



# Partner Drilling Report

Date : 11/14/2019

Report #: 24.0

Well Name: UTL 2833-17 81H

DSS: 19.54

Lat: 31.620854 Long: -103.195807

<b>Contractor:</b> Helmerich & Payne Drilling	<b>Rig Number:</b> 312	<b>Purpose:</b> Production TD
<b>Division:</b>	<b>Area:</b> Cochise	<b>Field Name:</b> PHANTOM (WOLFCAMP)
<b>County:</b> WARD	<b>State/Province:</b> TX	<b>API/UWI:</b> 42475379030000
<b>Regulatory Spud Date :</b> 09/27/2019	<b>Measured Depth (ftKB):</b> 21,728.0	<b>License #:</b> 853057
<b>Date TD Reached (wellbore):</b>	<b>End Depth (TVD) (ftKB):</b> 11,118.0	<b>Ground Elevation (ft):</b> 2,703.00
<b>Rig Release Date:</b>	<b>Daily Progress (ft):</b> 0.00	<b>Original KB Elevation (ft):</b> 2,728.60
<b>Target Formation:</b> 3rd Bone Spring Sand Lower	<b>Daily Drilling Hours (hr):</b>	<b>KB-Ground Distance (ft):</b> 25.60
<b>Type:</b> Rig Accept	<b>Date:</b> 10/25/2019	

<b>AFE Number</b> 10369D	<b>AFE Amount (Cost)</b> 5,117,680.93
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<b>Daily Mud Field Est (Cost)</b>	<b>Daily Field Est Total (Cost)</b> 618,924.58	<b>Cum Field Est To Date (Cost)</b> 3,433,491.22
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**Daily Activity from 11/13/2019 - 11/14/2019**

Operations at Report Time  
Circulating Casing

Operations Summary  
POOH laying down 5" DP, lay down BHA, clean rig floor, pull wear bushing, rig up casers, run 5 1/2" DQX 23# CYP-110 casing. Circulating casing on bottom.

Operations Next Report Period  
Run 5 1/2" casing, circulate B/U, cement casing, and pull landing joint, nipple down BOP, and install night cap.

**Time Log**

Start Time	End Time	Dur (hr)	End Depth (ftKB)	Wellbore Size (in)	Act	Act Detail	Com
06:00	07:30	1.50	21,728.0	7 7/8	Trips	Lay down drill pipe	POOH F/ 1,200' to BHA'. Laying down drill pipe. Monitor wellbore at 8 5/8" casing. Pull rotating head at 3,000'. No hole problems and hole took proper fill.
07:30	08:45	1.25	21,728.0	7 7/8	Trips	Lay down BHA	HJSM w/ JPE directional and Gordan. Lay down NMDC's, MWD tool, and UBHO. Drain motor and break bit on BHA #08. No hole problems seen and hole took proper fill. Bit Grade 0-1-CT-G-X-0-NO-TD (Reed TKC66) Motor did not drain, and had NO squat.
08:45	09:30	0.75	21,728.0	7 7/8	Other	Other	Pull wear bushing. Clean and clear rig floor.
09:30	10:30	1.00	21,728.0	7 7/8	Run casing & cement	Rig up/down to run casing	Hold PJSM with H&P and Casing Specialties. Rig up CRT and rig up casers.
10:30	04:30	18.00	21,728.0	7 7/8	Run casing & cement	Run casing	Make up 5 1/2" 23# P-110 BTC shoe track. Shoe, pup, float collar, pup, landing collar, 43.77' joint, Fill pipe and Check floats. Make RSI toe sleeve, run 20 joints of 5 1/2", 23# DQX P-110 casing, 1 marker, 183 joints, 1 marker, 21 jnts, airlock sub, 20 joints, 1 marker, 238 jts 5 1/2", 23# DQX P-110 casing, 1 DQX pup. Finsih making up landing joint with hanger. Land casing. Pick up wt 365k, Slack wt.150k. Marker joint A between 20 & 21. Marker joint B between 203 & 204. Airlock between 224 & 225. Marker Joint C between 244 & 245.
04:30	06:00	1.50	21,728.0	7 7/8	Condition mud & circulate	Circulate and Condition	Fill pipe and pressure up to 2,290 psi to rupture air lock sub. Filled casing with 215 bbls of 11.5 ppg Oil base mud. Circulate B/U staging up pumps from 2 bpm, 580 psi to 5.5 bpm, 1,025 psi with no losses. Final circulating pressure with 11.5 ppg @ 5.5 bpm, 1,025 psi. Rig down CRT.

**Casing Strings**

Csg Des	OD (in)	Wt/Len (lb/ft)	Grade	Top Thread	Top (ftKB)	Set Depth (ftKB)	P LeakOff (psi)
Conductor	20	94.00	H-40		25.6	135.1	
Surface	13 3/8	48.00	J-55	STC	25.5	865.7	
Intermediate	8 5/8	32.00	L-80 HC	TEC-Lock Wedge	25.5	10,594.8	



# Partner Drilling Report

Date : 11/15/2019

Report #: 25.0

Well Name: UTL 2833-17 81H

DSS: 20.54

Lat: 31.620854 Long: -103.195807

<b>Contractor:</b> Helmerich & Payne Drilling	<b>Rig Number:</b> 312	<b>Purpose:</b> Production TD
<b>Division:</b>	<b>Area:</b> Cochise	<b>Field Name:</b> PHANTOM (WOLFCAMP)
<b>County:</b> WARD	<b>State/Province:</b> TX	<b>API/UWI:</b> 42475379030000
<b>Regulatory Spud Date :</b> 09/27/2019	<b>Measured Depth (ftKB):</b> 21,728.0	<b>License #:</b> 853057
<b>Date TD Reached (wellbore):</b>	<b>End Depth (TVD) (ftKB):</b> 11,118.0	<b>Ground Elevation (ft):</b> 2,703.00
<b>Rig Release Date:</b> 11/15/2019 06:00	<b>Daily Progress (ft):</b> 0.00	<b>Original KB Elevation (ft):</b> 2,728.60
<b>Target Formation:</b> 3rd Bone Spring Sand Lower	<b>Daily Drilling Hours (hr):</b>	<b>KB-Ground Distance (ft):</b> 25.60
<b>Type:</b> Rig Accept	<b>Date:</b> 10/25/2019	

<b>AFE Number</b> 10369D	<b>AFE Amount (Cost)</b> 5,117,680.93
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<b>Daily Mud Field Est (Cost)</b>	<b>Daily Field Est Total (Cost)</b> 249,961.64	<b>Cum Field Est To Date (Cost)</b> 3,702,192.86
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**Daily Activity from 11/14/2019 - 11/15/2019**

Operations at Report Time  
Rig Released

Operations Summary  
Circulate B/U, cement 5 1/2" casing, flush BOP, pull landing joint, install and test packoff, nipple down BOP, clean mud tanks, install night cap, Rig release @ 06:00 hrs on 11/15/19. Spud to rig release 20.54 Days.

Operations Next Report Period  
Reporting on the State Eiland 14A-GG Houston 12H.

**Time Log**

Start Time	End Time	Dur (hr)	End Depth (ftKB)	Wellbore Size (in)	Act	Act Detail	Com
06:00	07:15	1.25	21,728.0	7 7/8	Condition mud & circulate	Circulate and Condition	Circulate B/U staging up pumps from 2 bpm, 580 psi to 5.5 bpm, 1,025 psi with no losses. Final circulating pressure with 11.5 ppg @ 5.5 bpm, 607 psi.  Rig down CRT.
07:15	14:45	7.50	21,728.0	7 7/8	Run casing & cement	Cement	HJSA and rig up Nine Energy cementers, Pump 3 bbls fresh water to fill lines and pressure test lines 10,000 psi. Pump 51 bbls spacer (Scavenger) @ 12.9 ppg @ 3 bpm, 350 psi. Pump 265 bbls of 12.9 ppg Lead (Scavenger), 1.97 yld, 9.54 gal/sks @ 5 bpm, 382 psi. Pump 410 bbls of 13.0 ppg Tail, 1.42 yld, 7.4 gal/sks @ 5.5 bpm, 520 psi. Drop top plug and displace Cement w/ 370 bbls of 9.8 ppg Brine. Pump @ 5.5 bpm, 237 psi, caught cement @ 25 bbls away 625 psi. Pumped to 290 bbls away @ 5.5 bpm, 4,230 psi, pressure increase 300 psi to 4,500 psi, slowed pumps to 3 bpm, 4,825 psi and lost all returns. Started working casing to try to regain circulation. Pumped to 370 bbls away with no returns as pressure increase gradually to max pressure of 7,800 psi. Decision was made to up kick out pressure to 8,100 psi to toe sleeve max pressure before it opens. still no movement, Decision was made to up kick out pressure to 9,000 psi, still no movement, bled pressure off, brought pumps back on line @ 1 bpm, pressure built to kick out pressure of 9,000 psi. Decision was made to bring pressure up to 10,000 psi, still no movement. Decision was made to hold pressure for 56 min for max time to open RSI toe sleeve. Pressure increased to 10,500 psi while waiting. Check floats, bled back 10 bbls back to tubs, floats held. CIP on 11/14/19 @ 14:16 hrs. Rig down cementers. Estimated Top of Scav Spacer @ 1,613.90'. Estimated Top of Scav @ 2,933.60'. Estimated TOC Tail @ 11,337.10'.
14:45	16:15	1.50	21,728.0	7 7/8	Other	Other	Flush out BOP and choke. Lay down landing joint.
16:15	17:45	1.50	21,728.0	7 7/8	Other	Other	Set pack off and pull tested (Good Test).
17:45	23:45	6.00	21,728.0	7 7/8	Nipple up BOP	Nipple down BOPs	Pull mouse hole. Blow down all mudlines and choke manifold. Nipple down BOP, unhook flow line, unbolt speedy head from BOP.
23:45	01:15	1.50	21,728.0	7 7/8	Other	Other	Install Night Cap.
01:15	06:00	4.75	21,728.0	7 7/8	Rig Up	Skid/Walk Rig	Skid rig 80' out of the way for coil tubing rig. Release rig from UTL 2833-17-81H @ 06:00 hrs.  Rig release @ 06:00 hrs on 11/15/19. Spud to rig release 20.54 Days.

**Casing Strings**

Csg Des	OD (in)	Wt/Len (lb/ft)	Grade	Top Thread	Top (ftKB)	Set Depth (ftKB)	P LeakOff (psi)
Conductor	20	94.00	H-40		25.6	135.1	
Surface	13 3/8	48.00	J-55	STC	25.5	865.7	
Intermediate	8 5/8	32.00	L-80 HC	TEC-Lock Wedge	25.5	10,594.8	
Production	5 1/2	23.00	P-110	DQX	(4.1)	21,707.4	



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