



## Daily Drilling Report

Well Name UTL 2932-17 2H

Report Date 07/31/2017

API 42-475-37198

Field	Phantom Wolfcamp	Supervisor	Joel Kaufman	Rig Up Days	0.56	Report No.	76
Location	Sec 12, Block 17	Supervisor 2	Chris Montan	Surface Days	2.38	DFS	73.83333333
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		Prod. Days	61.75	Daily Cost	\$1,013,795.57
Depth (MD)	21,586	TVD at Bit	11419	Tot. Drill Days	76.77	Cum. Cost	\$7,846,117.15
Estimated TD	21,915			Hrs Drlg			

### 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	ICYP P-110	BTC	32'	11,940'	
Liner	4-1/2	13.5	P110	GBCD	10,765'	21,571'	

## Mud Properties

Type	CALCIUM CHLORIDE
Weight	11.5
FV	43
PV	11
YP	1
LCM (ppb)	
Chlorides	318000
% Solids	19
Daily Losses	
Total Losses	0

### Last Survey

Depth	Inc	Azi

## BHA

Description	Length	ID	OD
TK 56	0.75'		6.00
POWERDRIVE ORBIT RSS	14.72'		5.00
Filter Sub	3.08'	2.38	5.00
5" Bico 7882	31.81'		5.00
5-3/4" autotrac nm	4.80'	2.88	4.75
HHOP CROSSOVER	6.43'	2.75	4.75
MWD Tool Carrier	28.35'	2.88	4.81
NM IBS	4.65'	2.88	4.77
NMDCOLLAR	28.98'	2.75	4.70
TOMAX	18.00'	2.31	4.75
3.5" IF P x PT 39B	2.73'	2.75	4.89
4" DP PT 39	6412.23'	3.34	4.88
<b>Total Length:</b>	<b>6556.53</b>		

### Bit Info

[illegible]

## Safety

Last BOP Test	07/25/2017	Last BOP Drill	07/25/2017	Last Function Test	07/25/2017	Diesel Used	1,140.00	Diesel Recvd		Diesel on Loc	10,260.00
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### Activity Summary (6:00am - 6:00am)

From	To	Hours	P / U	Summary
				RIH W/ 4.5" HWDP & 4.5" DP F/ 12,693' T/ 21,575' (RUNNING SPEED 60 FT/MIN)
06:00	12:30	6.50	Casing Run	NOTE: FILLED PIPE EVERY 30 STANDS
12:30	16:00	3.50	Circulate	CIRCULATE 1.5X BOTTOMS UP & PUMP 200 BBLS OF BRINE.
16:00	16:30	0.50	Misc	HELD PJSM W/ COMPASS CEMENTERS & BAKER HUGHES LINER HAND.
16:30	17:45	1.25	Casing Run	STOPPED CIRCULATING, PICKED UP AND MADE UP CEMENT HEAD. DROPPED 1.25" BALL DOWN BROUGHT PRESSURE UP TO 1,500 PSI AND HELD. SLACKED OFF FROM 300K DOWN TO 100K - SET HANGER AND SHEAR BALL SEAT AT 1,590 PSI. PUMPED 4 BBLS OVER AND SHUT PUMPS DOWN. DROPPED AND PUMPED THE 1.5" BALL DOWN. PUMP 20 SPM AT 1,400 PSI. SHEARED SEAT AT 1,625 PSI. PICKED UP TO 270K TO VERIFY LINER HANGER RELEASED. SLACKED BACK OFF TO 160K THEN SET DOWN 80K FOR CEMENT JOB. PUMPED 4 BBLS OVER & SHUT PUMPS DOWN.
				FILL LINES. TESTED SURFACE LINES TO 8,000 PSI - GOOD TEST.
17:45	20:45	3.00	Cementing	MIXED AND PUMPED 30 BBLS OF WEIGHTED SPACER - 12.5 PPG, MIXED AND PUMPED PRIMARY CEMENT- 720 SKS - 194 BBLS @ 13.7 PPG SLURRY. SHUT DOWN AND DROP PLUG, PUMPED 160 BBLS OF FRESH WATER 15 BBLS OF WEIGHTED SPACER 120 BBLS OF CLEAN 9.6 PPG BRINE, SLOWED RATES AND BUMPED THE PLUG AT 1,400 PSI WITH 295 BBLS AWAY IN DISPLACEMENT, PRESSURED UP TO 2,500 PSI - 1000 PSI OVER - AS CALCULATED, HELD FOR 5 MIN. RELEASED PRESSURE, BLEED BACK 2.5 BBLS - FLOATS HELD.  - HAD FULL RETURNS THROUGH OUT CEMENT JOB.
20:45	21:15	0.50	Circulate	PICKED UP 17' OUT OF EXTENSION AND SET THE PACKER WITH 25K DOWN, PICKED UP 30' AND UNSTUNG FROM LINER HANGER, SWAPPED OVER TO RIG PUMPS AND DISPLACED LINER TOP TO SURFACE WITH CLEAN 9.6 PPG BRINE. WASHED THROUGH ALL SURFACES LINES, RIGGED DOWN CEMENTERS TOOLS AND LINES. RIGGED DOWN CEMENT HEAD AND CHANGE OUT ELEVATORS.
				NOTE: GOT BACK 25 BBLS OF SPACER AND TRACE OF CEMENT BACK TO SURFACE.
				R/D CEMENTING EQUIPMENT.
21:15	23:30	2.25	R/U R/D	L/D CEMENT HEAD.
23:30	06:00	6.50	Tripping	WASH THROUGH LINES WITH SUGAR PILL.
				L/D 4.5" DP FROM 10,718' TO 3,923'.
Total Hours:	24			

### 24 Hour Activity Summary:

RIH w/ 4.5" liner t/ 21,571'. Circulate 1.5 times casing volume. Pump 200 bbls of brine. Set hanger. Pump production cement job. Set packer. Circulate hole clean. L/D 4.5" DP & HWDP.

### 24 Hour Plan Forward:

Finish L/D 4.5" DP & HWDP. Clean Pits and tanks. R/D backyard.

