

# DAILY DRILLING REPORT

Operator: **Pacesetter Energy LLC**



Well Name: <b>State University Colt #1H</b>		API #: <b>42 - 003 - 47606</b>		County: <b>Andrews</b>		State: <b>Texas</b>		Date: <b>13-Sep-17</b>		Day: <b>6</b>							
Supervisor / Consultant (s): <b>Tracy Lisman</b>						<b>830-221-8332</b>											
Depth: <b>1,683'</b>		Progress:		Formation: <b>Surface Hole</b>		Rig: <b>Nabors M30</b>		Phone:		Floor Height: <b>22'</b>							
AFE #:		Drilling AFE:		Daily Drlg Cost: <b>\$44,374</b>		Cumulative Drlg Cost: <b>\$187,386</b>		Supplement(s):									
Safety Update <b>No Accidents, No Spills</b>																	
Present Operations <b>Washing casing to bottom.</b>																	
<b>DRILLING PARAMETERS</b>						<b>PUMP DATA</b>											
WOB: <b>k-lbs</b>		Drill String Weights		Pump	Model	Lnr Dia (in)	Stk Length	Eff %	bbl / stk	SPM	GPM	PSI					
Surf. RPM: <b>rpm</b>		Pick-Up Weight: <b>k-lbs</b>		# 1	HHF-1600	<b>6</b>	<b>12</b>	<b>95%</b>	0.0997	<b>70</b>	293						
Mtr RPM: <b>rpm</b>		Rotating Weight: <b>k-lbs</b>		# 2	HHF-1600	<b>6</b>	<b>12</b>	<b>95%</b>	0.0997	<b>70</b>	293						
Total RPM: <b>rpm</b>		Slack-Off Weight: <b>k-lbs</b>		# 3								<b>TOTAL GPM</b>					
<b>586</b>																	
<b>DESCRIPTION OF DAILY ACTIVITIES</b>																	
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	7:00	1:00	Trip	Make a wiper trip F/ 1683' to top of 8" D.C.													
7:00	9:30	2:30	Trip	GIH with 3 stds. Of 6.5" collars and 6 stds. Of D.P. to 789', hole started to get tight. Screwed into pipe and reamed several times, hole cleaned up. Next std. went in smooth and then hole got tight again. Decided to ream all the stds. To bottom and clean the hole.													
9:30	10:00	0:30	Circ	Circulated hole clean, shakers cleaned up. Received a call from Vaughn Energy Service that they were going to be late arriving on location.													
10:00	12:30	2:30	NPT	Waiting on Vaughn Energy to arrive, circulate on hole and reciprocate a full std. with reduced GPM. Shakers are clean. Adding gel and starch to the mud.													
12:30	13:30	1:00	Misc.	R/U V.E.S. equipment and run survey tool.													
13:30	14:30	1:00	Circ	R/D V.E.S. equipment. Circulate and work pipe, RPM 100, GPM 380-500													
14:30	17:45	3:15	Trip	POOH 13 stds. To 463', L/D 7 - 8" D.C., 8 - 6.5" D.C., Teledrift tool, break bit and bit sub.													
17:45	18:00	0:15	Misc.	Clean rig floor before R/U casing equipment.													
18:00	20:30	2:30	Csg	R/U casing equipment and hold a safety mtg. with all personel.													
20:30	23:00	2:30	Csg	M/U the shoe track, tack weld the shoe and the collar, test the shoe track, good. Run 9-5/8" casing to 714'.													
23:00	3:30	4:30	Csg	Wash tight hole to 758'. Run casing in hole F/ 758' to 1514'. Hole got tight agin @ 1523', P/U a pump-in swedge and hose. Wash casing down to 1555', made a connection and continue to wash pipe down. GPM 400, diff 190													
3:30	6:00	2:30	Csg	Washed casing down to 1668', will attempt to get all the waay down and R/U cementers. Very little coming over the shakers all night, all sand and rock, not much red bed.													
6:00		---															
<b>CASING DATA</b>				Planned		Actual		<b>BHA</b>				<b>BIT DATA</b>					
Size	#/ft	Grade	Thread	Top	Depth	Top	Depth	Item	OD	Length	Cum	Bit # / Size	1	12.25			
16			Weld		40							MFG	<b>ULTERRA</b>				
9 5/8	36.00	J-55	STC		1700							Type/Model	<b>U616S</b>				
5 1/2	17.00	L-80	GBCD		15077							Serial #	<b>32386</b>				
												Nozzles	<b>6 X 22'S</b>				
												Depth In					
												Depth Out					
												Footage					
												Hours					
												ROP (fph)					
												Grade					
<b>DRILLING FLUIDS</b>																	
Mud Company Report Date:																	
Mud Type		Pit		400	bbls	Hole	233	bbls	Company:	Buckeye		Engr: Rod Munro		Deviation Surveys			
Volumes:		MW		8.4	ppg	Gels (10s / 10m)		2/3	lb/100 ft2	Chlorides		1,600	mg/L	3 RPM			
Gradient		0.44	psi/ft	API FL		ml/30 min		Total Solids		6	RPM	lb/100 ft2	600	0.63	156.08		
Vis		35	sec/qt	Cake		32nd		LG Solids		62.00%	100	RPM	lb/100 ft2	800	0.94	171.91	
PV		3	cP	MBT		ppb eq.		Drill Solids		200	RPM	lb/100 ft2	1000	1.12	185.16		
YP		4	lb/100 ft2	pH		7		300 RPM		lb/100 ft2	1200	1.05	192.36				
<b>MATERIAL INVENTORY</b>																	
Materials		Units	Daily				Well	Materials		Units	Daily				Well		
			Initial	Rec'd	Used	Balance	Total				Initial	Rec'd	Used	Balance	Total		
MB GA -25		5/gal						Caustic Soda		50 #/sx	44			44			
Fresh Gel		100 #/sx	101		31	70	35	Lime		50 #/sx							
Drill Beads		5 gal						Solphalt		50 #/sx							
Salt Gel		50 #/sx						Soda Ash		50 #/sx	50		2	48	2		
Drill Pac		50 #/sx						K-Seal fine		50 #/sx							
Graphite		50 #/sx	50			50		Graphite		50 #/sx							
Soap Sticks		1 each	180		30	150	30	EPL 50		55 drum	4			4			
Yellow Starch		50 #/sx	50			50		SolTex		50 #/sx							
PW-LCM		50 #/sx						Calcium Carb		50 #/sx							
Walnut		50 #/sx	50			50		Poly Vis		50 #/sx							
Drill Paper		40 #/sx	42			42	3	MF-55		5 gal	21		2	19	5		
Flowzan		25 #/sx						Poly Vis		5/gal							
<b>DIESEL FUEL:</b>																	
Initial:		7,455		gallons		Received		7,200		gallons		Report Time Volume:		13,845		gallons	
Used:		810		gallons													