



Daily Drilling Report

Well Name UTL 2932-17 2H

Report Date 06/29/2017

API 42-475-37198

Field	Phantom Wolfcamp	Supervisor	Joel Kaufman	Rig Up Days	0.56	Report No.	44
Location	Sec 12, Block 17	Supervisor 2	Ty Olsen	Surface Days	2.38	DFS	41.83333333
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	232	Prod. Days	29.75	Daily Cost	\$89,209.00
Depth (MD)	16,544	TVD at Bit	11440	Tot. Drill Days	41.83	Cum. Cost	\$3,998,384.42
Estimated TD	21,915			Hrs Drilg	5.75		

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	11.6
FV	40
PV	11
YP	2
LCM (ppb)	
Chlorides	372000
% Solids	20
Daily Losses	
Total Losses	0

Last Survey

Depth	Inc	Azi
16,411'	90.06°	250.51°

BHA

Description	Length	ID	OD
TD405FTX	0.75'	2.33	6.00
POWERDRIVE ORBIT RSS	14.69'		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
5" MOTOR 7/8 8.2 (5.75" STAB	31.80'		5.00
5-3/4" NM GUNDRILL REAMER	4.60'	2.68	4.86
X/O 3.5IF X PT39	2.73'	2.75	4.88
4" DP PT-39	10847.61'	3.34	4.00
Total Length:	10980.47		

Bit Info

[illegible]

Safety

Last BOP Test	06/18/2017	Last BOP Drill	06/24/2017	Last Function Test	06/24/2017	Diesel Used	1,312.00	Diesel Recvd		Diesel on Loc	12,368.00
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Activity Summary (6:00am - 6:00am)

From	To	Hours	P / U	Summary
06:00	20:00	14.00	UnPlanned	Attempt to condition mud by moving in fresh CaCl to system. After moving in batches of mud and treating active, unable to resolve pump pressure problems. Work with multiple pumps throughout the day to see if a gain in pressure would be noticed. No success. Began hauling in and building mud to displace active system, with new 12.5 ppg CALC. Circulate and reciprocate pipe while building. Displace active with 12.5ppg mud. Monitor pressures. After displacing system, mud coming back aired up and thick. Decision made to displace to 11.6 PPG CaCl Displace system with 11.6 ppg CaCl. Hold 1050 psi back pressure.
20:00	21:15	1.25	Drilling	Drig f/ 16,312' t/ 16,355' AROP = 34.4 fph WOB = 12-18 kips TD RPM = 45 Motor RPM = 143.5 GPM = 205 ppg SPP = 3200 psi 12.6 PPG 47 Visc Note: displacing with 11.6 ppg CaCl while drilling Holding 1050 psi on connections Max Gas at 16,346' of 1958 units 85% LS 15% SHALE
21:15	21:45	0.50	UnPlanned	Rig Service- Begin repairs on 4" on stand pipe. Change O-Ring
21:45	23:00	1.25	Rig NPT	Cont. changing O-ring on 4" on standpipe
23:00	03:30	4.50	Drilling	Drig f/ 16,355' t/ 16544' AROP = 189 fph WOB = 12-18 kips TD RPM = 45-70 Motor RPM = 143.5 GPM = 205 ppg SPP = 3600 psi 11.6 PPG 40 Visc Note: Holding 1050 psi on connections 50% LS 50% SHALE @ 16450 Using Centrifuge to maintain 11.6 ppg
03:30	04:30	1.00	UnPlanned	Troubleshoot MWD. Check all surface equipment, Change transducer, Swap pumps. No improvement in pulse strength.
04:30	06:00	1.50	UnPlanned	Performed clean up cycle. Sync tool to neutral.
Total Hours:		24		

24 Hour Activity Summary:

Build and Displace hole to 12.5ppg mud. Mud still causing pump pressure problems. Displace to 11.6 ppg. Drill F/ 16,312' T/ 16,544'. Troubleshoot MWD. Perform clean up cycle.

24 Hour Plan Forward:

Complete clean up cycle. TOH t/ 11,100'. Spot ECD pill. TOH T/ BHA. Change MWD tool. TIH t/ 12,187'. Circulate out pill.

