN	T (Cost)		eld Est To Date (Cos	:)	
DRILLING Daily Ops	Summary		SURFACI	E CASING,	, 532.0ft, I	KB	2,3	380,100.00		1,061	,223.46		
RIG	ouriniar y	We	ellbore Name		End D	Depth (ft, I	KB)		Progress (ft)		Daily Field Est To	tal (Cost)	
UNIT 103			detrack 1		5,65				1588		43,621.25		
Weather CLEAR			Hole Condition GOOD			Drilling Ho	ours (hr)		Avg ROP (ft/hr)	9.29	Time Log Day	ys (days)
Operations at F											3.20		
Operations Sur	-	AROUND A	ND CLEAN HOL	E									
		ORILL IN IN	TERMEDIATE, S	SURVEYS	AND CO	NNECT	TIONS, F	RIG SERVI	CE AND TOP DE	RIVE INSPECTIO	N, CIRCULATE	FOR TR	NP.
	t Report Period IP, CIRC, TO	OOH FOR (CASING, L/D DIF	RECTIONA	L TOOLS	S, RIG	UP AND	RUN CAS	SING, CEMENT IN	NTERMEDIATE C	ASING		
Time Log													
Ctant Times	Fad Tasa	Desir (har)	A satis day.		4.	CL	- Code	Unschd	Ctart Danth (ft ICD)	Ford Doorth (# I/D)		0	
Start Time 06:00	End Time 09:00	Dur (hr) 3.00	Activity DIRECTIONAL	DRL Co		2	- Code	Туре	Start Depth (ft, KB) 4,063.0	End Depth (ft, KB) 4,251.0	DIR DRILL F/4	Com 063 TO 4	251=188'
			DRILL							•	WOB 40 GPM 2 SLIDES=27'	680 RPI	M 50
09:00	10:00		SURVEY	SUR		1			4,251.0		CONN & SURV		
10:00	13:00	3.00	DIRECTIONAL DRILL	DRL		2			4,251.0	4,439.0	DIR DRILL F/4 WOB 40 GPM 1 SLIDES=12'		
13:00	13:30	0.50	RIG SERVICE	RIG		1			4,439.0	4,439.0	SERVICE RIG INSPECTION	AND TD	
13:30	17:30	4.00	DIRECTIONAL DRILL	DRL	:	2			4,439.0	4,724.0	DIR DRILL F/4 WOB 40 GPM		
17:30	18:00	0.50	SURVEY	SUR		1			4,724.0	4,724.0	SURVEYS AND	CONNE	CTIONS
18:00	01:00	7.00	DIRECTIONAL DRILL	DRL		2			4,724.0	5,387.0	DIR DRILL F/4 WOB 40 GPM		
01:00	01:30	0.50	SURVEY	SUR		1			5,387.0	5,387.0	SURVEYS AND	CONNE	CTIONS
01:30	02:00	0.50	RIG SERVICE	RIG		1			5,387.0	5,387.0	SERVICE RIG TOP DRIVE, TO TRACK AND K	OP DRIVE	Ē
02:00	04:30	2.50	DIRECTIONAL DRILL	DRL	:	2			5,387.0	5,651.0	DIR DRILL F/5 WOB 42 GPM		
04:30	06:00	1.50	CIRCULATE/C ONDITION	CIRC		1			5,651.0	5,651.0	CIRCULATE 2 VIS SWEEPS SURFACE		
Head Coun	t / Man Hou	rs											
	Cor	mpany			Туре			Emp	oloyee Type	Count	Reg Work Time	(hr) Tot W	ork Time (hr)
Casing Str	ings						1		I		Dens Fluid		
	Sg Des ION CASING	OD (i	in) Set Depth	(ft, KB)	Top (ft, k	(B)	Ru	ın Date	Drift Min (in)	Wt/Len (lb/ft)	(lb/gal)	P Lea	akOff (psi)
CONDUCT			20	105.0		25.0	8/2/201	16	18.5	4 133	.00		
SURFACE	CASING	1:	3 3/8	532.0			9/20/20			54.			
INTERMED	IATE CASIN	IG 9	9 5/8	5,631.0		-5.0				40.			



9/29/2016 06:00 - 9/30/2016 06:00

Report# 11

Well Info										DFS 10.0			
Well Info													
API	504		rface Le	gal Location			vision	DACINI	DIV/ICION	Field Name SPRABERRY		Spud Date	
42-317-40 County	524	5-	-, SV	State			ERIVIIAN		DIVISION round Elevation	-	Origina	9/20/2016 If KB Elevation (ft)	
MARTIN Job Sumn	2011			TEXAS				2	,911		2,936	3	
Job Suffili	iai y			Last Casing Str	ring			JC	OB AFE AMOUN	NT (Cost)	Cum Fi	ield Est To Date (Cost)	
DRILLING				INTERMED KB	OIATE C	CASING,	5,631.0ft,	2	,380,100.00)	1,228	3,560.15	
Daily Ops RIG	Summary	Twa	ellbore N	lame		IE,	nd Depth (ft, I	KB)		Progress (ft)		Daily Field Est Tot	al (Cost)
UNIT 103		Si	idetrac	k 1			,651.0	ĺ		0		167,336.69	
Weather CLEAR Operations at	Danart Time		Hole Co				Drilling Ho	ours (hr)		Avg ROP	(ft/hr)	Cum T 10.29	me Log Days (days)
CEMENTII	NG 9 5/8												
HOLE CLE	TE SHAKERS EAN, TOOH, I									00' ABOVE SIDET CASING, CIRC F			
	ext Report Period EMENTING,S	ET PACK O	FF, RI	IG DOWN F	REP F	OR SKII	O AND RE	LEASE	RIG				
Time Log									1				
Start Time	End Time	Dur (hr)		Activity		Code	Sub	- Code	Unschd Type	Start Depth (ft, KB)	End Depth (ft, KB)		Com
06:00	06:30	0.50		CULATE/C ITION	CIRC		1			5,651.0	5,651.0	CIR HOLE CLE	,
06:30	07:30	1.00	TRIP		TRP		2			5,651.0	5,651.0		ASH AS NEEDED
07:30	08:00	0.50	WAS AMIN	HING/RE IG	REAM	1	1			5,651.0	5,651.0	BACK REAM FA BIT DEPTH, D8 3494'	
08:00	10:00	2.00	TRIP	1	TRP		2			5,651.0	5,651.0	TOH TO 3475,	TIH TO BTM
10:00	11:30	1.50		CULATE/C ITION	CIRC		1			5,651.0	5,651.0	CIR HI VIS SW	EEP
11:30	13:00		TRIP		TRP		2			5,651.0	,	TOH F/CASING	
13:00	13:30			SERVICE	RIG		1			5,651.0	,	HYDRAULIC H	
13:30	17:30		TRIP		TRP		2			5,651.0	,	MWD) MOTOR, BIT &
17:30	18:00		ous		ОТН					5,651.0	,	PULL WEAR B	
18:00	19:00		CSG	UP/DOWN CREW			1			5,651.0	,	PJSM AND RIG	
19:00	19:30			CASING	CSG		2			5,651.0		THROUGH ANI	E TRACK, PUMP D TEST FLOATS
19:30	22:00			CASING	CSG		2			5,651.0	,	RUN CASING T	Γ1320'
22:00	22:30	0.50		CULATE/C ITION	CIRC		1			5,651.0	5,651.0	CIRCULATE BO AND SHAKERS 2300'	
22:30	03:00	4.50	RUN	CASING	CSG		2			5,651.0	5,651.0		LATION AT 4500', TAG JT, LAY OUT
03:00	04:00		OND	CULATE/C ITION	CIRC		1			5,651.0	,	HEAD, CIRCUL UP AND SHAKI WHILE RIGGIN CASERS, PJSM CEMENTERS	IG DOWN I WITH
04:00	06:00	2.00		UP/DOWN ENTERS	СМТ		1			5,651.0	5,651.0	SWAP OVER T LINES AND BE CEMENTING P	
Head Cou	nt / Man Hou		•			_				.			A T-1M/2 T-1
	Cor	mpany				Туре			Em	ployee Type	Count	Reg Work Time (I	nr) Tot Work Time (hr)
Casing St	rings			1							1	Dens Fluid	
	Csg Des	OD (in)	Set Depth (f	t, KB)	Тор	(ft, KB)	F	Run Date	Drift Min (in)	Wt/Len (lb/ft)		P LeakOff (psi)
PRODUCT CONDUCT	TION CASING TOR		20		105.0		25.0	8/2/20	116	18.5	4 133	3.00	
SURFACE		1:	3 3/8		532.0			9/20/2		10.5		l.50	
INTERME	DIATE CASIN	IG !	9 5/8	5,	631.0		28.0	9/30/2	2016		40	0.00	



9/30/2016 06:00 - 10/1/2016 06:00

Report# 12 Well Name: UNIVERSITY 7-0213 N 04SA **DFS 11.0** Well Info Surface Legal Location S- , SVY, Spud Date 9/20/2016 42-317-40524 PERMIAN BASIN DIVISION SPRABERRY MARTIN **TEXAS** 2,911 2.936 Job Summary Job Category DRILLING JOB AFE AMOUN 2,380,100.00 Cum Field Est To Da 1,262,191.63 Last Casing String INTERMEDIATE CASING, 5,631.0ft, Daily Ops Summary Progress (ft) End Depth (ft, KB) 5,651.0 Daily Field Est 33,631.48 Total (Cost) UNIT 103 Sidetrack 1 vg ROP (ft/hr) ne Log Days (days) 10.54 CLEAR GOOD RIG UP CEMENTERS CEMENT INTERMEDIATE, R/D CEMENTERS, SET PACK OFF, TEST SAME, N/D INSTALL NIGHT CAP, RIG RELEASED RIG RELEASED TO UNIVERSITY 7-0123 N 05 SC @ 12:00 9/30/2016 Time Log Unschd Type Start Time End Time Sub - Code Start Depth (ft, KB) End Depth (ft, KB) Dur (hr) Com 3.00 CEMENTING Code 5,651.0 06:00 09:00 СМТ 5,651.0 CMT 09:00 09:30 0.50 RIG UP/DOWN СМТ 5,651.0 5,651.0 R/D CEMENTERS **CEMENTERS** 09:30 12:00 2.50 NU/ND BOP BOP 5,651.0 5,651.0 INSTALL PACKOFF & TEST TO 5000 PSI, N/D BOP, INSTALL NIGHT CAP, RIG RELEASED@12:00 Head Count / Man Hours Employee Type Reg Work Time (hr) Tot Work Time (hr) Туре **Casing Strings** Dens Fluid (lb/gal) Csg Des
PRODUCTION CASING OD (in) Set Depth (ft, KB) Top (ft, KB) Run Date Drift Min (in) Wt/Len (lb/ft) P LeakOff (psi) CONDUCTOR 20 105.0 25.0 8/2/2016 18.54 133.00 SURFACE CASING 13 3/8 532.0 -5.3 9/20/2016 54.50 INTERMEDIATE CASING 9 5/8 5,631.0 28.0 9/30/2016 40.00



11/6/2016 23:00 - 11/7/2016 06:00

	MINEKOII	ΓY 7-0	0213 N	04SA									ŀ	Report# 13
														DFS 12.0
Well Info		, ,			In:					15			Io	
API 42-317-40524		ırface Lei - , SV`	gal Location Y,		Divis		BASIN	N DIVISIO	N	Field Name SPRABERRY			Spud Date 9/20/2016	
County MARTIN			State TEXAS				1	Ground Eleva		(ft)		Original k	KB Elevation (ft)	
Job Summary			127010				l.	2,011				.,000		
Job Category DRILLING			Last Casing INTERMI KB		CASING, 5	,631.0ft,		JOB AFE AM 2,380,100		T (Cost)			d Est To Date (Cost) 163.52	
Daily Ops Summary														
RIG UNIT 103		ellbore N idetracl				Depth (ft, l	KB)			Progress (ft)			Daily Field Est Tota 24,603.58	al (Cost)
Weather CLEAR	15	Hole Co	ndition		0,0	Drilling H	ours (hr	r)		Avg ROP (ft/hr)			ne Log Days (days)
Operations at Report Time		GOOL	,										10.63	
TESTING CASING Operations Summary														
SKID RIG FROM UNIV Operations Next Report Period		213 N	05 SC A	ND CEN	TER OVER	R WELL	HEAD	D, RIG UP	AN	ID N/U AFTER S	KID, PRESS	URE	TEST BOP'S	
P/U DIRECTIONAL TO	OOLS, TIH, I	DRILL	FLOAT E	QUIP, D	ISPLACE	TO OBM	1, RO	TARY AN	D S	LIDE DRILL TO I	MAINTAIN V	'ERTIC	CAL, DROP GY	RO
Time Log		_												
Start Time End Time	Dur (hr)		Activity		Code	Sub	- Code	Unscl Type		Start Depth (ft, KB)	End Depth (ft	KB)	(Com
23:00 01:00	2.00	MOV	E RIG	LOC		3				8,148.0	8,1	-	SKID RIG FROM 0213 N 05 SC A OVER WELL HE	-
01:00 03:30	2.50	NU/N	D BOP	ВОР		1				8,148.0	8,1	 - - -	FINISH NU BOF	D LINES. E P VALVES WHILE TO 250 PSI TEST MUD LINE JLL ROTATING
06:00	2.50	TEST	ВОР	ВОР		2				8,148.0	8,1] } 1 		OP & BOTTOM AMS,KILL LINE
Head Count / Man Hou				•	T				F	Januar Toma			Dan Ward, Time /h	Tat Mark Time (ba)
	mpany				Туре				Emp	oloyee Type	Cour	ıt	Reg Work Time (h	r) Tot Work Time (hr
Casing Strings													<u> </u>	•
Csg Des	OD (in)	Set Depth	n (ft, KB)	Top (ft	, KB)		Run Date		Drift Min (in)	Wt/Len	(lb/ft)	Dens Fluid (lb/gal)	P LeakOff (psi)
PRODUCTION CASING CONDUCTOR SURFACE CASING	1	20 3 3/8 9 5/8		105.0 532.0 5,631.0		-5.3		2016 /2016 /2016		18.5	4	133.0 54.5 40.0	50	



11/7/2016 06:00 - 11/8/2016 06:00

Report# 14

Reg Work Time (hr) Tot Work Time (hr)

Count

DFS 13.0

Well Name: UNIVERSITY 7-0213 N 04SA

Well Info API 42-317-40524 Surface Legal Location S- , SVY, State Spud Date 9/20/2016 PERMIAN BASIN DIVISION SPRABERRY MARTIN TEXAS 2,911 2,936 Job Summary
Job Category
DRILLING

Cum Field Est To D 1,463,980.16 Last Casing String INTERMEDIATE CASING, 5,631.0ft, JOB AFE AMOUNT 2,380,100.00

Daily Ops Summary

Wellbore Name Sidetrack 1 End Depth **7,592.0** Daily Field Est 78,816.64 Progres 1941 UNIT 103 CLOUDY 11.00 176.5 11.83 GOOD

DRILLING VERTICAL PROD HOLE TO KOP

FINISH TESTING BOP'S, TEST CASING, P/U DIRECTIONAL TOOLS, ORIENT AND TEST SAME, TIH, DRILL FLOAT EQUIP, DISPLACE TO OBM, ROTARY AND SLIDE DRILL TO MAINTAIN VERTICAL

Operations Next Report Period

CONTINUE TO ROTARY AND SLIDE DRILL TO MAINTAIN VERTICAL TO KOP, CBU, DROP GYRO AND TOH FOR CURVE ASSY

Time	1
ume	1 00

						Unschd			
Start Time	End Time	Dur (hr)	Activity	Code	Sub - Code	Туре	Start Depth (ft, KB)	End Depth (ft, KB)	Com
06:00	07:00	1.00	TEST BOP	ВОР	2		5,651.0	5,651.0	FINISH TESTING BOP.TEST DART VALVE,TOP & BOTTOM RAMS,BLIND RAMS,KILL LINE & CHECK VALVE,HCR & MANUAL VALVE TO 5000 & 250 PSI.TEST ANNULAR TO 3500 & 250 PSI.
07:00	07:30	0.50	PRESSURE TEST CASING	EQT	1		5,651.0	5,651.0	PRESSURE TEST CASING TO 1500PSI
07:30	10:00	2.50	PU/LD BHA	TRP	1		5,651.0	5,651.0	PICK UP DIRECTIONAL TOOLS, SCRIBE AND TEST MWD, MAKE UP BIT, PICK UP THRUSTER AND 3 DC, TRIP IN HOLE WITH DC
10:00	13:30	3.50	TRIP	TRP	2		5,651.0	5,651.0	TRIP IN HOLE TO TOP OF FLOAT
13:30	14:00	0.50	RIG SERVICE	RIG	1		5,651.0	5,651.0	RIG SERVICE AND TOP DRIVE INSPECTION
14:00	15:00		DRILL CEMENT/EQUI PMENT	DRL	4		5,651.0	5,651.0	DRILL SHOE TRACK AND DISPLACE HOLE WITH OBM
15:00	15:30	0.50	MISCELLANE OUS	ОТН			5,651.0	5,651.0	CHANGE OUT ROT HEAD RUBBER
15:30	00:30	9.00	DIRECTIONAL DRILL	DRL	2		5,651.0	7,212.0	ROTATE DRILL FROM 5651' TO 7212' =1561' @ 173 FPH, 25 WOB, 550 GPM, 65 RPM (FULL PARAMETERS AFTER 5930' AND REDUCE PARAMETERS OF 470 GPM AND 50 RPM FROM 6400' TO 7100')
00:30	03:00	2.50	SURVEY	SUR	1		7,212.0	7,212.0	SURVEY AND CONNECTIONS
03:00	03:30	0.50	RIG SERVICE	RIG	1		7,212.0	7,212.0	SERVICE RIG AND TOP DRIVE
03:30	05:30	2.00	DIRECTIONAL DRILL	DRL	2		7,212.0	7,592.0	ROTATE DRILL FROM 7212' TO 7592' = 380' @ 190 FPH, 25 WOB, 550 GPM, 65 RPM
05:30	06:00	0.50	SURVEY	SUR	1		7,592.0	7,592.0	SURVEY AND CONNECTIONS

Head Count / Man Hours Company

Casing Strings								
Csg Des	OD (in)	Set Depth (ft, KB)	Top (ft, KB)	Run Date	Drift Min (in)	Wt/Len (lb/ft)	Dens Fluid (lb/gal)	P LeakOff (psi)
PRODUCTION CASING								
CONDUCTOR	20	105.0	25.0	8/2/2016	18.54	133.00		
SURFACE CASING	13 3/8	532.0	-5.3	9/20/2016		54.50		
INTERMEDIATE CASING	9 5/8	5,631.0	28.0	9/30/2016		40.00		

Employee Type

Туре



11/8/2016 06:00 - 11/9/2016 06:00

Report# 15

Well Name:	UNIVERSITY 7-0213 N 04SA
Well Naille.	UNIVERSITI /-UZ IS IN U4SA

DFS 14.0 Well Info Spud Dat Surface Legal Location 42-317-40524 PERMIAN BASIN DIVISION SPRABERRY 9/20/2016 S-, SVY, MARTIN **TEXAS** 2.911 2.936 Job Summary Cum Field Est To Da 1,550,044.89 JOB AFE AMOUN 2,380,100.00 Last Casing String INTERMEDIATE CASING, 5,631.0ft, Job Category DRILLING Daily Ops Summary Daily Field Est Total (Cost) 85,164.73 End Depth 8,803.0 Progress (ft) 1211 UNIT 103 Sidetrack 1 ne Log Days (days) 9.00 12.83 134.6 **CLEAR** GOOD TIH AT 7300' WITH CURVE ASSY DRILL VERTICAL TO 8803', CBU , DROP GYRO, TOH, CHANGE BHA, TIH, CUT DRILL LINE DRILL CURVE, TOH FOR LATERAL ASSY Time Log Unschd Type Start Time End Time Sub - Code End Depth (ft, KB) Dur (hr) Start Depth (ft, KB) Code 9.00 ROTARY 06:00 15:00 DRI 7,592.0 8,803.0 ROTATE DRILL FROM 7592' TO 8803' = 1211' @ 134 FPH, 25 DRILL WOB, 550 GPM, 65 RPM 15:00 17:30 2.50 SURVEY 8,803.0 8,803.0 SURVEY AND CONNECTIONS SUR 0.50 RIG SERVICE RIG SERVICE AND TOPDRIVE RIG 8,803.0 17:30 18:00 1 8.803.0 INSPECTION 0.50 CIRCULATE/C 8,803.0 PUMP SWEEP AND CBU 18:00 18:30 CIRC 8.803.0 1 ONDITION 0.50 SURVEY 8,803.0 DROP GYRO 18:30 19:00 SUR 8.803.0 PUMP SLUG AND TOH FOR 19:00 00:00 5.00 TRIP TRP 2 8.803.0 8,803.0 CURVE ASSY. RETRIEVE GYRO AND LD 00:00 00:30 0.50 SURVEY SUR 8,803.0 8,803.0 SAME 00:30 02:00 1.50 PU/LD BHA TRP 8,803.0 8,803.0 CO DIRECTIONAL TOOLS, SCRIBE ORIENT AND TEST 02:00 04:00 2.00 TRIP MU BIT AND TRIP IN THE HOLE TRP 8.803.0 2 8.803.0 WITH CURVE ASSEMBLY TO SHOF CUT AND SLIP DRILLING LINE 04:00 05:30 1.50 CUT DRILL RIG 8,803.0 8,803.0 LINE 05:30 06:00 0.50 RIG SERVICE RIG 8,803.0 8,803.0 RIG SERVICE Head Count / Man Hours Reg Work Time (hr) Tot Work Time (hr) Туре Employee Type Count

Casing Strings								
Csg Des	OD (in)	Set Depth (ft, KB)	Top (ft, KB)	Run Date	Drift Min (in)	Wt/Len (lb/ft)	Dens Fluid (lb/gal)	P LeakOff (psi)
PRODUCTION CASING								
CONDUCTOR	20	105.0	25.0	8/2/2016	18.54	133.00		
SURFACE CASING	13 3/8	532.0	-5.3	9/20/2016		54.50		
INTERMEDIATE CASING	9 5/8	5,631.0	28.0	9/30/2016		40.00		



11/9/2016 06:00 - 11/10/2016 06:00

Report# 16

Well N	Name: U	NIVERSI	TY 7-	0213 N 0)4SA									Ke	eport# 16
														-	DFS 15.0
Well Info										1					
API 42-317-405	524		urface Lo 5- ,SV	,		Divis PE			DIVISION	_	Name ABERRY			Spud Date 9/20/2016	
County MARTIN				State TEXAS	s				Ground Elevation 2,911	(ft)		Orig 2,9		3 Elevation (ft)	
Job Summ	ary							ı	_,			1-,-			
Job Category DRILLING						CASING, 5	,631.0ft,		JOB AFE AMOUN 2,380,100.00					Est To Date (Cost) 10.58	
Daily Ops	Summary			KB											
RIG	Summary	Iw	/ellbore	Name		End	Depth (ft, I	KB)		Progre	ess (ft)			Daily Field Est Total (Cost)
UNIT 103			idetra	ck 1			70.0			767				65,465.69	
Weather CLOUDY			Hole Co	ondition D			Drilling Ho	ours (hi	r)		Avg ROP (f 47.9	t/hr)		Cum Time 13.88	Log Days (days)
Operations at F	AT 65 FPH														
	I, DŘILL CUF	RVE													
	t Report Period RVE, SWEEF	AND CIRC	C, CBI	J, TOH AN	D PU LA	ATERAL BI	HA, DRII	LL LA	TERAL						
Time Log															
Start Time	End Time	Dur (hr)		Activity		Code	Sub	- Code	Unschd Type	Start Der	oth (ft, KB)	End Depth (ft, KE	B)	Coi	m
06:00	06:30		TRIF		TRP		2		71		8,803.0		3.0 T	RIP IN HOLE WA	ASH LAST
06:30	13:30	7.00	DIRI	ECTIONAL LL	DRL		2				8,803.0	9,093	90	UILD CURVE, F 093' = 290' @ 41 0K, 550 GPM, SI S NEEDED	FPH, WOB
13:30	15:30	2.00	SUR	RVEY	SUR		1				9,093.0	9,093	3.0 S	URVEY AND CO	NNECTIONS
15:30	16:00	0.50	RIG	SERVICE	RIG		1				9,093.0	9,093		IG SERVICE AN	D TOP DRIVE
16:00	23:00	7.00	DIRI DRII	ECTIONAL _L	DRL		2				9,093.0	9,443	94	UILD CURVE, FI 443' = 350' @ 50 0K, 550 GPM, SI S NEEDED	FPH, WOB
23:00	02:30	3.50	SUR	RVEY	SUR		1				9,443.0	9,443	3.0 S	URVEY AND CO	NNECTION
02:30	03:00	0.50	RIG	SERVICE	RIG		1				9,443.0	9,443	- 1	IG SERVICE AN	D TOP DRIVE
03:00	05:00	2.00	DIRI DRII	ECTIONAL _L	DRL		2				9,443.0	9,570	99	UILD CURVE, F 570' = 127' @ 63 0K, 550 GPM, SI S NEEDED TO E	S FPH, WOB LIDE AND ROT
05:00	06:00		SUR	RVEY	SUR		1				9,570.0	9,570	0.0 S	URVEY AND CO	NNECTION
Head Coun	it / Man Hou	rs			•		•				•				
	Cor	mpany				Туре			Em	ployee Typ	е	Count		Reg Work Time (hr)	Tot Work Time (hr)
Casing Str	ings														
	Csg Des	OD	(in)	Set Depth	(ft KB)	Top (ft.	KB)		Run Date	Drif	t Min (in)	Wt/Len (lb.	/ft)	Dens Fluid (lb/gal)	P LeakOff (psi)
	ION CASING		(11)	Обт Берті	(II, IND)	Top (II.	, (ט)		Null Dale	DIII		VVI/Lett (ID)	,,,,,	(ib/gai)	LeanOii (psi)
CONDUCT			20		105.0		25.0	8/2/2	2016		18.54	1	33.00		
SURFACE	CASING	1	3 3/8		532.0		-5.3	9/20	/2016				54.50		
INTERMED	IATE CASIN	IG	9 5/8		5,631.0		28.0	9/30	/2016				40.00)	



11/10/2016 06:00 - 11/11/2016 06:00

Well	Name: U	NIVERSIT	ΓΥ 7-(0213 N 0	4SA							F	Report# 17
													DFS 16.0
Well Info API		I c.	urfood I o	egal Location		Inisi	sion			Field Name		Spud Date	
42-317-40	524		-, SV					BASIN	DIVISION	SPRABERRY		9/20/2016	
County MARTIN		•		State TEXAS	•				Ground Elevation (ft) Or 2,911 2,			KB Elevation (ft)	
Job Sumr								L	,				
Job Category DRILLING				Last Casing S INTERMED KB		CASING, 5	5,631.0ft,		OB AFE AMOUN 2,380,100.00			eld Est To Date (Cost) ,910.13	
	Summary												
RIG UNIT 103			ellbore N idetrac				Depth (ft, .485.0	KB)		Progress (ft) 915		Daily Field Est Tota 72,399.55	al (Cost)
Weather CLOUDY			Hole Co				Drilling H	lours (hr))	Avg ROP 130.7	(ft/hr)	Cum Tir 14.88	me Log Days (days)
Operations at			0001	<u> </u>			7.00			130.7		14.00	
Operations S	AT 200 FPH												
	URVE, CBU, ext Report Period	TOH, CHAN	IGE F	ROM CUR	VE BHA	TO LATE	ERAL BH	IA, TII	H TO SHOE,	INSTALL SLIDER	R SYSTEM - CIR	CULATE, TIH, D	RILL LATERAL
	E TO ROTAT	E AND SLIE	E DRI	ILL LATER	AL								
Time Log													
Start Time	End Time	Dur (hr)		Activity		Code	Sub	- Code	Unschd Type	Start Depth (ft, KB)	End Depth (ft, KB)		Com
06:00	08:30			CTIONAL	DRL	0000	2	Code	Турс	9,570.0		BUILD CURVE,	FROM 9570' -
			DRIL	L									56 FPH, WOB SLIDE AND ROT BUILD CURVE
08:30	09:30	1.00	SUR	VEY	SUR		1			9,710.0	9,710.0	SURVEY AND C	
09:30	10:00	0.50	RIG :	SERVICE	RIG		1			9,710.0		RIG SERVICE,	
10:00	11:00	1.00		CULATE/C ITION	CIRC		1			9,710.0	9,710.0	PUMP HIGH VIS CIRCULATE HO	
11:00	14:00	3.00	TRIP)	TRP		2			9,710.0	9,710.0	TRIP OUT OF H LATERAL ASSE	-
14:00	16:00	2.00	PU/L	D BHA	TRP		1			9,710.0	9,710.0	SCRIBE AND TE	EST
												DIRECTIONAL TH	
16:00	19:00	3.00	TRIP)	TRP		2			9,710.0	9,710.0	TRIP IN HOLE 1	
19:00	21:30	2.50		CELLANE	ОТН					9,710.0	9,710.0	INSTALL SLIDE	
			OUS									TOP DRIVE CO SLIDER TO TOF CIRCULATE AT	
21:30	23:00	1.50	TRIP)	TRP		2			9,710.0	9,710.0	TRIP IN HOLE A	
												WASH LAST ST BOTTOM	AND TO
23:00	04:00	5.00		CTIONAL	DRL		2			9,710.0	10,485.0	DRILL LATERAL	
			DRIL	.L								TO 10485' = 775 WOB 30K, 550	
												AND ROTAS N	
0.4.00	100.00	0.00	OLID	\/E\/	I OLI ID		1			10.105.0	40.405.0	BUILD CURVE	ONNECTIONS
04:00 Head Cou	06:00 Int / Man Hou		SUR	VEY	SUR		1			10,485.0	10,485.0	SURVEY AND (CONNECTIONS
Ticau oou		mpany				Туре			Em	ployee Type	Count	Reg Work Time (h	r) Tot Work Time (hr
Casing St	trings							Т		T	T	Dens Fluid	I
COMPLIC	Csg Des	OD (Set Depth (Top (ft			Run Date	Drift Min (in)	Wt/Len (lb/ft)	(lb/gal)	P LeakOff (psi)
CONDUC' SURFACE		1	20 3 3/8		105.0 532.0			8/2/2 9/20/		18.5	4 133 54		
	DIATE CASIN		3 3/6 9 5/8	5	5,631.0			9/30/				.00	
	TION CASING				,617.0								



11/11/2016 06:00 - 11/12/2016 06:00

15.88

AND ROT AS NEEDED TO MAINTAIN LATERAL

12,663.0 SURVEY AND CONNECTIONS

Report# 18

DFS 17.0

Well Name: UNIVERSITY 7-0213 N 04SA

Well Info							
API	Surface Le	gal Location	Division		Field Name		Spud Date
42-317-40524	S-, SV	Υ,	PERMIAN BASII	N DIVISION	SPRABERRY		9/20/2016
County		State		Ground Elevation (ft)		Original K	3 Elevation (ft)
MARTIN		TEXAS		2,911		2,936	
Job Summary							
Job Category		Last Casing String		JOB AFE AMOUNT (C	Cost)	Cum Field	Est To Date (Cost)
DRILLING		INTERMEDIATE CASING	G, 5,631.0ft,	2,380,100.00		1,747,48	86.16
		KB					
Daily Ops Summary							
RIG	Wellbore N	lame	End Depth (ft, KB)		Progress (ft)		Daily Field Est Total (Cost)
UNIT 103	Sidetrac	k 1	12,663.0		2178		59,576.03

Drilling H 17.00

Avg ROP (ft/hr) 128.1

12,663.0

UNIT 103 Weather CLEAR

Operations at Report Time ROTATE DRILLING AT 110 FPH

ROTATE AND SLIDE DRILLING LATERAL, SURVEYS AND CONNECTIONS

0.50 SURVEY

SUR

Sidetrack 1 Hole Condi

Operations Next Report Period
CONTINUE TO ROTATE AND SLIDE DRILL LATERAL

CONTINUE	_ 10 KO1/KI	L / (IND OLID	L DIGEL LIGHT	<u> </u>					
Time Log									
Start Time	End Time	Dur (hr)	Activity	Code	Sub - Code	Unschd Type	Start Depth (ft, KB)	End Depth (ft, KB)	Com
06:00	14:00	8.00	DIRECTIONAL DRILL	DRL	2		10,485.0	11,621.0	DRILL LATERAL FROM 10485' - 11621 = 1136' @ 142 FPH, WOB 30K, 550 GPM, SLIDE AND ROT AS NEEDED TO MAINTAIN LATERAL
14:00	17:00	3.00	SURVEY	SUR	1		11,621.0	11,621.0	SURVEY AND CONNECTIONS
17:00	17:30	0.50	RIG SERVICE	RIG	1		11,621.0	11,621.0	RIG SERVICE AND TOPDRIVE AND INSPECTION
17:30	23:00	5.50	DIRECTIONAL DRILL	DRL	2		11,621.0	12,390.0	DRILL LATERAL FROM 11621 - 12390' = 769' @ 140 FPH, WOB 30K, 550 GPM, SLIDE AND ROT AS NEEDED TO MAINTAIN LATERAL
23:00	01:30	2.50	SURVEY	SUR	1		12,390.0	12,390.0	SURVEY AND CONNECTIONS
01:30	02:00	0.50	RIG SERVICE	RIG	1		12,390.0	12,390.0	RIG SERVICE AND TOPDRIVE AND INSPECTION
02:00	05:30	3.50	DIRECTIONAL DRILL	DRL	2		12,390.0	12,663.0	DRILL LATERAL FROM 12390' TO 12663' = 273' @ 78 FPH, WOB 30K, 550 GPM, SLIDE

06:00 Head Count / Man Hours

Company		Туре	Em	ployee Type	Count	Reg Work Time (hr)	Tot Work Time (hr)
Casing Strings							
						Dono Eluid	

Csg Des	OD (in)	Set Depth (ft, KB)	Top (ft, KB)	Run Date	Drift Min (in)	Wt/Len (lb/ft)	Dens Fluid (lb/gal)	P LeakOff (psi)
CONDUCTOR	20	105.0	25.0	8/2/2016	18.54	133.00		
SURFACE CASING	13 3/8	532.0	-5.3	9/20/2016		54.50		
INTERMEDIATE CASING	9 5/8	5,631.0	28.0	9/30/2016		40.00		
PRODUCTION CASING		19,617.0						



11/12/2016 06:00 - 11/13/2016 06:00

Report# 19

Reg Work Time (hr) Tot Work Time (hr)

DFS 18.0

Well Name: UNIVERSITY 7-0213 N 04SA

 Well Info

 API
 Surface Legal Location
 Division
 Field Name
 Spud Date

 42-317-40524
 S- , SVY,
 PERMIAN BASIN DIVISION
 SPRABERRY
 9/20/2016

 County
 State
 Ground Elevation (ft)
 Original KB Elevation (ft)

 MARTIN
 TEXAS
 2,911
 2,936

 Job Summary

 Job Category
 Last Casing String
 JOB AFE AMOUNT (Cost)
 Cum Field Est To Date (Cost)

 DRILLING
 INTERMEDIATE CASING, 5,631.0ft, 2,380,100.00
 1,800,054.03

Daily Ops Summary

Operations at Report Time

ROTATE DRILLING AT 105 FPH

ROTATE AND SLIDE DRILLING LATERAL, SURVEYS AND CONNECTIONS

Operations Next Report Period

CONTINUE TO ROTATE AND SLIDE DRILL LATERAL

Time	l oa

Time Log									
Start Time	End Time	Dur (hr)	Activity	Code	Sub - Code	Unschd Type	Start Depth (ft, KB)	End Depth (ft, KB)	Com
06:00	07:00	1.00	DIRECTIONAL DRILL	DRL	2		12,663.0	12,770.0	DRILL LATERAL FROM 12663' TO 12770 = 103' @ 103 FPH, WOB 30K, 550 GPM, SLIDE AND ROT AS NEEDED TO MAINTAIN LATERAL
07:00	07:30	0.50	CIRCULATE/C ONDITION	CIRC	1		12,770.0	12,770.0	PUMP TO HIGH VIS SWEEPS AND PERFORM CLEAN UP CYCLE
07:30	08:00	0.50	SURVEY	SUR	1		12,770.0	12,770.0	SURVEY AND CONNECTIONS
08:00	14:30	6.50	DIRECTIONAL DRILL	DRL	2		12,770.0	13,336.0	DRILL LATERAL FROM 12770 TO 13336 = 566' @ 87FPH, WOB 30K, 550 GPM, SLIDE AND ROT AS NEEDED TO MAINTAIN LATERAL
14:30	15:30	1.00	SURVEY	SUR	1		13,336.0	13,336.0	SURVEY AND CONNECTIONS
15:30	16:00	0.50	RIG SERVICE	RIG	1		13,336.0	13,336.0	RIG SERVICE AND TOP DRIVE INSPECTION
16:00	00:00	8.00	DIRECTIONAL DRILL	DRL	2		13,336.0	14,193.0	DRILL LATERAL FROM 13336 TO 14193' = 857' @ 107 FPH, WOB 30K, 550 GPM, SLIDE AND ROT AS NEEDED TO MAINTAIN LATERAL
00:00	01:30	1.50	SURVEY	SUR	1		14,193.0	14,193.0	SURVEY AND CONNECTIONS
01:30	02:00	0.50	RIG SERVICE	RIG	1		14,193.0	14,193.0	RIG SERVICE AND TOP DRIVE INSPECTION
02:00	05:30		DIRECTIONAL DRILL	DRL	2		14,193.0	,	DRILL LATERAL FROM 14193' TO 14468' = 275' @ 79 FPH, WOB 30K, 550 GPM, SLIDE AND ROT AS NEEDED TO MAINTAIN LATERAL
05:30	06:00	0.50	SURVEY	SUR	1		14,468.0	14,468.0	SURVEY AND CONNECTIONS

Head Count / Man Hours

Casing Strings								
Csg Des	OD (in)	Set Depth (ft, KB)	Top (ft, KB)	Run Date	Drift Min (in)	Wt/Len (lb/ft)	Dens Fluid (lb/gal)	P LeakOff (psi)
CONDUCTOR	20	105.0	25.0	8/2/2016	18.54	133.00		
SURFACE CASING	13 3/8	532.0	-5.3	9/20/2016		54.50		
INTERMEDIATE CASING	9 5/8	5,631.0	28.0	9/30/2016		40.00		
PRODUCTION CASING		19.617.0						



11/13/2016 06:00 - 11/14/2016 06:00

Report# 20

10p0.1... _0

Wall Name:	LINIVED SITY 7-0213 N 04SA	

DFS 19.0 Well Info Spud Dat 42-317-40524 PERMIAN BASIN DIVISION SPRABERRY 9/20/2016 SVY, MARTIN **TEXAS** 2.911 2.936 Job Summary Cum Field Est To D 1,871,736.68 Last Casing String INTERMEDIATE CASING, 5,631.0ft, Job Category DRILLING JOB AFE AMOUN 2,380,100.00 Daily Ops Summary Daily Field Est 71,682.65 End Depth (ft, 16,082.0 Progres 1614 UNIT 103 Sidetrack 1 Avg ROP (ft/hr) 18.50 17.88 **CLEAR** GOOD ROTATE DRILLING AT 95 FPH ROTATE AND SLIDE DRILLING LATERAL, SURVEYS AND CONNECTIONS CONTINUE TO ROTATE AND SLIDE DRILL LATERAL Time Log Unschd Type Start Time End Time Sub - Code Start Depth (ft, KB) End Depth (ft, KB) Dur (hr) Code 06:00 07:00 1.00 RIG REPAIR RIG Preven 14.468.0 14.468.0 CHANGE OUT SWIVEL **PACKING** tative 07:00 6.00 DIRECTIONAL DRILL LATERAL FROM 14468' -13:00 DRI 14.468.0 14.960.0 14960' = 492' @ 82 FPH, WOB 30K, 550 GPM, SLIDE AND ROT DRILL AS NEEDED TO MAINTAIN LATERAL 1.50 SURVEY 14,960.0 SURVEY AND CONNECTIONS 13:00 14:30 SUR 14,960.0 14:30 15:00 0.50 RIG SERVICE RIG 14,960.0 14,960.0 RIG SERVICE AND TOP DRIVE INSPECTION 15:00 00:30 9.50 DIRECTIONAL DRL 14,960.0 DRILL LATERAL FROM 14960' TO 15798' = 838' @ 88 FPH, WOB 30-31K, 550 GPM, SLIDE **DRILL** AND ROT AS NEEDED TO MAINTAIN I ATFRAI 15,798.0 SURVEY AND CONNECTIONS 00:30 02:00 1.50 SURVEY SUR 15,798.0 02:00 02:30 0.50 RIG SERVICE RIG 15,798.0 15,798.0 RIG SERVICE AND TOP DRIVE INSPECTION 02:30 05:30 3.00 DIRECTIONAL DRL 15,798.0 16,082.0 DRILL LATERAL FROM 15798' TO 16082' = 284' @ 95 FPH, WOB 31-33K, 550 GPM, SLIDE DRILL AND ROT AS NEEDED TO MAINTAIN LATERAL 06:00 0.50 SURVEY SUR 16,082.0 16,082.0 SURVEY AND CONNECTIONS 1 Head Count / Man Hours Employee Type Reg Work Time (hr) Tot Work Time (hr) Туре Count **Casing Strings** Dens Fluid (lb/gal) Set Depth (ft, KB) 105.0 Drift Min (in) Wt/Len (lb/ft) 133.00 OD (in) ın Date Conductor 20 25.0 8/2/2016 SURFACE CASING 13 3/8 532.0 -5.3 9/20/2016 54.50 INTERMEDIATE CASING 9 5/8 5,631.0 28.0 9/30/2016 40.00 PRODUCTION CASING 5 1/2 19,617.0 20.00



11/14/2016 06:00 - 11/15/2016 06:00

Report# 21

Reg Work Time (hr) Tot Work Time (hr)

DFS 20.0

Well Name: UNIVERSITY 7-0213 N 04SA

Well Info API 42-317-40524 County MARTIN Surface Legal Location S- , SVY, State Spud Date 9/20/2016 PERMIAN BASIN DIVISION SPRABERRY Ground Ele 2,911 Original 2,936 TEXAS Job Summary
Job Category
DRILLING

Cum Field Est To Da 1,935,858.43 Last Casing String INTERMEDIATE CASING, 5,631.0ft, JOB AFE AMOUNT (Cost) 2,380,100.00

Daily Ops Summary

Wellbore Name Sidetrack 1 End Depth (ft, KB) 17,697.0 Daily Field Est Total (Cost) 68,826.34 Progress (ft) 1615 UNIT 103 Avg ROP (ft/hr) 87.3 Weather CLEAR Drilling I 18.50 18.88 GOOD

ROTATE DRILLING AT 95 FPH

ROTATE AND SLIDE DRILLING LATERAL, CLEAN UP CYCLE AT 16565', SURVEYS AND CONNECTIONS

CONTINUE TO ROTATE AND SLIDE DRILL LATERAL

Time	l oa

Time Log									
Start Time	End Time	Dur (hr)	Activity	Code	Sub - Code	Unschd Type	Start Depth (ft, KB)	End Depth (ft, KB)	Com
06:00	10:00	4.00	DIRECTIONAL DRILL	DRL	2		16,082.0	16,565.0	DRILL LATERAL FROM 16082' - 16565' = 483' @ 120 FPH, WOB 31-33K, 550 GPM, SLIDE AND ROT AS NEEDED TO MAINTAIN LATERAL
10:00	11:00	1.00	SURVEY	SUR	1		16,565.0	16,565.0	SURVEY AND CONNECTIONS
11:00	12:00	1.00	CIRCULATE/C ONDITION	CIRC	1		16,565.0	16,565.0	PUMP TO HIGH VIS SWEEPS AND PERFORM CLEAN UP CYCLE
12:00	14:00	2.00	DIRECTIONAL DRILL	DRL	2		16,565.0	16,748.0	DRILL LATERAL FROM 16565' - 16748' = 183' @ 91.5 FPH, WOB 31-33K, 550 GPM, SLIDE AND ROT AS NEEDED TO MAINTAIN LATERAL
14:00	15:00	1.00	SURVEY	SUR	1		16,748.0	16,748.0	SURVEY AND CONNECTIONS
15:00	15:30	0.50	RIG SERVICE	RIG	1		16,748.0	16,748.0	RIG SERVICE AND TOP DRIVE INSPECTIONS
15:30	03:00	11.50	DIRECTIONAL DRILL	DRL	2		16,748.0	17,602.0	DRILL LATERAL FROM 16748' to 17602'- = 854' @ 74.3 FPH, WOB 31-33K, 550 GPM, SLIDE AND ROT AS NEEDED TO MAINTAIN LATERAL
03:00	04:00	1.00	SURVEY	SUR	1		17,602.0	17,602.0	SURVEY AND CONNECTIONS
04:00	04:30	0.50	RIG SERVICE	RIG	1		17,602.0	17,602.0	RIG SERVICE AND TOP DRIVE INSPECTIONS
04:30	05:30		DIRECTIONAL DRILL	DRL	2		17,602.0	,,,,	DRILL LATERAL FROM 17602' TO 17697'- = 95' @ 95 FPH, WOB 31-33K, 550 GPM, SLIDE AND ROT AS NEEDED TO MAINTAIN LATERAL
05:30	06:00	0.50	SURVEY	SUR	11	1	17,697.0	17,697.0	SURVEY AND CONNECTIONS

Head Count / Man Hours

Casing Strings								
Csg Des	OD (in)	Set Depth (ft, KB)	Top (ft, KB)	Run Date	Drift Min (in)	Wt/Len (lb/ft)	Dens Fluid (lb/gal)	P LeakOff (psi)
CONDUCTOR	20	105.0	25.0	8/2/2016	18.54	133.00		
SURFACE CASING	13 3/8	532.0	-5.3	9/20/2016		54.50		
INTERMEDIATE CASING	9 5/8	5,631.0	28.0	9/30/2016		40.00		
PRODUCTION CASING	5 1/2	19.617.0	-16.0			20.00		



11/15/2016 06:00 - 11/16/2016 06:00

Report# 22

Reg Work Time (hr) Tot Work Time (hr)

Count

DFS 21.0

Well Name: UNIVERSITY 7-0213 N 04SA

 Well Info

 API
 Surface Legal Location
 Division
 Field Name
 Spud Date

 42-317-40524
 S- , SVY ,
 PERMIAN BASIN DIVISION
 SPRABERRY
 9/20/2016

 County
 State
 Ground Elevation (ft)
 Original KB Elevation (ft)

 MARTIN
 TEXAS
 2,911
 2,936

 Job Summary

 Job Category
 Last Casing String
 JOB AFE AMOUNT (Cost)
 Cum Field Est To Date (Cost)

 DRILLING
 INTERMEDIATE CASING, 5,631.0ft,
 2,380,100.00
 1,996,038.37

Daily Ops Summary

 RIG
 Wellbore Name
 End Depth (ft, KB)
 Progress (ft)
 Daily Field Est Total (Cost)

 UNIT 103
 Sidetrack 1
 18,868.0
 1171
 60,179.94

 Weather
 Hole Condition GOOD
 Drilling Hours (hr)
 Avg ROP (ft/hr)
 Cum Time Log Days (days)

 CLEAR
 60.0D
 18.50
 63.3
 19.88

Operations at Report Time

ROTATE DRILLING AT 95 FPH

ROTATE AND SLIDE DRILLING LATERAL, SURVEYS AND CONNECTIONS

Operations Next Report Period

CONTINUE TO ROTATE AND SLIDE DRILL LATERAL

Time	l oa

Time Log									
Start Time	End Time	Dur (hr)	Activity	Code	Sub - Code	Unschd Type	Start Depth (ft, KB)	End Depth (ft, KB)	Com
06:00	12:30	6.50	DIRECTIONAL DRILL	DRL	2		17,697.0	17,982.0	DRILL LATERAL FROM 17697'- 17982' = 285' @ 47 FPH, WOB 31-33K, 550 GPM, SLIDE AND ROT AS NEEDED TO MAINTAIN LATERAL
12:30	14:00	1.50	SURVEY	SUR	1		17,982.0	17,982.0	SURVEY AND CONNECTIONS
14:00	14:30	0.50	RIG SERVICE	RIG	1		17,982.0	17,982.0	RIG SERVICE AND TOP DRIVE INSPECTION
14:30	01:00	10.50	DIRECTIONAL DRILL	DRL	2		17,982.0	18,751.0	DRILL LATERAL FROM 17982' TO 18751' = 769' @ 73 FPH, WOB 31-33K, 550 GPM, SLIDE AND ROT AS NEEDED TO MAINTAIN LATERAL
01:00	03:30	2.50	SURVEY	SUR	1		18,751.0	18,751.0	SURVEY AND CONNECTIONS
03:30	04:00	0.50	RIG SERVICE	RIG	1		18,751.0	18,751.0	RIG SERVICE AND TOP DRIVE INSPECTION
04:00	05:30	1.50	DIRECTIONAL DRILL	DRL	2		18,751.0	18,868.0	DRILL LATERAL FROM 18751' TO 18868 = 117' @ 78 FPH, WOB 31-33K, 550 GPM, SLIDE AND ROT AS NEEDED TO MAINTAIN LATERAL
05:30	06:00	0.50	SURVEY	SUR	1		18,868.0	18,868.0	SURVEY AND CONNECTIONS

Head Count / Man Hours

Casing Strings									
Con Doo	OD (i=)	Cat Danib (ft ICD)	T (# KD)	Dun Data	Duift Milia (im)	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	Dens Fluid	D.I. and (Off (noi)	

Туре

Employee Type

Csg Des	OD (in)	Set Depth (ft, KB)	Top (ft, KB)	Run Date	Drift Min (in)	Wt/Len (lb/ft)	Dens Fluid (lb/gal)	P LeakOff (psi)
CONDUCTOR	20	105.0	25.0	8/2/2016	18.54	133.00		
SURFACE CASING	13 3/8	532.0	-5.3	9/20/2016		54.50		
INTERMEDIATE CASING	9 5/8	5,631.0	28.0	9/30/2016		40.00		
PRODUCTION CASING	5 1/2	19,585.0	-5.6			20.00		



11/16/2016 06:00 - 11/17/2016 06:00

Report# 23

DFS 22.0

Well Name: UNIVERSITY 7-0213 N 04SA

Well Info							
API	Surface Le	gal Location	Division		Field Name		Spud Date
42-317-40524	S-, SV	Υ,	PERMIAN BASII	N DIVISION	SPRABERRY		9/20/2016
County		State		Ground Elevation (ft)		Original KI	B Elevation (ft)
MARTIN		TEXAS		2,911		2,936	
Job Summary							
Job Category		Last Casing String		JOB AFE AMOUNT (Cost)	Cum Field	Est To Date (Cost)
DRILLING		INTERMEDIATE CASING KB	G, 5,631.0ft,	2,380,100.00		2,067,1	07.03

Daily Ops Summary

Wellbore Name Sidetrack 1 Progress (ft) 722 Daily Field Est 71,068.66 End Depth (ft, KB) 19,590.0 UNIT 103 Weather CLOUDY Drilling I 13.50 20.88 GOOD

Operations at Report Time TIH HOLE

Operations Summary
ROTARY AND SLIDE DRILL LATERAL, SURVEYS AND CONNECTIONS, RIG SERVICE AND TOP DRIVE INSPECTION, CIRCULATE FOR TRIP, WIPER TRIP TO KOP

Operations Next Report Period
WIPER TRIP, CIRC, TOOH FOR CASING, RIG UP AND RUN CASING

	_
Time	l oa

						Unschd			
Start Time	End Time	Dur (hr)	Activity	Code	Sub - Code	Туре	Start Depth (ft, KB)	End Depth (ft, KB)	Com
06:00	15:00	9.00	DIRECTIONAL DRILL	DRL	2		18,868.0	19,215.0	DRILL LATERAL F/18868' TO 19215 =347', WOB 31-33K, 550 GPM, 3 SLIDE=65'
15:00	16:30	1.50	SURVEY	SUR	1		19,215.0	19,215.0	SURVEY AND CONNECTIONS
16:30	17:00	0.50	RIG SERVICE	RIG	1		19,215.0	19,215.0	RIG SERVICE AND TOP DRIVE INSPECTION
17:00	21:30	4.50	DIRECTIONAL DRILL	DRL	2		19,215.0	19,590.0	DRILL LATERAL F/19,215' TO 19590 =375', WOB 31-33K, 550 GPM, 1 SLIDE=10'
21:30	23:00	1.50	SURVEY	SUR	1		19,590.0	19,590.0	SURVEYS AND CONNECTIONS
23:00	01:30	2.50	CIRCULATE/C ONDITION	CIRC	1		19,590.0	19,590.0	CIRCULATE 2 X 40 BBLS HIGH VIS SWEEPS SURF/SURF,
01:30	02:00	0.50	MISCELLANE OUS	ОТН			19,590.0	19,590.0	FLOW CHECK AND CHECK SICP=0 PSI
02:00	06:00	4.00	SHORT TRIP	TRP	14		19,590.0	19,590.0	SHORT TRIP TO ABOVE KOP @ 8800' AND BACK IN HOLE, FLOW CHECK AFTER 15 STD- NO FLOW

Head Count / Man Hours

	Compan		Туре	Em	ployee Type	Count	Reg Work Time (hr)	Tot Work Time (hr)					
(Casing Strings												
	Csa Des	OD (in)	Set Depth (ft KB)	Top (ft. KB)	Run Date	Drift Min (in)	Wt/Len (lb/ft)	Dens Fluid	P LeakOff (nsi)				

Csg Des	OD (in)	Set Depth (ft, KB)	Top (ft, KB)	Run Date	Drift Min (in)	Wt/Len (lb/ft)	Dens Fluid (lb/gal)	P LeakOff (psi)
CONDUCTOR	20	105.0	25.0	8/2/2016	18.54	133.00		
SURFACE CASING	13 3/8	532.0	-5.3	9/20/2016		54.50		
INTERMEDIATE CASING	9 5/8	5,631.0	28.0	9/30/2016		40.00		
PRODUCTION CASING	5 1/2	19,585.0	-5.6			20.00		



11/17/2016 06:00 - 11/18/2016 06:00

Report# 24

DFS 23.0

Well Name: UNIVERSITY 7-0213 N 04SA

Well Info Surface Legal Location S16-7, UL SVY, 22 Spud Date 9/20/2016 42-317-40524 County PERMIAN BASIN DIVISION SPRABERRY Original 2,936 MARTIN TEXAS 2,911 Job Summary
Job Category
DRILLING Cum Field Est To Da 2,113,766.82 JOB AFE AMOUNT 2,380,100.00

Last Casing String INTERMEDIATE CASING, 5,631.0ft,

Daily Ops Summary

Wellbore Name Sidetrack 1 Progress (ft) Daily Field Est 46,659.79 End Depth (ft, KB) 19,590.0 UNIT 103 21.88 CLEAR GOOD

RUNNING 5 1/2" PRODUCTION CASING

SHORT TRIP, CIRCULATE SLUGG OUT OF HOLE, TOOH, IMPROPER HOLE FILL, TROUBLE SHOOT HOLE FILL, TOOH TO SHOE, CUT AND SLIP DRILL LINE, TOOH, L/D DIRECTIONAL TOOLS, S/M, RIG UP AND RUN CASING

Operations Next Report Period

RUN CASING, CIRC F/CMT, CMT PRODUCTION CASING

Time Log

·····o Log									
Start Time	End Time	Dur (hr)	Activity	Code	Sub - Code	Unschd Type	Start Depth (ft, KB)	End Depth (ft, KB)	Com
06:00	09:00	3.00	SHORT TRIP	TRP	14		19,590.0	19,590.0	SHORT TRIP, TIH, CONTACTED TRRC 08:15
09:00	11:30	2.50	CIRCULATE/C ONDITION	CIRC	1		19,590.0	19,590.0	CIR HOLE CLEAN, LOST 122 BBL MUD, NO LOSSES AFTER SLUG OUT OF HOLE
11:30	19:00	7.50	TRIP	TRP	2		19,590.0	19,590.0	TOH 45 STD, NOT TAKING CORRECT HOLE FILL, ATTEMPT TO TOH W/MANAGED PRESSURE TO 11138' HOLE FILL NOT CORRECT, FILL TRIP TANK W/10 PPG MUD, CONT TOH TO SHOE
19:00	20:00	1.00	CUT DRILL LINE	RIG	6		19,590.0	19,590.0	SLIP & CUT DRLG LINE
20:00	20:30	0.50	RIG SERVICE	RIG	1		19,590.0	19,590.0	RIG SERVICE AND TOP DRIVE INSPECTION
20:30	22:30	2.00	TRIP	TRP	2		19,590.0	19,590.0	CONTINUE TRIP OUT OF HOLE, L/D AGITATOR, PULL ROTATING HEAD
22:30	00:00	1.50	PU/LD BHA	TRP	1		19,590.0	19,590.0	L/D DIRECTIONAL TOOLS, CLEAN AND CLEAR RIG FLOOR FOR CASING
00:00	01:00	1.00	RIG UP/DOWN CSG CREW	CSG	1		19,590.0	19,590.0	S/M & R/U CASING CREW
01:00	06:00	5.00	RUN CASING	CSG	2		19,590.0	19,590.0	RUN 5 1/2" PRODUCTION CASING TO 4,000', CIRCULATE BTMS UP AT 2,000' AND 4,000'

Head Count / Man Hours

Compan		Туре	Emp	oloyee Type	Count	Reg Work Time (hr)	Tot Work Time (hr)					
Casing Strings												
	"		_				Dens Fluid					

Csg Des	OD (in)	Set Depth (ft, KB)	Top (ft, KB)	Run Date	Drift Min (in)	Wt/Len (lb/ft)	Dens Fluid (lb/gal)	P LeakOff (psi)
CONDUCTOR	20	105.0	25.0	8/2/2016	18.54	133.00		
SURFACE CASING	13 3/8	532.0	-5.3	9/20/2016		54.50		
INTERMEDIATE CASING	9 5/8	5,631.0	28.0	9/30/2016		40.00		
PRODUCTION CASING	5 1/2	19,585.0	-5.6			20.00		



11/18/2016 06:00 - 11/19/2016 06:00

Report# 25

														DFS 24.0		
Well Info																
^{АРІ} 42-317-405	524		urface Legal Loca 16-7, UL SV				ision ERMIAN I	BASI	N DIVISION	Field Name SPRABERRY		Spud 1 9/20/	Date /2016			
County MARTIN			State TEXA	S					Ground Elevation 2,911	(ft)	Origina 2,936	I KB Eleva	ition (ft)			
Job Summ	ary								•		•					
Job Category					ing String UCTION CASING, 19,585.0ft, KB				JOB AFE AMOUN				Date (Cost)			
DRILLING Daily Ops	Summary		PROL	1001	ION CF	ASING, 18	9,585.UIL,	NB	2,380,100.00		2,464	,008.35				
RIG	Outilitial y	W	ellbore Name			En	d Depth (ft,	KB)		Progress (ft)		Daily F	Field Est Total	(Cost)		
UNIT 103		S	idetrack 1			19	,590.0			0		350,	241.53			
Weather CLEAR			Hole Condition GOOD				Drilling H	ours (f	hr)	Avg ROP	(ft/hr)		Cum Time Log Days (days) 22.88			
Operations at I	Report Time		ВООВ										22.00			
RIG DOWN Operations Sur	N CEMENTE	RS														
RUN AND		NG, CIRC F	OR CEMENT	, CEI	MENT I	PRODUC	TION CA	SINC	3,							
		Γ SLIPS, CL	JT CASING,	INST/	ALL NI	GHT CAP	PREP F	/ SK	ID, RELEASE	RIG						
Time Log																
Start Time	End Time	Dur (hr)	Activity			Code	Sub	- Cod	Unschd Type	Start Depth (ft, KB)	End Depth (ft, KB)		C	om		
06:00	21:00		RUN CASIN	NG	CSG	-	2		,,,,,,	19,590.0		CASIN AT 6,0	5 1/2" PRO IG, CIRCU 00', BREA ', 15500' T	DUCTION LATE BTMS UP K CIR@ 8,600', AG BTM, L/D		
21:00	23:00	2.00	CIRCULATI ONDITION	E/C	CIRC		1			19,590.0	19,590.0	CIR BT		R/D CASING		
23:00	23:30	0.50	RIG UP/DC		CMT		1			19,590.0	19,590.0	S/M R/	/U CEMEN	ITERS		
23:30	05:00	5.50	CEMENTIN	G	СМТ		2			19,590.0	19,590.0	PER S TERGO RETUR DISPL RETUR INTO D	CHEDULE O VIS TO S RNS THRO ACEMENT RNS AFTE	SURF,PARTIAL DUGH ENTIRE T, MINIMAL R 100BBLS MENT, PLUG		
05:00	06:00	1.00	RIG UP/DC CEMENTER		CMT		1			19,590.0	19,590.0	SURF		OW,FLUSH S AND RIG FERS		
Head Cour	nt / Man Hou	irs	•				•									
	Co	mpany				Туре			Emp	ployee Type	Count	Reg V	Nork Time (hr) Tot Work Time (hr)		
Casing Str	rinas															
												D	ens Fluid			
CONDUCT	Csg Des	OD ((in) Set D	epth (ft	t, KB) 105.0	Top (f		8/2/	Run Date /2016	Drift Min (in) 18.5	Wt/Len (lb/ft) 4 133	00	(lb/gal)	P LeakOff (psi)		
SURFACE		1	3 3/8		532.0				0/2016	10.5		.50				
	DIATE CASIN		9 5/8		,631.0			l	0/2016			.00				
	ION CASING		5 1/2		,585.0			l	18/2016			.00				
				,	,			· ··								



11/19/2016 06:00 - 11/20/2016 06:00

Report# 26

Cum Time Log Days (days)

RIG RELEASD @09:00

Reg Work Time (hr) Tot Work Time (hr)

DFS 25.0

Well Info API 42-317-40524 County MARTIN Surface Legal Location S16-7, UL SVY, 22 Spud Date 9/20/2016 PERMIAN BASIN DIVISION SPRABERRY Ground Ele 2,911 Original 2,936 TEXAS Job Summary Job Category DRILLING Cum Field Est To D 2,540,702.42 JOB AFE AMOUNT 2,380,100.00 Last Casing String PRODUCTION CASING, 19,585.0ft, KB Daily Ops Summary RIG UNIT 103 End Depth (ft, KB) 19,590.0 Daily Field Est Total (Cost) 6,988.82

Progr

Employee Type

Avg ROP (ft/hr)

CLEAR Operations at Report Time

RIG RELEASED TO UL 7-0213 N 03 SC

Well Name: UNIVERSITY 7-0213 N 04SA

Wellbore Name

Sidetrack 1

GOOD

Hole Condition

N/D BOP'S, SET SLIPS, CUT AND DRESS CASING, INSTALL NIGHT CAP AND TEST TO 5K, RIG RELEASED TO UL 7-0213 N 03 SC

Operations Next Report Period
RIG RELEASED TO UL 7-0213 N 03 SC

Time Log									
Start Time	End Time	Dur (hr)	Activity	Code	Sub - Code	Unschd Type	Start Depth (ft, KB)	End Depth (ft, KB)	Com
06:00	07:30	1.50	NU/ND BOP	ВОР	1		19,590.0	-,	S/M & NIPPLE DOWN BOP & CHOKE LINE
07:30	09:00	1.50	SET SLIPS	CSG	7		19,590.0	,	SET SLIPS W/170K, CUT CSG, MAKE FINAL CUT, INSTALL NIGHT CAP, TEST TO 5000 PSI,

Head Count / Man Hours

Casing Strings

3 - 3								
Csg Des	OD (in)	Set Depth (ft, KB)	Top (ft, KB)	Run Date	Drift Min (in)	Wt/Len (lb/ft)	Dens Fluid (lb/gal)	P LeakOff (psi)
CONDUCTOR	20	105.0	25.0	8/2/2016	18.54	133.00		
SURFACE CASING	13 3/8	532.0	-5.3	9/20/2016		54.50		
INTERMEDIATE CASING	9 5/8	5,631.0	28.0	9/30/2016		40.00		
PRODUCTION CASING	5 1/2	19,585.0	-5.6	11/18/2016		20.00		