DAILY DRILLING REPORT

Operator: ***Pacesetter Energy LLC***

Well Name:	*State University Colt #1H*	API #:	*42 - 003 - 47606*	County:	*Andrews*	State:	*Texas*
Date:	*14-Sep-17*	Day:	*7*				
Supervisor / Consultant (s):	*Tracy Lisman*						*830-221-8332*
Depth:		Progress:	*-1,683'*	Formation:		Rig:	*Nabors M30*
Phone:		Floor Height:	*22'*				
AFE #:		Drilling AFE:		Daily Drlg Cost:	*$113,191*	Cummulative Drlg Cost:	*$305,879*
Supplement(s):							

Safety Update: ***No Accidents, No Spills***

Present Operations: ***Testing the BOPE.***

DRILLING PARAMETERS

WOB:		k-lbs	Drill String Weights	
Surf. RPM:			Pick-Up Weight:	k-lbs
Mtr RPM:		rpg	Rotating Weight:	k-lbs
Total RPM:			Slack-Off Weight:	k-lbs

PUMP DATA

Pump	Model	Lnr Dia (in)	Stk Length	Eff %	bbl / stk	SPM	GPM	PSI
# 1	HHF-1600	*6*	*12*	*95%*	0.0997			
# 2	HHF-1600	*6*	*12*	*95%*	0.0997			*TOTAL GPM*
# 3								

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	8:00	2:00	Csg	Wash 9-5/8" casing down F/ 1550' to 1680', 400 GPM.
8:00	8:30	0:30	Csg	R/D all Express casing equipment and get trucks off location.
8:30	9:30	1:00	Cmt	Spot Schlumberger cementing trucks and equipment, R/U same. Hold a pre-job safety meeting with all personnel.
9:30	11:00	1:30	Cmt	Switch lines over to the cement head, pump 5 bbls of fresh water, test lines to 2807 PSI. Pump 15 bbls of fresh water spacer @ 5 BPM, 144 PSI. Pump 112 bbls of lead cement @ 5 BPM, 180 PSI, 12.8 PPG, yield 1.73. Pump 81 bbls of tail cement @ 5 BPM, 198 psi, 14.8 PPG, yield 1.33. Drop the top plug and
11:00	15:00	4:00	WOC	Wait on cement. Remove the mousehole, move head, DSA, and spacer spool to the sub. Locate and stage all N/U equipment to the sub.
15:00	18:00	3:00	NU	Cut the conductor and casing, remove from under the sub. Make final cut on casing, set and weld the head. J&W tested the wellhead to 5K, test good. Set DSA and spacer spool.
18:00	1:30	7:30	NU	Raise the BOP's and set on spacer spool, install the rotating head, welder fabricate a 8" TO 10" swedge from the R.H. flange to the flowline, install the dresser sleeve. Bolt up the Co-flex to the choke, install the kill side valves and HCR. N/U same to the bop's. The swedge had to be fabricated due to Nabors
1:30	3:00	1:30	NU	Break the bolts on the upper and lower rams, switch out the rams, install the variables on top and the 5" on bottom. N/U the doors. Nabors did not have the pulling eyes for the rams, had to be removed and installed by hand.
3:00	6:00	3:00	NU	Test the choke, 250 low, 5000 high. Test the stand pipe back to the pumps, 250 low, 4500 high. P/U the test plug and set in wellhead.
6:00		---		
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CASING DATA

Size	#/ft	Grade	Thread	Planned Top	Planned Depth	Actual Top	Actual Depth
16			**Weld**		**40**		
9 5/8	**36.00**	**J-55**	**STC**		**1700**		
5 1/2	**17.00**	**L-80**	**GBCD**		**15077**		

BHA

Item	OD	Length	Cum
Ulterra U613M	*8.75*	*1*	1.0
USBS, 1.0 dgr., 6/7, 5.0	*6.75*	*31.14*	32.1
UBHO	*6.438*	*3*	35.1
MWD Collar	*6.4*	*29.87*	65.0
Flex Collar	*6.42*	*26.25*	91.3
X/O Sub	*6.563*	*2.9*	94.2
			94.2
			94.2
			94.2
			94.2

BIT DATA

Bit # / Size	*1*	*12.25*	*2*	*8.75*
MFG	*ULTERRA*		*Ulterra*	
Type/Model	*U616S*		*U613M*	
Serial #	*32386*		*35842*	
Nozzles	*6 X 22'S*		*3 x 16's, 3 x 18's*	
Depth In	*45*			
Depth Out	*1,683*			
Footage	*1,638*			
Hours	*13.50*			
ROP (fph)	*121.33*			
Grade				

DRILLING FLUIDS

Mud Company Report Date:

Mud Type				Daily Mud:		Cum Mud:	*$3,072*
Volumes: Pit		bbls	Hole	bbls	Company:	*Buckeye*	Engr:
MW		ppg	Gels (10s / 10m)	lb/100 ft2	Chlorides	mg/L	3 RPM lb/100 ft2
Gradient		psi/ft	API FL	ml/30 min	Total Solids		6 RPM lb/100 ft2
Vis		sec/qt	Cake	32nd	LG Solids		100 RPM lb/100 ft2
PV		cP	MBT	ppb eq.	Drill Solids		200 RPM lb/100 ft2
YP		lb/100 ft2	pH				300 RPM lb/100 ft2

DEVIATION SURVEYS

Depth	Incl.	Azi.	Depth	Incl.	Azi.
200	*0.34*	*142.08*	*1400*	*0.82*	*221.04*
400	*0.63*	*156.08*	*1600*	*0.64*	*242.07*
600	*0.82*	*154.77*	*1640*	*0.46*	*252.2*
800	*0.94*	*171.91*			
1000	*1.12*	*185.16*			
1200	*1.05*	*192.36*			

MATERIAL INVENTORY

Materials	Units	Daily Initial	Daily Rec'd	Daily Used	Daily Balance	Well Total
MB GA -25	5/gal					
Fresh Gel	100 #/sx	*70*			70	**35**
Drill Beads	5 gal					
Salt Gel	50 #/sx					
Drill Pac	50 #/sx					
Graphite	50 #/sx	*50*			50	
Soap Sticks	1 each	*150*			150	**30**
Yellow Starch	50 #/sx	*50*			50	
PW-LCM	50 #/sx					
Walnut	50 #/sx	*50*			50	
Drill Paper	40 #/sx	*42*			42	**3**
Flowzan	25 #/sx					

Materials	Units	Daily Initial	Daily Rec'd	Daily Used	Daily Balance	Well Total
Caustic Soda	50 #/sx	*44*			44	
Lime	50 #/sx					
Solphalt	50 #/sx					
Soda Ash	50 #/sx	*48*			48	**2**
K-Seal fine	50 #/sx					
Graphite	50 #/sx					
EPL 50	55 drum	*4*			4	
SolTex	50 #/sx					
Calcium Carb	50 #/sx					
Poly Vis	50 #/sx					
MF-55	5 gal	*19*			19	**5**
Poly Vis	5/gal					

DIESEL FUEL: Initial: *13,845* gallons Received gallons Report Time Volume: *12,862* gallons Used: **983** gallons