

DAILY DRILLING REPORT

Operator: **Pacesetter Energy LLC**



Well Name: State University Colt #1H		API #: 42 - 003 - 47606		County: Andrews		State: Texas		Date: 25-Sep-17		Day: 18									
Supervisor / Consultant (s): Tracy Lisman						830-221-8332													
Depth: 12,461'		Progress: 601'		Formation: San Andres		Rig: Nabors M30		Phone:		Floor Height: 22'									
AFE #:		Drilling AFE:		Daily Drlg Cost: \$37,820		Cumulative Drlg Cost: \$853,018		Supplement(s):											
Safety Update: No Accidents, No Spills																			
Present Operations: Rotate and slide drill in lateral @ 12461'.																			
DRILLING PARAMETERS						PUMP DATA													
WOB: 40 k-lbs		Drill String Weights		Pump	Model	Lnr Dia (in)	Stk Length	Eff %	bbl / stk	SPM	GPM	PSI							
Surf. RPM: 80		Pick-Up Weight: 145 k-lbs		# 1	HHF-1600	6	12	95%	0.0997	70	293	2700							
Mtr RPM: 0.242 rpg		Rotating Weight: 115 k-lbs		# 2	HHF-1600	6	12	95%	0.0997	70	293	TOTAL GPM							
Total RPM: 222		Slack-Off Weight: 35 k-lbs		# 3								586							
DESCRIPTION OF DAILY ACTIVITIES																			
From:	To:	Hrs:	Code	Description (Input Time in 24:00 format, enter midnight as 24:00 hrs (it will show up as 0:00 hrs))															
6:00	8:45	2:45	Drlg	Rotate drill F/11,860' to 11,966', 106 Ft. @ 43 FPH, WOB 35K, GPM 600, PP 2900, RPM 75, TRQ 19K.															
8:45	9:30	0:45	NPT	Circulating, working on #1 mud pump.															
9:30	11:00	1:30	Drlg	Rotate drill F/11,966' to 11,981', 15 Ft. @ 26 FPH, WOB 35K, GPM 600, PP 2900, RPM 75, TRQ 19K. Slide drill F/11,981' to 11,988', 7 Ft. @ 12 FPH, WOB 35K, GPM 600, PP 2700, DIFF 200, TFO 160R.															
11:00	14:15	3:15	Drlg	Rotate drill F/11,988' to 12,072', 84 Ft. @ 33 FPH, WOB 35K, GPM 600, PP 2900, RPM 75, TRQ 23K. Slide drill F/12,072' to 12,082', 10 Ft. @ 12 FPH, WOB 35K, GPM 600, PP 2700, DIFF 130, TFO 160R.															
14:15	16:30	2:15	Drlg	Rotate drill F/12,082' to 12,157', 75 Ft. @ 32 FPH, WOB 35K, GPM 600, PP 2900, RPM 75, TRQ 23K.															
16:30	17:15	0:45	Rig Serv	In-Hole rig service.															
17:15	18:00	0:45	NPT	Looking for the pipe screen, lost in the mousehole.															
18:00	18:30	0:30	Drlg	Slide drill F/12,157' to 12,162', 5 Ft. @ 10 FPH, WOB 35K, GPM 600, PP 2700, DIFF 290, TFO 160R.															
18:30	2:15	7:45	Drlg	Rotate drill F/12,162' to 12,357', 195 Ft. @ 33 FPH, WOB 35K, GPM 600, PP 2900, RPM 80, TRQ 21K. Slide drill F/12,357' to 12,372', 15 Ft. @ 10 FPH, WOB 60K, GPM 600, PP 2700, DIFF 200, TFO 160R.															
2:15	4:45	2:30	Drlg	Rotate drill F/12,372' to 12,450', 78 Ft. @ 35 FPH, WOB 35K, GPM 600, PP 2900, RPM 80, TRQ 21-22K.															
4:45	6:00	1:15	Drlg	Slide drill F/12,450' to 12,461', 11 Ft. @ 9 FPH, WOB 60K, GPM 600, PP 2700, DIFF 120, TFO 160R.															
6:00		---																	
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CASING DATA				Planned		Actual		BHA				BIT DATA							
Size	#/ft	Grade	Thread	Top	Depth	Top	Depth	Item	OD	Length	Cum	Bit # / Size	3	8.75	4	8.75			
16			Weld		40		43	Ulterra U613M	8.75	1	1.0	MFG	Ulterra		Ulterra				
9 5/8	36.00	J-55	STC		1700		1680	M.M., fixed, 1.80, 7/8, 5.7	6.75	29.66	30.7	Type/Model	U613M		U613M				
5 1/2	17.00	L-80	GBCD		15077			Float Sub	6.5	2.79	33.5	Serial #	34041		35851				
								UBHO	6.438	3	36.5	Nozzles	3 x 16's, 3 x 18's		3 x 16's, 3 x 18's				
								MWD Collar	6.4	29.87	66.3	Depth In	6,908		7,793				
								Flex Collar	6.42	26.25	92.6	Depth Out	7,793						
								X/O	6.563	2.9	95.5	Footage	885						
											95.5	Hours	22.25						
											95.5	ROP (fph)	40.00						
											95.5	Grade	1,2,WT,S,O,I,CT,PR						
DRILLING FLUIDS												Mud Company Report Date:				DEVIATION SURVEYS			
Mud Type		Brine		Daily Mud: \$11,210		Cum Mud: \$54,304		Depth		Incl.		Azi.		Depth		Incl.		Azi.	
Volumes:	Pit	483 bbls	Hole	855 bbls	Company:	Buckeye	Engr:	Rod Munro	11351	90.2	347.1	11911	89.8	347.1					
MW	10.1 ppg	Gels (10s / 10m)	2/3 lb/100 ft2	Chlorides	171,000 mg/L	3 RPM	2 lb/100 ft2	11443	89.3	347.6	12006	90	347.4						
Gradient	0.53 psi/ft	API FL	40 ml/30 min	Total Solids	2.70%	6 RPM	lb/100 ft2	11534	89.7	347.1	12101	88.6	347.1						
Vis	34 sec/qt	Cake	1 32nd	LG Solids		100 RPM	lb/100 ft2	11627	90.9	347.2	12196	88.4	347.9						
PV	2 cP	MBT	ppb eq.	Drill Solids		200 RPM	lb/100 ft2	11722	89.4	346.2	12291	90.4	348.3						
YP	3 lb/100 ft2	pH	9			300 RPM	5 lb/100 ft2	11817	88.9	347.1	12385	89.8	347.4						
MATERIAL INVENTORY																			
Materials		Units		Daily		Well		Materials		Units		Daily		Well					
				Initial		Rec'd		Used		Balance		Total							
MB GA -25		5/gal		28				1		27		5		Caustic Soda					
Fresh Gel		100 #/sx		6						6		99		Lime					
Drill Beads		5 gal				200		50		150		110		Solphalt					
Salt Gel		50 #/sx												Soda Ash					
Drill Pac		50 #/sx												43					
Graphite		50 #/sx		136		150		12		274		126		K-Seal fine					
Soap Sticks		1 each		120						120		60		Graphite					
Yellow Starch		50 #/sx		171		50		6		215		85		EPL 50					
PW-LCM		50 #/sx												9					
Walnut		50 #/sx		50						50				8					
Drill Paper		40 #/sx		42						42		3		3					
Flowzan		25 #/sx												14					
														18					
														SolTex					
														50 #/sx					
														Calcium Carb					
														50 #/sx					
														Poly Vis					
														5 gal					
														20					
														20					
														28					
														Poly Vis					
														5/gal					
DIESEL FUEL: Initial: 10,363 gallons Received gallons Report Time Volume: 8,071 gallons Used: 2,292 gallons																			