



Daily Drilling Report

Well Name UTL 2932-17 2H

Report Date 07/04/2017

API 42-475-37198

Field	Phantom Wolfcamp	Supervisor	Nathanial Baxter	Rig Up Days	0.56	Report No.	49
Location	Sec 12, Block 17	Supervisor 2		Surface Days	2.38	DFS	46.83333333
County	Ward	Rig Phone	432-253-3863	Inter. 1 Days	6.73	Spud Date	04/26/2017
Rig Name	X20	Rig Email	JEPrig05@jaggedpeakenergy.com	Inter 2 Days	5.35	AFE	\$3,183,001.00
KB	32	Daily Footage	714	Prod. Days	34.75	Daily Cost	\$58,949.00
Depth (MD)	18,135	TVD at Bit	11417	Tot. Drill Days	46.83	Cum. Cost	\$4,725,923.96
Estimated TD	21,915			Hrs Drilg	15.75		

Casing Data

Type	Size	Weight	Grade	Connection	Top	Bottom	Shoe Test
Surface	13-3/8	48.0	H-40	STC	32'	1,176'	
Intermediate	7	32.0	ICY P-110	BTC	32'	11,940'	

Mud Properties

Type	CALCIUM CHLORIDE
Weight	11.8
FV	41
PV	13
YP	2
LCM (ppb)	
Chlorides	312000
% Solids	18
Daily Losses	
Total Losses	0

Last Survey

Depth	Inc	Azi
18,024'	90.36°	258.15°

BHA

Description	Length	ID	OD
TK 56	0.75'	2.33	6.00
POWERDRIVE ORBIT RSS	14.50'		4.75
NM HHOP	6.43'	2.75	5.07
MWD TOOL CARRIER	28.06'	2.68	4.71
NM SPIRAL IBS	5.60'	2.25	4.80
NMDC-PONY	14.56'	2.75	4.81
TOMAX	18.00'	2.31	4.75
FILTER SUB	5.64'	2.31	4.83
DTOR 7/8 5.0 (5.75" STAB) .63	25.96'		5.00
Float Sub	3.08'	3.08	4.75
5-3/4" NM GUNDRILL REAMER	4.60'	2.68	4.86
X/O 3.5IF X PT39	2.73'	2.75	4.88
Total Length:	129.91		

Bit Info

[illegible]

Safety

Last BOP Test	06/18/2017	Last BOP Drill	06/24/2017	Last Function Test	06/24/2017	Diesel Used	2,052.00	Diesel Recvd		Diesel on Loc	12,540.00
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Activity Summary (6:00am - 6:00am)

From	To	Hours	P / U	Summary
06:00	08:15	2.25	UnPlanned	<p>TIH F/ 16,625' T/ 17,421'.</p> <p>Downlink RSS and wash down last stand, catching remaining pill in trip tank.</p> <p>Note: No tight spots. Hole displacing properly. Change rotating head at 17,285 due to leak.</p>
08:15	09:15	1.00	UnPlanned	<p>While circulating to bottom, well gaining with bottoms up gas.</p> <p>Increase pressure and take returns through buster.</p> <p>Begin troubleshooting pump pressure problems. Also troubleshooting pit sensors as markers not accurate.</p> <p>CO2 at 34000 units.</p>
09:15	11:00	1.75	Drilling	<p>Drig f/ 17,421' t/ 17,490'</p> <p>AROP = 39.42 fph WOB = 10-15 kips TD RPM = 60 Motor RPM = 141 GPM = 225 ppg SPP = 1700-3900 psi 11.8 PPG 49 Visc</p> <p>Note: Holding 1050 psi on connections, 575 psi while drilling 10% LS 90% SHALE @ 17500 Tool in absolute steer mode. Troubleshoot pressure problems.</p>
11:00	13:45	2.75	UnPlanned	<p>Conditioning mud due to being aired up.</p> <p>Bring PH up adding lime and caustic throughout circulation. Add aluminum sterate for foaming. Start bringing fresh 11.6 ppg CaCl mixing with active, regain pump pressure.</p>
13:45	14:15	0.50	Drilling	<p>Drig f/ 17,490' t/ 17,525'</p> <p>AROP = 17.5 fph WOB = 10-15 kips TD RPM = 60 Motor RPM = 141 GPM = 225 ppg SPP = 1700-3900 psi 11.8 PPG 49 Visc</p> <p>Note: Holding 1050 psi on connections, 575 psi while drilling Tool in absolute steer mode, having issue steering. Troubleshoot pressure problems after going back to active with no fresh CaCL. Pump pressure dropped from 4000 psi to 1700 psi.</p>
14:15	15:00	0.75	UnPlanned	<p>Condition mud.</p> <p>Bring over fresh CaCl. Continue treatments.</p>
15:00	15:45	0.75	Drilling	<p>Drig f/ 17,525' t/ 17,561'</p> <p>AROP = 22 fph WOB = 10-15 kips TD RPM = 60 Motor RPM = 141 GPM = 225 ppg SPP = 1700-3900 psi 11.8 PPG 41Visc</p> <p>Note: Holding 1050 psi on connections, 575 psi while drilling Tool in absolute steer mode, having issue steering. Troubleshoot pressure problems</p>
15:45	17:15	1.50	UnPlanned	<p>Circulate and condition mud.</p> <p>Go through suction pods, screened off with caustic.</p>

				Drig f/ 17,561' t/ 18,135' AROP = 45' fph WOB = 10-15 kips TD RPM = 80 Motor RPM = 141 GPM = 225 ppg SPP = 4200 psi 11.8 PPG 41Visc Note: Holding 1050 psi on connections, 575 psi while drilling
17:15	06:00	12.75	Drilling	
Total Hours:		24		
24 Hour Activity Summary:				
Troubleshoot pump pressure problems. Condition mud. Drill F/ 17,421 T/18,135'				
24 Hour Plan Forward:				
Drill lateral production section to projected TD +/- 21,915'.				

