

**UNIVERSITY 48-1 WEST 3H****MIDLAND BASIN UNRESTRICTED****Wellbore Name: OH****CONFIDENTIAL****Partner Report****Report # 1 Date: 1/4/2015 06:00**

Sub-Division MIDLAND BASIN	County REAGAN	Field Name LIN (WOLFCAMP)	Region PB TEXAS EAST	State/Province TX			
Surface Legal Location SEC 1, BLK 48, UNIVERSITY LAND		API/UWI 4238339292	Latitude (°) 31° 8' 44.28" N	Longitude (°) 101° 18' 29.558" W	Ground Elev M... 2,694.00	Orig KB Elev (ft) 2,719.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 11,451.0	Authorized Depth TVD (ftKB)	API/UWI 4238339292
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Costs

WBS Number XX-110305.01.DRL	Planned Days (days) 1.25	Daily Cost (Cost) \$6,600	Cum To Date (Cost) \$6,600	Total WBS+Sup (Cost) \$1,964,866	Job % Complete (%) 53.6
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
MOB	0.81	\$5,363	\$5,363	\$10,000	\$4,638
SURF	0.19	\$1,238	\$1,238	\$117,000	\$115,763

Daily Operations

Rig PINNERGY, 1					
Drilled Last 24 Hours (ft) 265.00	End Depth (ftKB) 290.0	End Depth (TVD) (ftKB) 290.0	DFS (days) 0.19	Report Number 1	Report End Date 1/4/2015
Last Casing String					

Operations at Report Time DRILLING AHEAD @ 290'	24 Hour Forecast FINISH DRILLING SURFACE FROM 290' TO 946' (TD) WITH A 25' (KB), CIRCULATE HOLE CLEAN,LAYDOWN DRILL STRING, RUN 13 3/8" SURFACE CASING.CIRCULATE 2 X CASING CAPACITY, CEMENT WITH BAKER HUGES, WAIT 4 HOURS ON CEMENT,RUN GYRO, CUT AND CAP CASING, RELEASE RIG
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Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	11:00	5.00	SAFETY	ACTIVE	PRE-MOVE SAFETY MEETING WITH PINNERGY, ATK TRUCKING AND DEVON ENERGY. WHILE WAITING ON DAYLIGHT AND FROZEN ROADS TO THAW OUT.
11:00	15:00	4.00	DEMOB	ACTIVE	MOVE PINNERGY RIG 1 FROM THE UNIVERSITY 48-1 EAST #4H LEASE TO THE UNIVERSITY 48-1 WEST #3H , 1.1 MILE MOVE,
15:00	01:30	10.50	RIGU	ACTIVE	RIG UP AND PUMP THROUGH POP OFF. PRE-SPUD INSPECTION AND CORRECTIONS
01:30	06:00	4.50	DRLG	ACTIVE	DRILL NEW 17 1/2" FORMATION FROM 25' (KB) TO 290' WITH FULL CIRCULATION. CALLED TXRRC 1/4/15 @ 6:30 TALKED TO SHAKIA OPERATOR 0058 JOB # 13 BOTH CREWS FULL NO INCIDENTS/ACCIDENTS



UNIVERSITY 48-1 WEST 3H

MIDLAND BASIN UNRESTRICTED

Wellbore Name: OH

CONFIDENTIAL

Partner Report

Report # 2 Date: 1/5/2015 06:00

Sub-Division MIDLAND BASIN	County REAGAN	Field Name LIN (WOLFCAMP)	Region PB TEXAS EAST	State/Province TX		
Surface Legal Location SEC 1, BLK 48, UNIVERSITY LAND	API/UWI 4238339292	Latitude (°) 31° 8' 44.28" N	Longitude (°) 101° 18' 29.558" W	Ground Elev M... 2,694.00	Orig KB Elev (ft) 2,719.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 11,451.0	Authorized Depth TVD (ftKB)	API/UWI 4238339292
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Costs

WBS Number XX-110305.01.DRL	Planned Days (days) 1.25	Daily Cost (Cost) \$156,634	Cum To Date (Cost) \$163,234	Total WBS+Sup (Cost) \$1,964,866	Job % Complete (%) 100.0
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
MOB	0.81	\$0	\$5,363	\$10,000	\$4,638
SURF	1.19	\$156,634	\$157,872	\$117,000	(\$40,872)

Daily Operations

Rig PINNERGY, 1					
Drilled Last 24 Hours (ft) 656.00	End Depth (ftKB) 946.0	End Depth (TVD) (ftKB)	DFS (days) 1.19	Report Number 2	Report End Date 1/5/2015

Last Casing String
SURFACE 1, 946.0ftKB

Operations at Report Time RUNNING GYRO	24 Hour Forecast FINISH WAITING ON CEMENT,RUN GYRO, CUT AND CAP CASING, RELEASE RIG, MOVE TO THE CLARK 1H LEASE AND DRILL SURFACE.
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Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	17:00	11.00	DRLG	ACTIVE	DRILL NEW 17 1/2" FORMATION FROM 290' TO 946' (TD) WITH A 25' (KB), FULL CIRCULATION THROUGH OUT JOB.
17:00	18:00	1.00	CIRC	ACTIVE	PUMP HI-VIS SWEEPS TO LAY DOWN DRILL STRING WITH FULL CIRCULATION.
18:00	20:00	2.00	BHA	ACTIVE	LAY DOWN 13 JTS OF DRILL PIPE AND BHA.
20:00	21:00	1.00	SAFETY	ACTIVE	SAFETY MEETING ON RUNNING 946' OF 13 3/8" SURFACE CASING WITH RIG HANDS AND BYRD CASING CREW WITH A (KB) OF 25' AND RIG UP SAME
21:00	00:00	3.00	CSG	ACTIVE	RUN 946' OF 13 3/8 54.50#,J-55,BTC, SURFACE CASING WITH A (KB) OF 25',
00:00	01:00	1.00	CIRC	ACTIVE	PUMP 2 X CAPACITY OF SURFACE CASING WITH FULL CIRCULATION AND RIG DOWN BYRD CASING.
01:00	03:00	2.00	CMTPRI	ACTIVE	HELD SAFETY MEETING WITH PINNERGY RIG HANDS AND BAKER CEMENTERS, RIG UP HEAD AND EQUIPMENT, TEST STEEL LINES TO 2,500 PSI AND CEMENT 13 3/8 CASING. PUMP 20 BBLS FRESH WATER SPACER, 302 BBLS TAIL CEMENT @ 13.5 PPG (970 SACKS) @ 4.8 BPM, DROP PLUG AND DISPLACE WITH 136 BBLS FRESH WATER. PLUG BUMPED @ CAL-VOL BLEED BACK 1/2 BBLS FLOAT HELD,
03:00	06:00	3.00	CMTPRI	ACTIVE	25 BBLS CEMENT RETUNS TO SURFACE (80 SACKS) WAIT FOUR HOURS ON CEMENT. BOTH CREWS FULL NO INCIDENTS/ACCIDENTS



UNIVERSITY 48-1 WEST 3H

MIDLAND BASIN UNRESTRICTED

Wellbore Name: OH

CONFIDENTIAL

Partner Report

Report # 3 Date: 1/5/2015 08:00

Sub-Division MIDLAND BASIN	County REAGAN	Field Name LIN (WOLFCAMP)	Region PB TEXAS EAST	State/Province TX		
Surface Legal Location SEC 1, BLK 48, UNIVERSITY LAND	API/UWI 4238339292	Latitude (°) 31° 8' 44.28" N	Longitude (°) 101° 18' 29.558" W	Ground Elev M... 2,694.00	Orig KB Elev (ft) 2,719.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 11,451.0	Authorized Depth TVD (ftKB)	API/UWI 4238339292
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Costs

WBS Number XX-110305.01.DRL	Planned Days (days) 1.25	Daily Cost (Cost) \$1,599	Cum To Date (Cost) \$164,833	Total WBS+Sup (Cost) \$1,964,866	Job % Complete (%) 100.0
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
MOB	0.81	\$0	\$5,363	\$10,000	\$4,638
SURF	1.27	\$1,599	\$159,471	\$117,000	(\$42,471)

Daily Operations

Rig PINNERGY, 1					
Drilled Last 24 Hours (ft) 0.00	End Depth (ftKB) 946.0	End Depth (TVD) (ftKB)	DFS (days) 1.27	Report Number 3	Report End Date 1/5/2015
Last Casing String SURFACE 1, 946.0ftKB					
Operations at Report Time RELEASE RIG			24 Hour Forecast RELEASE RIG		

Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	07:00	1.00	CMTPRI	ACTIVE	FINISH WAITING ON CEMENT AND RUN GYRO
07:00	08:00	1.00	RIGD	ACTIVE	CUT AND CAP CASING, RELEASE RIG 1/5/15 @ 8:00
08:00	08:00				BOTH CREWS FULL NO INCIDENTS/ACCIDENTS