



Partner Report

Report # 1 Date: 9/18/2014 06:00

District MIDLAND BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 23, BLK 52, ULS	API/UWI 4210541761	Latitude (°) 31° 1' 28.417" N	Longitude (°) 100° 58' 40.374" W	Ground Elev... 2,562.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,587.00	Tubing Head Elevation (ft)

<b>Jobs</b>			
Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB)	Authorized Depth TVD (ftKB)	API/UWI 4210541761

<b>Costs</b>					
WBS Number XX-108920.01.SLC;XX-108920.01.DRL;XX-108920.01.CMP;XX-108920.01.EQP;XX-108920.01.TIE	Planned Days (days) 29.38	Daily Cost (Cost) \$12,738	Cum To Date (Cost) \$12,738	Total WBS+Sup (Cost) \$100,000	Job % Complete (%) 3.5

Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	1.00	\$12,738	\$12,738	\$2,002,000	\$1,989,262

<b>Daily Operations</b>					
Rig PINNERGY, 3					
Drilled Last 24 Hours (ft) 824.00	End Depth (ftKB) 849.0	End Depth (TVD) (ftKB)	DFS (days) 0.42	Report Number 1	Report End Date 9/18/2014
Last Casing String					

Status at 6 AM RUNNING SURVEY	24 Hour Forecast CIRCULATE, LAY DOWN DRILL STRING, RUN 9 5/8" SURFACE CASING, CIRCULATE 2X CASING CAPACITY.CEMENT 9 5/8" SURFACE CASING, WAIT FOUR HOURS ON CEMENT, RUN GYRO, CUT AND CAP CASING, RELEASE RIG
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<b>Time Log</b>					
Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	20:00	14.00	RIGU	ACTIVE	RIG UP PERFORM RIG MAINTENANCE, CHANGE OUT PULLEY ON #2 PUMP MOTOR, HAVE PRE-SPUD INSPECTION AND CORRECTIONS
20:00	06:00	10.00	DRLG	ACTIVE	DRILL 12 1/4" FORMATION FROM 25' (KB) TO 849' (TD)' WITH FULL CIRCULATION.  CALLED TXRRC 9/17/14 @ 1700 HRS TALKED TO IVY JOB #7840 BOTH CREWS FULL NO INCIDENTS/ACCIDENTS



Partner Report

Report # 2 Date: 9/19/2014 06:00

District MIDLAND BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 23, BLK 52, ULS	API/UWI 4210541761	Latitude (°) 31° 1' 28.417" N	Longitude (°) 100° 58' 40.374" W	Ground Elev... 2,562.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,587.00	Tubing Head Elevation (ft)

<b>Jobs</b>			
Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB)	Authorized Depth TVD (ftKB)	API/UWI 4210541761

<b>Costs</b>					
WBS Number XX-108920.01.SLC;XX-108920.01.DRL;XX-108920.01.CMP;XX-108920.01.EQP;XX-108920.01.TIE	Planned Days (days) 29.38	Daily Cost (Cost) \$128,394	Cum To Date (Cost) \$140,762	Total WBS+Sup (Cost) \$100,000	Job % Complete (%) 7.0

Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	2.00	\$128,394	\$140,762	\$2,002,000	\$1,861,238

<b>Daily Operations</b>					
Rig PINNERGY, 3					
Drilled Last 24 Hours (ft) 0.00	End Depth (ftKB) 849.0	End Depth (TVD) (ftKB)	DFS (days) 1.42	Report Number 2	Report End Date 9/19/2014

Last Casing String  
SURFACE, 849.0ftKB

Status at 6 AM  
WAITING ON TRUCKS

24 Hour Forecast  
RELEASE RIG

<b>Time Log</b>					
Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	06:30	0.50	CIRC	ACTIVE	CIRCULATE HI-VIS SWEEPS AROUND TO LAY DOWN DRILL STRING
06:30	08:00	1.50	BHA	ACTIVE	LAY DOWN 12 JTS OF DRILL PIPE AND BHA
08:00	09:00	1.00	SAFETY	ACTIVE	SAFETY MEETING ON RUNNING 849' OF 9 5/8" SURFACE CASING WITH A (KB) OF 25' AND RIG UP SAME
09:00	13:00	4.00	CSG	ACTIVE	RUN 849' OF 9 5/8,40#.LT&C SURFACE CASING WITH A (KB) OF 25
13:00	13:30	0.50	CIRC	ACTIVE	PUMP 2 X CAPACITY OF SURFACE CASING WITH FULL CIRCULATION
13:30	15:00	1.50	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 9 5/8 CASING. PUMP 20 BBLS FRESH WATER SPACER, 123 BBLS TAIL CEMENT @ 13.5 PPG (395 SACKS) @ 5.0 BPM, DROP PLUG AND DISPLACE WITH 59 BBLS FRESH WATER. PLUG BUMPED @ CAL-VOL BLEED BACK 1/4 BBLS, FLOAT HELD,  45 BBLS ( 144 SACKS ) CEMENT RETURNS TO SURFACE
15:00	19:00	4.00	CMTPRI	ACTIVE	WAIT FOUR HOURS ON CEMENT
19:00	20:00	1.00	DEVSUR	ACTIVE	RUN GYRO WITH VAUGHN ENERGY SERVICES
20:00	06:00	10.00	RIGD	ACTIVE	CUT AND CAP CASING, RIG DOWN AND PERPARE TO MOVE TO THE UNIVERSITY 47-05 #2H RELEASE RIG 9/19/14 @ 6:00  BOTH CREWS FULL NO INCIDENTS/ACCIDENTS



Partner Report

Report # 3 Date: 10/11/2014 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 23, BLK 52, ULS	API/UWI 4210541761	Latitude (°) 31° 1' 28.417" N	Longitude (°) 100° 58' 40.374" W	Ground Elev... 2,562.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,587.00	Tubing Head Elevation (ft)

<b>Jobs</b>			
Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB)	Authorized Depth TVD (ftKB)	API/UWI 4210541761

<b>Costs</b>					
WBS Number XX-108920.01.SLC;XX-108920.01.DRL;XX-108920.01.CMP;XX-108920.01.EQP;XX-108920.01.TIE	Planned Days (days) 16.20	Daily Cost (Cost) \$85,389	Cum To Date (Cost) \$313,432	Total WBS+Sup (Cost)	Job % Complete (%) 17.5

Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	2.17	\$85,389	\$313,432	\$2,047,000	\$1,733,568

<b>Daily Operations</b>					
Rig HELMERICH & PAYNE, 395					
Drilled Last 24 Hours (ft) 0.00	End Depth (ftKB) 849.0	End Depth (TVD) (ftKB)	DFS (days) 0.00	Report Number 3	Report End Date 10/11/2014

Last Casing String SURFACE, 849.0ftKB	
Status at 6 AM RIGGING DOWN	24 Hour Forecast SKID RIG

<b>Time Log</b>					
Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
02:00	06:00	4.00	MOB	ACTIVE	RIG DOWN. PREP TO SKID  NO ACCIDENTS, INCIDENTS OR SPILLS REPORTED NO SAFETY MAN ON LOCATION



Partner Report

Report # 4 Date: 10/12/2014 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 23, BLK 52, ULS	API/UWI 4210541761	Latitude (°) 31° 1' 28.417" N	Longitude (°) 100° 58' 40.374" W	Ground Elev... 2,562.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,587.00	Tubing Head Elevation (ft)

<b>Jobs</b>			
Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB)	Authorized Depth TVD (ftKB)	API/UWI 4210541761

<b>Costs</b>					
WBS Number XX-108920.01.SLC;XX-108920.01.DRL;XX-108920.01.CMP;XX-108920.01.EQP;XX-108920.01.TIE	Planned Days (days) 16.20	Daily Cost (Cost) \$127,951	Cum To Date (Cost) \$441,027	Total WBS+Sup (Cost)	Job % Complete (%) 23.7

Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	3.17	\$127,951	\$441,027	\$2,047,000	\$1,605,973

<b>Daily Operations</b>					
Rig HELMERICH & PAYNE, 395					
Drilled Last 24 Hours (ft) 0.00	End Depth (ftKB) 849.0	End Depth (TVD) (ftKB)	DFS (days) 0.00	Report Number 4	Report End Date 10/12/2014

Last Casing String SURFACE, 849.0ftKB	
Status at 6 AM RIGGING UP	24 Hour Forecast RIG UP, N/U BOP AND TEST. P/U BHA 2 AND DRILL OUT

<b>Time Log</b>					
Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	11:00	5.00	MOB	ACTIVE	UNPLUG WIRES FROM GEN SETS AND VFD HOUSE. SCOPE IN WIRE TRAY AND PULL GROUND RODS. UNPLUG WIRES FROM TRIP TANK AND SERVICE ARM. R/D MCC HOUSE.
11:00	06:00	19.00	MOB	ACTIVE	TRUCKS ARRIVED @ 11:00. REMOVE STAIRS AND V-DOOR UNPIN DOG HOUSE. L/D SAME. SKID RIG @ 13:00 HRS. SET IN PUMPS AND GEN SETS, VFD AND MCC HOUSES. MOVE PITS, TRIP TANK SKID AND WATER TANK. RIG UP GEN SETS PUMPS, AND PITS.  NO ACCIDENTS, INCIDENTS OR SPILLS REPORTED SAFETY MAN ON LOCATION 9 HRS 100% MOVED 95% RIGGED UP 28 HRS FROM RIG RELEASE



Partner Report

Report # 5 Date: 10/13/2014 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 23, BLK 52, ULS	API/UWI 4210541761	Latitude (°) 31° 1' 28.417" N	Longitude (°) 100° 58' 40.374" W	Ground Elev... 2,562.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,587.00	Tubing Head Elevation (ft)

<b>Jobs</b>			
Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,194.0	Authorized Depth TVD (ftKB)	API/UWI 4210541761

<b>Costs</b>					
WBS Number XX-108920.01.SLC;XX-108920.01.DRL;XX-108920.01.CMP;XX-108920.01.EQP;XX-108920.01.TIE	Planned Days (days) 16.20	Daily Cost (Cost) \$145,782	Cum To Date (Cost) \$586,959	Total WBS+Sup (Cost) \$2,199,000	Job % Complete (%) 31.2

Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	4.17	\$145,782	\$586,959	\$2,047,000	\$1,460,041

<b>Daily Operations</b>					
Rig HELMERICH & PAYNE, 395					
Drilled Last 24 Hours (ft) 1,851.00	End Depth (ftKB) 2,700.0	End Depth (TVD) (ftKB)	DFS (days) 0.31	Report Number 5	Report End Date 10/13/2014

Last Casing String SURFACE, 849.0ftKB
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Status at 6 AM DRILLING PRODUCTION TANGENT @ 2700'	24 Hour Forecast DRILL TO KOP. (5166')
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<b>Time Log</b>					
Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	10:30	4.50	BOPS	ACTIVE	N/U BOP. FUNCTION TEST SAME. PERFORM ACCUMULATOR DRILL
10:30	15:30	5.00	BOPS	ACTIVE	TEST BOP. TEST CHOKE MANIFOLD AND RAMS 250/5000, TEST ANNULAR 250/3500. TEST STAND PIPE, TOP DRIVE AND FLOOR VALVES 250/4500. ALL TEST HELD FOR 10 MINUTES
15:30	16:00	0.50	CSG	ACTIVE	TEST CSG WITH 424 PSI SURFACE PRESSURE AND HELD FOR 30 MINUTES
16:00	16:30	0.50	WLHEAD	ACTIVE	SET WEAR BUSHING
16:30	17:30	1.00	BOPS	ACTIVE	N/U FLOWLINE, SET TRIP NIPPLE INSTALL MOUSEHOLE. CALIBRATE BLOCKS
17:30	18:00	0.50	RIGSVC	ACTIVE	SERVICE RIG
18:00	21:30	3.50	BHA	ACTIVE	P/U BHA @ 2 AND TIH T/ 776'. (TOC)
21:30	22:00	0.50	CIRC	ACTIVE	DISPLACE HOLE WITH OBM
22:00	22:30	0.50	RMWASH	ACTIVE	DRILL SHOE TRACK T/ 849'
22:30	06:00	7.50	DRLG	ACTIVE	DRILL PRODUCTION TANGENT F/ 849' T/ 2700'
DRILLED = 1851' ROTATED = 1786' SLID = 65' LAST SURVEY @ 2405' INC = 5.08 AZI = 82.69 AHEAD = 13' LEFT = 13'  NO ACCIDENTS, INCIDENTS OR SPILLS REPORTED SAFETY MAN ON LOCATION 8.5 HRS HAULED 1 LOAD OBM CUTTINGS LAST 24 HRS TOTAL HAULED OFF = 1 LOAD					



Partner Report

Report # 6 Date: 10/14/2014 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 23, BLK 52, ULS	API/UWI 4210541761	Latitude (°) 31° 1' 28.417" N	Longitude (°) 100° 58' 40.374" W	Ground Elev... 2,562.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,587.00	Tubing Head Elevation (ft)

<b>Jobs</b>			
Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,194.0	Authorized Depth TVD (ftKB)	API/UWI 4210541761

<b>Costs</b>					
WBS Number XX-108920.01.SLC;XX-108920.01.DRL;XX-108920.01.CMP;XX-108920.01.EQP;XX-108920.01.TIE	Planned Days (days) 16.20	Daily Cost (Cost) \$143,368	Cum To Date (Cost) \$736,598	Total WBS+Sup (Cost) \$2,126,000	Job % Complete (%) 39.6

Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	5.17	\$143,368	\$736,598	\$2,126,000	\$1,389,402

<b>Daily Operations</b>					
Rig HELMERICH & PAYNE, 395					
Drilled Last 24 Hours (ft) 2,465.00	End Depth (ftKB) 5,165.0	End Depth (TVD) (ftKB) 5,150.2	DFS (days) 1.31	Report Number 6	Report End Date 10/14/2014

Last Casing String SURFACE, 849.0ftKB	Status at 6 AM TIH @ 5165'	24 Hour Forecast BUILD CURVE, BEGIN LATERAL
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<b>Time Log</b>					
Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	14:30	8.50	DRLG	ACTIVE	DRILL PRODUCTION TANGENT F/ 2700' T/ 5165' (KOP)
14:30	16:30	2.00	CIRC	ACTIVE	CIRCULATE SWEEPS. CHECK FLOW, PUMP SLUG
16:30	21:00	4.50	TRIP	ACTIVE	STRAP OUT FOR CURVE/LATERAL ASSY. NO CORRECTION MADE.
21:00	23:30	2.50	TRIP	ACTIVE	L/D BHA 2 AND P/U BHA 3 AND P/U PIPE TO 310'
23:30	01:30	2.00	TRIP	ACTIVE	CUT 75' OF DRILLING LINE
01:30	02:30	1.00	TRIP	ACTIVE	TIH T/ 876'. TEST MTR.
02:30	03:00	0.50	RIGSVC	ACTIVE	SERVICE RIG
03:00	06:00	3.00	TRIP	ACTIVE	TIH T/ 5165'
DRILLED = 2465' ROTATED = 2335' SLID = 130' LAST SURVEY @ 5113' INC = 2.63 AZI = 89.11 AHEAD = 0' LEFT = 12' NEEDED TO LAND = 8.8's 1 ACCIDENT REPORTED. PRELIMINARY REPT SENT NO SPILLS REPORTED SAFETY MAN ON LOCATION 12.5 HRS HAULED 7 LOADS OBM CUTTINGS LAST 24 HRS TOTAL HAULED = 8 LOADS					



Partner Report

Report # 7 Date: 10/15/2014 06:00

District MIDLAND BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 23, BLK 52, ULS	API/UWI 4210541761	Latitude (°) 31° 1' 28.417" N	Longitude (°) 100° 58' 40.374" W	Ground Elev... 2,562.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,587.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,194.0	Authorized Depth TVD (ftKB)	API/UWI 4210541761
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Costs

WBS Number XX-108920.01.SLC;XX-108920.01.DRL;XX-108920.01.CMP;XX-108920.01.EQP;XX-108920.01.TIE	Planned Days (days) 16.20	Daily Cost (Cost) \$101,388	Cum To Date (Cost) \$839,836	Total WBS+Sup (Cost) \$2,126,000	Job % Complete (%) 48.8
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Job Phase DRILLING	Cum Duration (days) 6.17	Field Est this Report (Cost) \$101,388	Cum Phase Costs (Cost) \$839,836	Planned Cost (Cost) \$2,126,000	Cost Variance (Cost) \$1,286,164
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Daily Operations

Rig HELMERICH & PAYNE, 395					
Drilled Last 24 Hours (ft) 2,609.00	End Depth (ftKB) 7,774.0	End Depth (TVD) (ftKB) 5,779.6	DFS (days) 2.31	Report Number 7	Report End Date 10/15/2014

Last Casing String  
SURFACE, 849.0ftKB

Status at 6 AM DRILLING LATERAL @ 7774'	24 Hour Forecast DRILL LATERAL
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Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	17:30	11.50	DRLG	ACTIVE	BUILD CURVE F/ 5165' T/ 6103'
17:30	18:00	0.50	RIGSVC	ACTIVE	SERVICE RIG
18:00	19:00	1.00	DRLG	ACTIVE	BUILD CURVE F/ 6103' T/ 6197'. LANDED CURVE
19:00	06:00	11.00	DRLG	ACTIVE	DRILL LATERAL F/ 6197' T/ 7774'
DRILLED = 2609' ROTATED = 1573' SLID = 1036' LAST SURVEY @ 7373' INC = 90.27 AZI = 180.11 BEHIND = 3.5' RIGHT = 1'  NO ACCIDENTS, INCIDENTS OR SPILLS REPORTED NO SAFETY MAN ON LOCATION LAST 24 HRS HAULED 3 LOADS OBM CUTTINGS LAST 24 HRS TOTAL HAULED OFF = 11 LOADS					



Partner Report

Report # 7 Date: 10/15/2014 06:00

District MIDLAND BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 23, BLK 52, ULS	API/UWI 4210541761	Latitude (°) 31° 1' 28.417" N	Longitude (°) 100° 58' 40.374" W	Ground Elev... 2,562.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,587.00	Tubing Head Elevation (ft)

<b>Jobs</b>			
Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,194.0	Authorized Depth TVD (ftKB)	API/UWI 4210541761

<b>Costs</b>					
WBS Number XX-108920.01.SLC;XX-108920.01.DRL;XX-108920.01.CMP;XX-108920.01.EQP;XX-108920.01.TIE	Planned Days (days) 16.20	Daily Cost (Cost) \$101,388	Cum To Date (Cost) \$839,836	Total WBS+Sup (Cost) \$2,126,000	Job % Complete (%) 48.8

Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	6.17	\$101,388	\$839,836	\$2,126,000	\$1,286,164

<b>Daily Operations</b>					
Rig HELMERICH & PAYNE, 395					
Drilled Last 24 Hours (ft) 2,609.00	End Depth (ftKB) 7,774.0	End Depth (TVD) (ftKB)	DFS (days) 2.31	Report Number 7	Report End Date 10/15/2014

Last Casing String SURFACE, 849.0ftKB	
Status at 6 AM DRILLING LATERAL @ 7774'	24 Hour Forecast DRILL LATERAL

<b>Time Log</b>					
Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	17:30	11.50	DRLG	ACTIVE	BUILD CURVE F/ 5165' T/ 6103'
17:30	18:00	0.50	RIGSVC	ACTIVE	SERVICE RIG
18:00	19:00	1.00	DRLG	ACTIVE	BUILD CURVE F/ 6103' T/ 6197'. LANDED CURVE
19:00	06:00	11.00	DRLG	ACTIVE	DRILL LATERAL F/ 6197' T/ 7774'
DRILLED = 2609' ROTATED = 1573' SLID = 1036' LAST SURVEY @ 7373' INC = 90.27 AZI = 180.11 BEHIND = 3.5' RIGHT = 1'  NO ACCIDENTS, INCIDENTS OR SPILLS REPORTED NO SAFETY MAN ON LOCATION LAST 24 HRS HAULED 3 LOADS OBM CUTTINGS LAST 24 HRS TOTAL HAULED OFF = 11 LOADS					



Partner Report

Report # 8 Date: 10/16/2014 06:00

District MIDLAND BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 23, BLK 52, ULS	API/UWI 4210541761	Latitude (°) 31° 1' 28.417" N	Longitude (°) 100° 58' 40.374" W	Ground Elev... 2,562.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,587.00	Tubing Head Elevation (ft)

<b>Jobs</b>			
Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,194.0	Authorized Depth TVD (ftKB)	API/UWI 4210541761

<b>Costs</b>					
WBS Number XX-108920.01.SLC;XX-108920.01.DRL;XX-108920.01.CMP;XX-108920.01.EQP;XX-108920.01.TIE	Planned Days (days) 16.20	Daily Cost (Cost) \$125,763	Cum To Date (Cost) \$965,598	Total WBS+Sup (Cost) \$2,126,000	Job % Complete (%) 62.0

Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	7.17	\$125,763	\$965,598	\$2,126,000	\$1,160,402

<b>Daily Operations</b>					
Rig HELMERICH & PAYNE, 395					
Drilled Last 24 Hours (ft) 3,846.00	End Depth (ftKB) 11,620.0	End Depth (TVD) (ftKB)	DFS (days) 3.31	Report Number 8	Report End Date 10/16/2014

Last Casing String SURFACE, 849.0ftKB	Status at 6 AM DRILLING LATERAL SECTION @ 11,620'	24 Hour Forecast DRILL LATERAL SECTION TO TD, CTCH, POOH 10 STNDS, LDDP
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<b>Time Log</b>					
Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	18:30	12.50	DRLG	ACTIVE	DRILL LATERAL SECTION FROM 7,774' TO 9,980', GPM 589, WOB 25-30K, RPM 65, TRQ 14-17K, DIFF 750
18:30	19:00	0.50	RIGSVC	ACTIVE	CHANGE OUT CAP GASKET ON #1 MUD PUMP, CIRCULATE AND RECIPROCATATE DRILL STRING 1-1/2 FPM, (OK)
19:00	06:00	11.00	DRLG	ACTIVE	DRILL LATERAL SECTION FROM 9,980' TO 11,620', GPM 589, WOB 25-30K, RPM 65, TRQ 14-17K, DIFF 750
					DRILLED = 3846' ROTATED = 3486' SLIDE = 360' LAST SURVEY @ 11,345' INC = 88.05° AZI = 177.11° LOW = 4.0' LEFT = 4.00'
					NO ACCIDENTS, INCIDENTS OR SPILLS REPORTED NO SAFETY MAN ON LOCATION LAST 24 HRS HAULED 6 LOADS OBM CUTTINGS LAST 24 HRS TOTAL HAULED OFF = 17 LOADS



**Partner Report**

**Report # 9 Date: 10/17/2014 06:00**

District MIDLAND BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 23, BLK 52, ULS	API/UWI 4210541761	Latitude (°) 31° 1' 28.417" N	Longitude (°) 100° 58' 40.374" W	Ground Elev... 2,562.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,587.00	Tubing Head Elevation (ft)

<b>Jobs</b>			
Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,194.0	Authorized Depth TVD (ftKB)	API/UWI 4210541761

<b>Costs</b>					
WBS Number XX-108920.01.SLC;XX-108920.01.DRL;XX-108920.01.CMP;XX-108920.01.EQP;XX-108920.01.TIE	Planned Days (days) 16.20	Daily Cost (Cost) \$117,024	Cum To Date (Cost) \$1,086,423	Total WBS+Sup (Cost) \$2,126,000	Job % Complete (%) 69.5

Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	8.17	\$117,024	\$1,086,423	\$2,126,000	\$1,039,577

<b>Daily Operations</b>					
Rig HELMERICH & PAYNE, 395					
Drilled Last 24 Hours (ft) 1,490.00	End Depth (ftKB) 13,110.0	End Depth (TVD) (ftKB)	DFS (days) 4.31	Report Number 9	Report End Date 10/17/2014

Last Casing String SURFACE, 849.0ftKB
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Status at 6 AM WAIT ON FISHING TOOLS	24 Hour Forecast WAIT ON FISHING TOOLS, FISH FOR BIT AND BIT BOX FROM MUD MOTOR
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<b>Time Log</b>					
Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	14:30	8.50	DRLG	ACTIVE	DRILL LATERAL SECTION FROM 11,620' TO 13,110' MOTOR STALLING WHILE SLIDING, CHECK ALL PRESSURES AND SURFACE EQUIPMENT
14:30	17:00	2.50	CIRC	ACTIVE	CIRCULATE AND PUMP SWEEP, SPP HOLDING 1000 PSI, DECISION WAS MADE TO POOH, ,CHECK WELL FOR FLOW, WELL STATIC
17:00	02:30	9.50	TRIP	ACTIVE	PULL OUT OF HOLE WET, HOLE TAKING PROPER FILL, WORKING THRU TIGHT SPOT @ 12,225', POOH FROM 13,110' TO 118', NO ISSUE, FOUND BIT AND BIT BOX FROM MUD MOTOR MISSING, CALL FOR FISHING TOOLS, WAIT ON FISHING TOOLS, CALL MADE TO FISHING HAND @ 2:52 AM ON 10/17/2014
02:30	06:00	3.50	FISH	ACTIVE	WAIT ON FISHING TOOLS, ETA ON LOCATION 07:30 - 08:00 HRS, 10/17/2014  DRILLED = 1490' ROTATED = 1415' SLIDE = 75' LAST SURVEY @ 13,047' INC = 93.70° AZI = 182.39° LOW = 2.0' RIGHT = 18.00' ANTI COLLISION ULS 52-23 10H CC: 896' BE: 573' CF: 2.77'  NO ACCIDENTS, INCIDENTS OR SPILLS REPORTED NO SAFETY MAN ON LOCATION LAST 24 HRS HAULED 4 LOADS OBM CUTTINGS LAST 24 HRS TOTAL HAULED OFF = 21 LOADS



Partner Report

Report # 10 Date: 10/18/2014 06:00

District MIDLAND BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 23, BLK 52, ULS	API/UWI 4210541761	Latitude (°) 31° 1' 28.417" N	Longitude (°) 100° 58' 40.374" W	Ground Elev... 2,562.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,587.00	Tubing Head Elevation (ft)

<b>Jobs</b>			
Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,194.0	Authorized Depth TVD (ftKB)	API/UWI 4210541761

<b>Costs</b>					
WBS Number XX-108920.01.SLC;XX-108920.01.DRL;XX-108920.01.CMP;XX-108920.01.EQP;XX-108920.01.TIE	Planned Days (days) 16.20	Daily Cost (Cost) \$135,340	Cum To Date (Cost) \$1,221,763	Total WBS+Sup (Cost) \$2,126,000	Job % Complete (%) 71.9

Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	9.17	\$135,340	\$1,221,763	\$2,126,000	\$904,237

<b>Daily Operations</b>					
Rig HELMERICH & PAYNE, 395					
Drilled Last 24 Hours (ft) 0.00	End Depth (ftKB) 13,110.0	End Depth (TVD) (ftKB)	DFS (days) 5.31	Report Number 10	Report End Date 10/18/2014

Last Casing String SURFACE, 849.0ftKB	
Status at 6 AM WASH AND REAMING @ 11,932'	24 Hour Forecast WASH AND REAM DOWN TO FISH, CTCH, POOH

<b>Time Log</b>					
Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	08:00	2.00	FISH	ACTIVE	WAIT ON FISH TOOLS AND ORDERS, ORDERS TO MAKE UP BIT, BITSUB RIH
08:00	15:30	7.50	TRIP	ACTIVE	MU BIT, BS , XO RIH TO TOP OF FISH FILL PIPE EVERY 25 STDS, TRIP IN HOLE TO 11,580' NO PROBLEMS
15:30	06:00	14.50	RMWASH	ACTIVE	PUMP (2) 20 BBL SWEEPS AND CIRCULATE HOLE CLEAN, GPM 575, RPM 80, SPP 2250 PSI @ 575 GPM, SPP 2450 PSI @ 600 GPM, 2750 PSI @ 640 GPM, ROTATE AND RECIPROCATATE DRILL STRING WASHING FROM 11,580' DOWN TO 11,766', INCREASED PUMPS TO 640 GPM AND 90 RPM AND START PUMPING 30 BBL SWEEPS, WASHING DOWN TO 11,730', HOLE TORQUE TO 14K AND PACKING OFF, CONTINUE TO PUMP SWEEPS AND RECIPROCATATE DRILL STRING, WORKING DRILL STRING 68', WORKED FULL STAND WITH NO HOLE ISSUES AFTER (5) SWEEPS, CONTINUE TO WASH AND REAM FROM 11,766' PUMPING 30 BBL SWEEPS, AT 640 GPM AND 90 RPM, WASH DOWN TO 11,932'
NO ACCIDENTS, INCIDENTS OR SPILLS REPORTED SAFETY MAN ON LOCATION LAST 24 HRS = 12 HRS HAULED 1 LOADS OBM CUTTINGS LAST 24 HRS TOTAL HAULED OFF = 22 LOADS 39.5 HOURS FROM TWIST OFF 14.5 HOURS WASH AND REAMING					



Partner Report

Report # 11 Date: 10/19/2014 06:00

District MIDLAND BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 23, BLK 52, ULS	API/UWI 4210541761	Latitude (°) 31° 1' 28.417" N	Longitude (°) 100° 58' 40.374" W	Ground Elev... 2,562.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,587.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,194.0	Authorized Depth TVD (ftKB)	API/UWI 4210541761
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Costs

WBS Number XX-108920.01.SLC;XX-108920.01.DRL;XX-108920.01.CMP;XX-108920.01.EQP;XX-108920.01.TIE	Planned Days (days) 16.20	Daily Cost (Cost) \$101,554	Cum To Date (Cost) \$1,323,318	Total WBS+Sup (Cost) \$2,126,000	Job % Complete (%) 73.9
Job Phase DRILLING	Cum Duration (days) 10.17	Field Est this Report (Cost) \$101,554	Cum Phase Costs (Cost) \$1,323,318	Planned Cost (Cost) \$2,126,000	Cost Variance (Cost) \$802,682

Daily Operations

Rig HELMERICH & PAYNE, 395					
Drilled Last 24 Hours (ft) 0.00	End Depth (ftKB) 13,110.0	End Depth (TVD) (ftKB)	DFS (days) 6.31	Report Number 11	Report End Date 10/19/2014
Last Casing String SURFACE, 849.0ftKB					
Status at 6 AM POOH FOR SIDE TRACK ASSEMBLY @ 10,000'	24 Hour Forecast POOH FOR SIDE TRACK ASSEMBLY, P/U SCRIBE AND SHALLOW TEST MOTOR, TIH TO SIDE TRACK POINT				

Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	01:00	19.00	RMWASH	ACTIVE	WASH AND REAM F/ 11932' TO 13110', PUMPING WEIGHTED 30 BBL SWEEPS, GPM 640, RPM 90, RAISE MUD WEIGHT FROM 9.2 PPG TO 9.3 PPG @ 19:00 @ 12,658', HOLE STILL PACKING OFF AND STALLING OUT WHILE WORKING DRILL STRING FROM 12,680' TO 12,784' HOLE PACKING OFF BELOW 12,755', CONTINUE PUMPING 50 BBL HIGH VIS WEIGHTED SWEEPS AND WORK DRILL STRING FROM 12,680' TO 12,755' NO PROBLEMS
01:00	04:30	3.50	CIRC	ACTIVE	PUMP 50 BBL SWEEPS AND CIRCULATE HOLE CLEAN, FLOW CHECK AND PUMP SLUG
04:30	06:00	1.50	TRIP	ACTIVE	POOH FOR SIDE TRACK ASEMBLY
NO ACCIDENTS, INCIDENTS OR SPILLS REPORTED SAFETY MAN ON LOCATION LAST 24 HRS = 8 HRS HAULED 1 LOADS OBM CUTTINGS LAST 24 HRS TOTAL HAULED OFF = 23 LOADS 63.5 HOURS FROM TWIST OFF 37 HOURS WASH AND REAMING					



Partner Report

Report # 12 Date: 10/20/2014 06:00

District MIDLAND BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 23, BLK 52, ULS	API/UWI 4210541761	Latitude (°) 31° 1' 28.417" N	Longitude (°) 100° 58' 40.374" W	Ground Elev... 2,562.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,587.00	Tubing Head Elevation (ft)

<b>Jobs</b>			
Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,194.0	Authorized Depth TVD (ftKB)	API/UWI 4210541761

<b>Costs</b>					
WBS Number XX-108920.01.SLC;XX-108920.01.DRL;XX-108920.01.CMP;XX-108920.01.EQP;XX-108920.01.TIE	Planned Days (days) 16.20	Daily Cost (Cost) \$105,738	Cum To Date (Cost) \$1,427,946	Total WBS+Sup (Cost) \$2,126,000	Job % Complete (%) 72.8

Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	11.17	\$105,738	\$1,427,946	\$2,126,000	\$698,054

<b>Daily Operations</b>					
Rig HELMERICH & PAYNE, 395					
Drilled Last 24 Hours (ft) 5.00	End Depth (ftKB) 12,008.0	End Depth (TVD) (ftKB)	DFS (days) 7.31	Report Number 12	Report End Date 10/20/2014

Last Casing String  
SURFACE, 849.0ftKB

Status at 6 AM TIME DRILL @ 12,008'	24 Hour Forecast TIME DRILL, GET SEPERATION, DRILL LATERAL SECTION
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<b>Time Log</b>					
Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	10:30	4.50	TRIP	ACTIVE	POOH FOR KO ASSY TO BHA
10:30	13:30	3.00	BHA	ACTIVE	PJSM LD WIPER TRIP BHA PU KO/ LATERAL BHA - SCRIBE AND TEST MOTOR MU BIT RIH W/ BHA
13:30	14:00	0.50	TRIP	ACTIVE	RIH TO 849'
14:00	15:00	1.00	RIGSVC	ACTIVE	PJSM CUT DRILL LINE
15:00	21:30	6.50	TRIP	ACTIVE	RIH WITH KO/LATERAL ASSY TO 11,973', NO PROBLEMS, WASHED DOWN LAST STAND
21:30	00:00	2.50	CIRC	ACTIVE	WORK DRILL STRING FROM 11,945' TO 12,003' TO BUILD THROUGH FOR SIDE TRACK, GPM 500
00:00	06:00	6.00	DRLG	ACTIVE	START SIDE TRACK TIME DRILL FROM 12,003' TO 12,008' GPM 500, SPP 3050, 1 INCH EVERY 5 MINUTES
DRILLED = 5' ROTATED = 0' SLIDE = 5' LAST SURVEY @ 12,007' INC = 93.63° AZI = 181.11° LOW = 2.0' LEFT = 18.00' ALL SURVEY INFO FROM ORIGINAL HOLE, NO NEW SURVEYS  NO ACCIDENTS, INCIDENTS OR SPILLS REPORTED SAFETY MAN ON LOCATION LAST 24 HRS = 12 HAULED 0 LOADS OBM CUTTINGS LAST 24 HRS TOTAL HAULED OFF = 23 LOADS HAZARD HUNT : GROUND WIRE LOSE ON SHAKERS, REPAIRED ON INSPECTION GENERAL HOUSE KEEPING IN AND AROUND RIG					



Partner Report

Report # 13 Date: 10/21/2014 06:00

District MIDLAND BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 23, BLK 52, ULS	API/UWI 4210541761	Latitude (°) 31° 1' 28.417" N	Longitude (°) 100° 58' 40.374" W	Ground Elev... 2,562.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,587.00	Tubing Head Elevation (ft)

<b>Jobs</b>			
Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,194.0	Authorized Depth TVD (ftKB)	API/UWI 4210541761

<b>Costs</b>					
WBS Number XX-108920.01.SLC;XX-108920.01.DRL;XX-108920.01.CMP;XX-108920.01.EQP;XX-108920.01.TIE	Planned Days (days) 16.20	Daily Cost (Cost) \$90,912	Cum To Date (Cost) \$1,506,424	Total WBS+Sup (Cost) \$2,126,000	Job % Complete (%) 78.6

Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	12.17	\$90,912	\$1,506,424	\$2,126,000	\$619,576

<b>Daily Operations</b>					
Rig HELMERICH & PAYNE, 395					
Drilled Last 24 Hours (ft) 1,620.00	End Depth (ftKB) 13,628.0	End Depth (TVD) (ftKB)	DFS (days) 8.31	Report Number 13	Report End Date 10/21/2014

Last Casing String SURFACE, 849.0ftKB	
Status at 6 AM DRILL LATERAL SECTION @ 13,628'	24 Hour Forecast DRILL LATERAL SECTION ST01 TO TD, CTCH, LDDP

<b>Time Log</b>					
Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	14:00	8.00	DRLG	ACTIVE	SIDE TRACK TIME DRILL FROM 12,008' TO 12,019' GPM 500, SPP 3050, 1 INCH EVERY 5 MINUTES FOR 5' THEN 1 INCH EVRY 4 MINUTES FOR 5 MINUTES, SIDE TRACKED, DRILL AHEAD, WOB 25, GPM 575, SPP 4000, DIFF 650
14:00	14:30	0.50	RIGSVC	ACTIVE	SERVICE RIG
14:30	06:00	15.50	DRLG	ACTIVE	SIDE TRACK TIME DRILL FROM 12,019' TO 12,058' GPM 500, SPP 3050, 1 INCH EVRY 3 MINUTES FOR 5 MINUTES, SIDE TRACKED, DRILL AHEAD, WOB 25, GPM 575-530 SPP 4000-3850, DIFF 650, DRILL FROM 12,058' TO 13,628', DRILL AS PER PLAN #4
DRILLED = 1,620' ROTATED = 1,418' SLIDE = 202' LAST SURVEY @ 13,490' INC = 91.49° AZI = 183.14° HIGH = 0.0' LEFT = 25.00' ANTI-COLLISION ULS 52-23 10H CC: 967' BE: 633' CF: 2.89'					
NO ACCIDENTS, INCIDENTS OR SPILLS REPORTED SAFETY MAN ON LOCATION LAST 24 HRS = 12 HAULED 1 LOADS OBM CUTTINGS LAST 24 HRS TOTAL HAULED OFF = 24 LOADS					



Partner Report

Report # 14 Date: 10/22/2014 06:00

District MIDLAND BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 23, BLK 52, ULS	API/UWI 4210541761	Latitude (°) 31° 1' 28.417" N	Longitude (°) 100° 58' 40.374" W	Ground Elev... 2,562.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,587.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,194.0	Authorized Depth TVD (ftKB)	API/UWI 4210541761
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Costs

WBS Number XX-108920.01.SLC;XX-108920.01.DRL;XX-108920.01.CMP;XX-108920.01.EQP;XX-108920.01.TIE	Planned Days (days) 16.20	Daily Cost (Cost) \$87,713	Cum To Date (Cost) \$1,620,784	Total WBS+Sup (Cost) \$2,126,000	Job % Complete (%) 86.2
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	13.17	\$87,713	\$1,620,784	\$2,126,000	\$505,216

Daily Operations

Rig HELMERICH & PAYNE, 395					
Drilled Last 24 Hours (ft) 508.00	End Depth (ftKB) 14,136.0	End Depth (TVD) (ftKB) 5,727.4	DFS (days) 9.31	Report Number 14	Report End Date 10/22/2014

Last Casing String  
SURFACE, 849.0ftKB

Status at 6 AM FINISH L/D DIRECTIONAL TOOLS	24 Hour Forecast PREP FOR CSG RUN, R/U RUN 5.5" PRODUCTION CASING
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Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	08:30	2.50	DRLG	ACTIVE	DRILL LATERAL F/ 13628' TO 14136' TD
08:30	16:30	8.00	CIRC	ACTIVE	CIRCULATE. PERFORM CLEAN UP CYCLE. PUMPED SWEEPS EACH HOUR 8 HRS WITH HOLE CLEAN. FLOW CHECK NO FLOW PUMP SLUG
16:30	17:00	0.50	TRIP	ACTIVE	POOH W/ 10STDS TO 13151', NO PROBLEMS, HOLE TAKING PROPER FILL
17:00	18:30	1.50	DPIPE	ACTIVE	LAY DOWN DRILL PIPE FROM 13,151' TO 12,058, HOLE TAKING PROPER FILL, TIGHT SPOT @ 12,058'
18:30	19:30	1.00	RMWASH	ACTIVE	WASH THRU TIGHT SPOT @ 12,058', CHECK FLOW AND PUMP SLUG
19:30	04:30	9.00	DPIPE	ACTIVE	LAY DOWN DRILL PIPE FROM 12,058' TO BHA, NO PROBLEMS, HOLE TAKING PROPER FILL
04:30	06:00	1.50	BHA	ACTIVE	L/D DIRECTIONAL TOOLS/BHA
DRILLED = 508' ROTATED = 508' SLIDE = 0' LAST SURVEY @ 13,963' INC = 90.98° AZI = 186.14° LOW = 3.0' RIGHT = 5.00' ANTI-COLLISION ULS 52-23 10H CC: 883' BE: 521' CF: 2.43'  NO ACCIDENTS, INCIDENTS OR SPILLS REPORTED SAFETY MAN ON LOCATION LAST 24 HRS = 12 HAULED 3 LOADS OBM CUTTINGS LAST 24 HRS TOTAL HAULED OFF = 27 LOADS					



Partner Report

Report # 15 Date: 10/23/2014 06:00

District MIDLAND BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX
Surface Legal Location S 23, BLK 52, ULS	API/UWI 4210541761	Latitude (°) 31° 1' 28.417" N	Longitude (°) 100° 58' 40.374" W	Ground Elev... 2,562.00
			KB - GL (ft) 25.00	Orig KB Elev (ft) 2,587.00
				Tubing Head Elevation (ft)

<b>Jobs</b>				
Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,194.0	Authorized Depth TVD (ftKB)	API/UWI 4210541761	

<b>Costs</b>					
WBS Number XX-108920.01.SLC;XX-108920.01.DRL;XX-108920.01.CMP;XX-108920.01.EQP;XX-108920.01.TIE	Planned Days (days) 16.20	Daily Cost (Cost) \$63,534	Cum To Date (Cost) \$1,684,318	Total WBS+Sup (Cost) \$2,126,000	Job % Complete (%) 92.8
Job Phase DRILLING	Cum Duration (days) 14.17	Field Est this Report (Cost) \$63,534	Cum Phase Costs (Cost) \$1,684,318	Planned Cost (Cost) \$2,126,000	Cost Variance (Cost) \$441,682

<b>Daily Operations</b>					
Rig HELMERICH & PAYNE, 395					
Drilled Last 24 Hours (ft) 0.00	End Depth (ftKB) 14,136.0	End Depth (TVD) (ftKB) 5,727.4	DFS (days) 10.31	Report Number 15	Report End Date 10/23/2014

Last Casing String SURFACE, 849.0ftKB	
Status at 6 AM L/D CASING	24 Hour Forecast L/D CASING BACK TO 12,000' AND TRY AND RE-ENTER NEW ST01 HOLE

<b>Time Log</b>					
Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	07:30	1.50	CSG	ACTIVE	PULL WEAR BUSHING - RD BAILS AND ELEVATORS
07:30	09:30	2.00	SAFETY	ACTIVE	PJSM ON RU OF CRT AND CASING EQUIP - RIG CASING TOOLS
09:30	20:30	11.00	CSG	ACTIVE	PJSM, MU SHOE TRACK CIRC THRU SAME - RUN 5.5 DWC/C 17# CASING TO 7285" FILL EVERY JT, BREAK CIRC AT TOP OF CURVE - CIRC PIPE CAP AT BASE OF CURVE - CONT RUN CASING TO 7,285'
20:30	21:00	0.50	RIGSVC	ACTIVE	REPAIR PIPE WRANGLER SKATE
21:00	04:30	7.50	CSG	ACTIVE	RUN 5.5 DWC/C 17# CASING TO 12,875' FILL EVERY JT, TAGGING UP @ 12,875
04:30	05:30	1.00	CSG	ACTIVE	WORK CASING @ 12,875' WASHING DOWN TO 12,879'
05:30	06:00	0.50	CSG	ACTIVE	LAY DOWN CASING AND PREP TO TRY AND RE-ENTER NEW ST01 HOLE
NO ACCIDENTS, INCIDENTS OR SPILLS REPORTED SAFETY MAN ON LOCATION LAST 24 HRS = 12 HAULED 0 LOADS OBM CUTTINGS LAST 24 HRS TOTAL HAULED OFF = 27 LOADS CONTACTED (TRRC) @ 17:30 ON 10/22/2014 ON PRODUCTION CEMENT, SPOKE WITH TANEKA NOTIFIED ULS OF MOVE @ 18:15 ON 10/22/2014					



Partner Report

Report # 16 Date: 10/24/2014 06:00

District MIDLAND BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 23, BLK 52, ULS	API/UWI 4210541761	Latitude (°) 31° 1' 28.417" N	Longitude (°) 100° 58' 40.374" W	Ground Elev... 2,562.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,587.00	Tubing Head Elevation (ft)

<b>Jobs</b>			
Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,194.0	Authorized Depth TVD (ftKB)	API/UWI 4210541761

<b>Costs</b>					
WBS Number XX-108920.01.SLC;XX-108920.01.DRL;XX-108920.01.CMP;XX-108920.01.EQP;XX-108920.01.TIE	Planned Days (days) 16.20	Daily Cost (Cost) \$64,125	Cum To Date (Cost) \$1,772,332	Total WBS+Sup (Cost) \$2,126,000	Job % Complete (%) 99.3

Job Phase DRILLING	Cum Duration (days) 15.17	Field Est this Report (Cost) \$64,125	Cum Phase Costs (Cost) \$1,772,332	Planned Cost (Cost) \$2,126,000	Cost Variance (Cost) \$353,668
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<b>Daily Operations</b>					
Rig HELMERICH & PAYNE, 395					
Drilled Last 24 Hours (ft) 0.00	End Depth (ftKB) 14,136.0	End Depth (TVD) (ftKB) 5,727.4	DFS (days) 11.31	Report Number 16	Report End Date 10/24/2014

Last Casing String SURFACE, 849.0ftKB	
Status at 6 AM L/D 5.5" PRODUCTION CASING@ 4,861'	24 Hour Forecast FINISH L/D CASING, RUN NEW CASING WITH BENT JOINT & UBHO SUB

<b>Time Log</b>					
Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	09:00	3.00	CSG	ACTIVE	WASH AND REAM CSG OUT OF (OH) WILL TRY TO ENTER NEW ST01 HOLE FROM 12,877' TO 11,963'
09:00	10:00	1.00	CSG	ACTIVE	PUMP 30 BBL SWEEP AND CIRCULATE OUT WORKING CASING FROM 11,960' TO 12,009', WORKING TROUGH
10:00	12:00	2.00	CSG	ACTIVE	WASH AND REAM CASING FROM 11,963' TO 12,380' OK
12:00	13:30	1.50	CSG	ACTIVE	RIH WITH CASING FROM 12,380' TO 12,877' WILL NOT WASH DOWN, STILL IN OLD (OH) HOLE, DECISION MADE TO LAY DOWN CASING
13:30	15:30	2.00	CSG	ACTIVE	S/M ON L/D CASING WITH TESCO, H&P, DEVON SUP, DEVON PIC, DEVON SAFETY REP, R/U CASING TONGS AND BUILD SLUG
15:30	06:00	14.50	CSG	ACTIVE	LAY DOWN 5.5" 17# DWC CASING FROM 12,877' TO 4,861', HOLE TAKING PROPER FILL, NO PROBLEMS
NO ACCIDENTS, INCIDENTS OR SPILLS REPORTED SAFETY MAN ON LOCATION LAST 24 HRS = 12 HAULED 0 LOADS OBM CUTTINGS LAST 24 HRS TOTAL HAULED OFF = 27 LOADS CONTACTED (TRRC) @ 17:30 ON 10/22/2014 ON PRODUCTION CEMENT, SPOKE WITH TANEKA NOTIFIED ULS OF MOVE @ 18:15 ON 10/22/2014					



Partner Report

Report # 17 Date: 10/25/2014 06:00

District MIDLAND BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 23, BLK 52, ULS	API/UWI 4210541761	Latitude (°) 31° 1' 28.417" N	Longitude (°) 100° 58' 40.374" W	Ground Elev... 2,562.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,587.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,194.0	Authorized Depth TVD (ftKB)	API/UWI 4210541761
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Costs

WBS Number XX-108920.01.SLC;XX-108920.01.DRL;XX-108920.01.CMP;XX-108920.01.EQP;XX-108920.01.TIE	Planned Days (days) 16.20	Daily Cost (Cost) \$83,624	Cum To Date (Cost) \$1,855,956	Total WBS+Sup (Cost) \$2,126,000	Job % Complete (%) 100.0
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	16.17	\$83,624	\$1,855,956	\$2,126,000	\$270,044

Daily Operations

Rig HELMERICH & PAYNE, 395					
Drilled Last 24 Hours (ft) 0.00	End Depth (ftKB) 14,136.0	End Depth (TVD) (ftKB) 5,727.4	DFS (days) 12.31	Report Number 17	Report End Date 10/25/2014

Last Casing String  
SURFACE, 849.0ftKB

Status at 6 AM RUN 5.5" PRODUCTION CSG STRING #2 @ 9,706'	24 Hour Forecast RUN #2 CASING STRING TO 12,000', R/U MS WIRE LINE, PUMP DOWN GYRO, ORIENTATE, RUN CASING, ORIENTATE, RUN CASING TO BOTTOM AND CEMENT, SET SLIPS, N/D BOPS, CLEAN PITS AND RIG
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Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	15:00	9.00	CSG	ACTIVE	LAY DOWN REMAINDER OF FIRST STRING OF 5.5" PRODUCTION CASING, HOLE TAKING PROPER FILL
15:00	15:30	0.50	RIGSVC	ACTIVE	SERVICE RIG AND CLEAN RIG FLOOR OF OBM AND PREP TO P/U 5.5" CASING STRING #2 WITH UBHO SUB FOR ORIENTATING DIRECTION OF ST01 HOLE
15:30	06:00	14.50	CSG	ACTIVE	PJSM WITH H&P, TESCO, DEVON PIC AND DEVON SAFETY REP, AND BEND SHOE JOINT AND ORIENT SAME WITH MULTY SHOT , M/U UBHO AND SHOE TRACK, PUMP THRU SAME (OK), RUN 5.5" 17# RYP110 DWC PRODUCTION CASING STRING #2, FILL ON FLY, CIRCULATE AND KOP AND EOC
NO ACCIDENTS, INCIDENTS OR SPILLS REPORTED SAFETY MAN ON LOCATION LAST 24 HRS = 12 HAULED 1 LOADS OBM CUTTINGS LAST 24 HRS TOTAL HAULED OFF = 28 LOADS CONTACTED (TRRC) @ 17:30 ON 10/22/2014 ON PRODUCTION CEMENT, SPOKE WITH TANEKA NOTIFIED ULS OF MOVE @ 18:15 ON 10/22/2014					



**Partner Report**

**Report # 18 Date: 10/26/2014 06:00**

District MIDLAND BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 23, BLK 52, ULS	API/UWI 4210541761	Latitude (°) 31° 1' 28.417" N	Longitude (°) 100° 58' 40.374" W	Ground Elev... 2,562.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,587.00	Tubing Head Elevation (ft)

<b>Jobs</b>			
Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,194.0	Authorized Depth TVD (ftKB)	API/UWI 4210541761

<b>Costs</b>					
WBS Number XX-108920.01.SLC;XX-108920.01.DRL;XX-108920.01.CMP;XX-108920.01.EQP;XX-108920.01.TIE	Planned Days (days) 16.20	Daily Cost (Cost) \$66,119	Cum To Date (Cost) \$1,922,075	Total WBS+Sup (Cost) \$2,126,000	Job % Complete (%) 100.0

Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	17.17	\$66,119	\$1,922,075	\$2,126,000	\$203,925

<b>Daily Operations</b>					
Rig HELMERICH & PAYNE, 395					
Drilled Last 24 Hours (ft) 0.00	End Depth (ftKB) 14,136.0	End Depth (TVD) (ftKB) 5,727.4	DFS (days) 13.31	Report Number 18	Report End Date 10/26/2014

Last Casing String  
SURFACE, 849.0ftKB

Status at 6 AM RIG UP TO RUN TRACTOR	24 Hour Forecast RUN WELLTEC TRACTOR WITH VAUGHN, ORIENT GYRO, R/D VAUGHN, RUN CASING, R/D TESCO, R/U CIRCULATING HEAD AND IRON, CIRCULATE,R/U BAKER,CEMENT, SET SLIPS, N/D BOP'S, CLEAN MUD TANKS AND RIG
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<b>Time Log</b>					
Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	09:00	3.00	CSG	ACTIVE	RUN 5.5" CSG FROM 9,706' TO 11,986'
09:00	12:00	3.00	WIRELINE	ACTIVE	R/U MS WIRE LINE TRUCK AND PACK OFF ON TOP DRIVE
12:00	17:00	5.00	WIRELINE	ACTIVE	RUN IN HOLE WITH MS TOOL TO 6,327' WHILE PUMPING 422 GPM, TOOL NOT PUMPING DOWN, MS SHOWING 0 TOOL WEIGHT, PULL TOOL OUT AND REMOVE BOW SPRINGS AND TRY AGAIN WITH NO SUCCESS
17:00	18:00	1.00	WIRELINE	ACTIVE	RIG DOWN WIRE LINE SHEAVES AND TRUCK, R/D PACK OFF FROM TOP DRIVE
18:00	18:30	0.50	CSG	ACTIVE	RIG UP CRT TOOL AND PREP TO RIH WITH CASING STRING #2 FROM 12,083'
18:30	19:30	1.00	CSG	ACTIVE	RIH WITH 5.5" CASING STING #2 FROM 12,083' TO 12,857', STILL APPEARS TO BE IN OLD HOLE
19:30	20:30	1.00	CIRC	ACTIVE	ATTEMPT TO WASH DOWN CASING WITH NO SUCCESS WHILE MIXING SLUG, PREP TO POOH TO 12,083'
20:30	22:30	2.00	CSG	ACTIVE	PUMP SLUG AND L/D CASING FROM 12,857' TO 12,083', HOLE TAKING PROPER FILL, NO PROBLEMS
22:30	00:00	1.50	WIRELINE	ACTIVE	WORK CASING WHILE WAITING ON VES AND WELLTEC FOR WIRE LINE TRUCK, PARACHUTE AND TRACTOR. ON LOCATION @ 00:00 10/26/2014
00:00	06:00	6.00	WIRELINE	ACTIVE	PJSM WITH H&P, VAUGHN, DEVON PIC, R/D SERVICE LOOP ON CRT TOOL, R/U VAUGHN WIRE LINE TRUCK AND SHEAVES AT CROWN, RUN IN HOLE WITH WIRE LINE WITH PARACHUTE AND PUMP DOWN TO 8,688', POOH WITH PARACHUTE, C/O TO TRACTOR, WELLTEC ON LOCATION @ 02:00 10/26/2014 WITH TRACTOR
NO ACCIDENTS, INCIDENTS OR SPILLS REPORTED SAFETY MAN ON LOCATION LAST 24 HRS = 12 HAULED 0 LOADS OBM CUTTINGS LAST 24 HRS TOTAL HAULED OFF = 28 LOADS					



Partner Report

Report # 19 Date: 10/27/2014 06:00

District MIDLAND BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 23, BLK 52, ULS	API/UWI 4210541761	Latitude (°) 31° 1' 28.417" N	Longitude (°) 100° 58' 40.374" W	Ground Elev... 2,562.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,587.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,194.0	Authorized Depth TVD (ftKB)	API/UWI 4210541761
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Costs

WBS Number XX-108920.01.SLC;XX-108920.01.DRL;XX-108920.01.CMP;XX-108920.01.EQP;XX-108920.01.TIE	Planned Days (days) 16.20	Daily Cost (Cost) \$177,645	Cum To Date (Cost) \$2,099,720	Total WBS+Sup (Cost) \$2,126,000	Job % Complete (%) 100.0
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Job Phase DRILLING	Cum Duration (days) 18.17	Field Est this Report (Cost) \$177,645	Cum Phase Costs (Cost) \$2,099,720	Planned Cost (Cost) \$2,126,000	Cost Variance (Cost) \$26,280
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Daily Operations

Rig HELMERICH & PAYNE, 395					
Drilled Last 24 Hours (ft) 0.00	End Depth (ftKB) 14,136.0	End Depth (TVD) (ftKB) 5,727.4	DFS (days) 14.31	Report Number 19	Report End Date 10/27/2014

Last Casing String SURFACE, 849.0ftKB
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Status at 6 AM R/D CRT, R/U CEMENT HEAD	24 Hour Forecast CIRCULATE 1-1/2 CASING CAPACITY, CEMENT 5.5" CASING W/ BAKER, N/D SET SLIPS, L/D BOPS, N/U TUBING HEAD, CLEAN MUD TANKS AND RIG
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Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	11:00	5.00	WIRELINE	ACTIVE	SURFACE TEST TRACTOR AND GYRO FOR COMPATIBILITY ON RUNNING AMPS, RUN TRACTOR DOWN TO 11,951', TOOL WAS NOT SET TO READ TOOL FACE, HAD IT SET ON INC AND AZM, RIH TO 11975
11:00	13:00	2.00	WIRELINE	ACTIVE	RE-RUN TRACOR BACK TO BOTTOM @ 11,975' AND SEAT IN W/ 92.01 INC° 178.68 AZM°, 11,985' 93.18°, 178.30°, 11,995' 93.30°, 177.94° AZM, 12,005' 93.25°, 177.95° AZM, 12,015', 93.17°, 177.71° AZM, MAKE CALL AND POOH W/TRACTOR AND RECONFIGURE TOOL TO READ TOOL FACE
13:00	17:30	4.50	WIRELINE	ACTIVE	RE-RUN TRACTOR BACK DOWN TO 11975' WORK TORQUE INTO STRING AND ORIENT TOOL FACE WITH , 180 TOOL FACE, , WORK PIPE BACK DOWN TO 12085 TOOL HOLDING TF TO 180 TO SLACK OFF INTO SIDE TRACK UNSTING FROM UBHO TAKE 4 SURVEYS WHILE POOH W/ TOOL 1ST AT 12017' 92.85 INC AZM 178.69 2ND N12007 93.19 178.49 3RD 11997 93.47 178.49 4TH 9295 178.39
17:30	21:00	3.50	WIRELINE	ACTIVE	CALL WAS MADE TO POOH WITH TRACTOR AND RUN CASING, POOH WITH TRACTOR AND RIG DOWN PACKOFF AND PREP TO RIH WITH CASING
21:00	22:00	1.00	CSG	ACTIVE	RUN IN HOLE WITH CASING FROM 12,085' TO 12,877'
22:00	23:30	1.50	CSG	ACTIVE	CONTINUE TO RUN 5.5" 17# RYP110 CASING INTO ST01 HOLE FROM 12,877' TO 13,933', NO PROBLEMS, END NPT TIME @ 22:00 10/26/2014
23:30	04:00	4.50	CIRC	ACTIVE	CIRCULATE @ 13,933', CIRCULATE AND CONITION MUD.
04:00	04:30	0.50	CSG	ACTIVE	CONTINUE TO RUN 5.5" 17# RYP110 PRODUCTION CASING FROM 13,933' TO 14,074',
04:30	06:00	1.50	CSG	ACTIVE	RIG DOWN CRT TOOL AND RIG UP BAKER CEMENT HEAD AND CIRCULATING IRON
NO ACCIDENTS, INCIDENTS OR SPILLS REPORTED SAFETY MAN ON LOCATION LAST 24 HRS = 12 HAULED 0 LOADS OBM CUTTINGS LAST 24 HRS TOTAL HAULED OFF = 28 LOADS  CONTACTED (TRRC) @ 23:00 ON 10/26/2014 FOR CEMENT 5.5" PRODUCTION CASING, SPOKE WITH IJUANA E-MAILED MOVE NOTIFICATION @23:00 ON 10/26/2014 FOR MOVE ON 10/29/2014 FROM UNIVERSITY 52-23 11H TO THE HARRIS RANCH BB2-8 2H HAZARD HUNT FIND: FENCE DOWN AROUND RESERVE, MISSING KEEPER ON HOIST LINE. FIXED ON INSPECTION					



Partner Report

Report # 20 Date: 10/28/2014 06:00

District MIDLAND BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 23, BLK 52, ULS	API/UWI 4210541761	Latitude (°) 31° 1' 28.417" N	Longitude (°) 100° 58' 40.374" W	Ground Elev... 2,562.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,587.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,194.0	Authorized Depth TVD (ftKB)	API/UWI 4210541761
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Costs

WBS Number XX-108920.01.SLC;XX-108920.01.DRL;XX-108920.01.CMP;XX-108920.01.EQP;XX-108920.01.TIE	Planned Days (days) 16.20	Daily Cost (Cost) \$623,287	Cum To Date (Cost) \$2,723,007	Total WBS+Sup (Cost) \$2,126,000	Job % Complete (%) 100.0
Job Phase DRILLING	Cum Duration (days) 19.17	Field Est this Report (Cost) \$623,287	Cum Phase Costs (Cost) \$2,723,007	Planned Cost (Cost) \$2,126,000	Cost Variance (Cost) (\$597,007)

Daily Operations

Rig HELMERICH & PAYNE, 395					
Drilled Last 24 Hours (ft) 0.00	End Depth (ftKB) 14,136.0	End Depth (TVD) (ftKB) 5,727.4	DFS (days) 15.31	Report Number 20	Report End Date 10/28/2014
Last Casing String PRODUCTION 1, 14,070.0ftKB					
Status at 6 AM DETOX RIG	24 Hour Forecast DETOX RIG , RIG RELEASE, R/D				

Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	07:30	1.50	CIRC	ACTIVE	CIRUCLATE 1-1/2 CASING CAPACITY @ 8 BPM
07:30	13:30	6.00	CMTPRI	ACTIVE	PJSM W/BAKER, H&p DEVON PIC, DEVON SAFETY REP AND CEMENT 5.5" PRODUCTION CASING AS FOLLOWS: TEST LINES T/ 5500 PSI , PUMP 90 BBL SPACER( 30 SEAL BOND, 30 BRINE, 30 SEAL BOND), PUMP 279 BBL 11.8 PPG LEAD( 650 SXS), PUMP 448 BBLs 14.2 PPG TAIL( 1960 SXS), WASH LINES AND DROP PLUG, DISPLACE W/ 326 BBLs 2% KCL @ 3 BPM, FCP 1650 PSI, SLOWED RATE TO 1 BPM 1480 - PSI INCREASE TO 1520 AT 2 BBLs PRIOR TO BUMP AS PLUG NOT ON FLOAT COLLAR AND PSII WAS CLIMBING DID NOT RUN INTO PLUG, SHUT DOWN AND CHECK FLOATS, FLOATS HELD AND BLED BACK 3 BBL FULL RETURNS WITH 136 BBL CEMENT TO SURFACE, RECOVERED ALL OBM TO SURFACE, R/D CEMENT CREW, CEMENT IN PLACE @ 11:35 HRS. R/D BAKER
13:30	17:00	3.50	BOPS	ACTIVE	P/U BOP. SET SLIPS WITH 100K. CUT CSG. N/D BOP
17:00	18:30	1.50	WLHEAD	ACTIVE	N/U TREE AND TEST TO 5000 PSI (OK)
18:30	04:30	10.00	PITS	ACTIVE	CLEAN MUD TANKS OF OBM
04:30	06:00	1.50	RIGD	ACTIVE	START 24 DETOX RIG
NO ACCIDENTS, INCIDENTS OR SPILLS REPORTED SAFETY MAN ON LOCATION LAST 24 HRS = 8 HAULED 0 LOADS OBM CUTTINGS LAST 24 HRS TOTAL HAULED OFF = 28 LOADS  CONTACTED (TRRC) @ 23:00 ON 10/26/2014 FOR CEMENT 5.5" PRODUCTION CASING, SPOKE WITH IJUANA E-MAILED MOVE NOTIFICATION @23:00 ON 10/26/2014 FOR MOVE ON 10/29/2014 FROM UNIVERSITY 52-23 11H TO THE HARRIS RANCH BB2-8 2H					



Partner Report

Report # 21 Date: 10/29/2014 06:00

District MIDLAND BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 23, BLK 52, ULS	API/UWI 4210541761	Latitude (°) 31° 1' 28.417" N	Longitude (°) 100° 58' 40.374" W	Ground Elev... 2,562.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,587.00	Tubing Head Elevation (ft)

<b>Jobs</b>			
Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,194.0	Authorized Depth TVD (ftKB)	API/UWI 4210541761

<b>Costs</b>					
WBS Number XX-108920.01.SLC;XX-108920.01.DRL;XX-108920.01.CMP;XX-108920.01.EQP;XX-108920.01.TIE	Planned Days (days) 16.20	Daily Cost (Cost) \$44,661	Cum To Date (Cost) \$2,767,668	Total WBS+Sup (Cost) \$2,126,000	Job % Complete (%) 100.0

Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	20.17	\$44,661	\$2,767,668	\$2,126,000	(\$641,668)

<b>Daily Operations</b>					
Rig HELMERICH & PAYNE, 395					
Drilled Last 24 Hours (ft) 0.00	End Depth (ftKB) 14,136.0	End Depth (TVD) (ftKB) 5,727.4	DFS (days) 16.31	Report Number 21	Report End Date 10/29/2014

Last Casing String  
PRODUCTION 1, 14,070.0ftKB

Status at 6 AM WAIT ON DAYLIGHTS	24 Hour Forecast RIG DOWN MOVE TO HARRIS RANCH BB2-8 2H
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<b>Time Log</b>					
Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	06:00	24.00	RIGD	ACTIVE	DETOX RIG  NO ACCIDENTS, INCIDENTS OR SPILLS REPORTED SAFETY MAN ON LOCATION LAST 24 HRS = 8 HAULED 0 LOADS OBM CUTTINGS LAST 24 HRS TOTAL HAULED OFF = 28 LOADS  E-MAILED MOVE NOTIFICATION @23:00 ON 10/26/2014 FOR MOVE ON 10/29/2014 FROM UNIVERSITY 52-23 11H TO THE HARRIS RANCH BB2-8 2H  RIG RELEASE 6AM 10-29-14