



Partner Report

Report # 3 Date: 11/23/2014 06:00

District MIDLAND BASIN	County REAGAN	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location SEC 15, BLK 43, UL	API/UWI 4238339225	Latitude (°) 31° 6' 28.154" N	Longitude (°) 101° 17' 33.531" W	Ground Elev... 2,652.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,677.00	Tubing Head Elevation (ft)

Jobs			
Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 15,228.0	Authorized Depth TVD (ftKB)	API/UWI 4238339225

Costs					
WBS Number XX-109042.01.DRL;XX-109042.01.CMP;XX-109042.01.EQP;XX-109042.01.TIE	Planned Days (days) 15.20	Daily Cost (Cost) \$49,087	Cum To Date (Cost) \$407,145	Total WBS+Sup (Cost) \$7,536,880	Job % Complete (%) 13.4
Job Phase DRILLING	Cum Duration (days) 2.04	Field Est this Report (Cost) \$49,087	Cum Phase Costs (Cost) \$407,145	Planned Cost (Cost) \$2,026,000	Cost Variance (Cost) \$1,618,855

Daily Operations					
Rig HELMERICH & PAYNE, 265					
Drilled Last 24 Hours (ft) 0.00	End Depth (ftKB) 1,013.0	End Depth (TVD) (ftKB)	DFS (days) -0.83	Report Number 3	Report End Date 11/23/2014
Last Casing String SURFACE, 1,013.0ftKB					

Status at 6 AM RIGGING UP AND PREAPRE TO NIPPLE UP BOP	24 Hour Forecast FINISH RIGGING UP; NIPPLE UP BOP AND TEST; PICK UP DIRECTIONAL BHA
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Time Log					
Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	18:00	12.00	MOB	ACTIVE	PREPARE RIG FOR SKID; REMOVE MISC LINES AND HOSES, SKID PARTS HOUSE, DRILLERS CABIN, SKID SUBS AND DERRICK; SET IN MCC HOUSE, WATER TANKS, PIPE WRANGLER, BOP SKID, MUD PUMPS, MUD TANKS AND TRIP TANKS; SET VFD HOUSE, MOTOR PACKAGE AND DIESEL TANK
18:00	06:00	12.00	MOB	ACTIVE	RAISE DRILLERS CABIN, GAS BUSTER; HOOK UP ELECTRIC LINES TO MUD PUMPS AND GENERATOR PACKAGE; RIG UP MUD TANKS; DRESS OUT RIG FLOOR
NO ACCIDENTS, NO INJURY, NO SPILLS *****ALL CREWS FULL*****					
100% SKIDDED, 70% RIGGED UP 24 HRS FROM RIG RELEASE.					



Partner Report

Report # 4 Date: 11/24/2014 06:00

District MIDLAND BASIN	County REAGAN	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location SEC 15, BLK 43, UL	API/UWI 4238339225	Latitude (°) 31° 6' 28.154" N	Longitude (°) 101° 17' 33.531" W	Ground Elev... 2,652.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,677.00	Tubing Head Elevation (ft)

Jobs			
Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 15,228.0	Authorized Depth TVD (ftKB)	API/UWI 4238339225

Costs					
WBS Number XX-109042.01.DRL;XX-109042.01.CMP;XX-109042.01.EQP;XX-109042.01.TIE	Planned Days (days) 15.20	Daily Cost (Cost) \$89,869	Cum To Date (Cost) \$497,014	Total WBS+Sup (Cost) \$7,536,880	Job % Complete (%) 23.3
Job Phase DRILLING	Cum Duration (days) 3.04	Field Est this Report (Cost) \$89,869	Cum Phase Costs (Cost) \$497,014	Planned Cost (Cost) \$2,026,000	Cost Variance (Cost) \$1,528,986

Daily Operations					
Rig HELMERICH & PAYNE, 265					
Drilled Last 24 Hours (ft) 0.00	End Depth (ftKB) 1,013.0	End Depth (TVD) (ftKB)	DFS (days) 0.17	Report Number 4	Report End Date 11/24/2014
Last Casing String SURFACE, 1,013.0ftKB					

Status at 6 AM PICKING UP HWDP TO TAG CEMENT	24 Hour Forecast DRILL 8 3/4 VERTICAL SECTION TAKING MWD SURVEYS AND SWEEPING HOLE
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Time Log					
Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	12:00	6.00	MOB	ACTIVE	HOOK MISC LINES AND HOSES; RAISE AND RIG UP GAS BUSTER, INSTALL FLOW LINE AND HOOK UP TRIP TANKS HOSES; SET IN LUBSTER SKID, SET IN SOLIDS CONTROL EQUIPMENT; DRESS OUT SHAKERS
12:00	13:00	1.00	WLHEAD	ACTIVE	INSTALL CASING HEAD AND FILL MUD TANKS
13:00	16:30	3.50	BOPS	ACTIVE	SET SPOOL AND DSA, MOVE BOP IN AND SET DOWN ON TOP OF DSA, HOOK UP CHOKE LINE, HYDRAULIC LINES, FLOW LINE, KILL LINE, AND TURNBUCKLES. FUNCTION TEST BOP
16:30	01:30	9.00	BOPS	ACTIVE	TEST CHOKE VALVES 250 LOW 5,000 HIGH, TEST PIPE RAMS, 250 LOW, 5,000 HIGH, TEST FLOOR VALVES 250 LOW 5,000 HIGH, TEST ANNULAR 250 LOW 3,500 HIGH, TEST BLIND RAMS 250 LOW 5,000 HIGH, TEST BACK TO PUMPS 250 LOW 4,000 HIGH. TESTING FLOOR VALVES 250 LOW, 5,000 HIGH, (ALL TESTS GOOD.) TEST CASING TO 506 PSI (OK)
01:30	02:00	0.50	WLHEAD	ACTIVE	INSTALL WEAR BUSHING
02:00	05:00	3.00	BHA	ACTIVE	PICK UP 7/8 6.4 STAGE 1.5 MOTOR, 8.5 NORTRAK, FLOAT SUB, EM TOOL, NON MAG COLLARS, 8.75 MM65DRM BIT, SCRIBE AND TEST, (TEST GOOD).
05:00	06:00	1.00	DPIPE	ACTIVE	TRIP IN HOLE FROM 118' TO 573', PICKING PIPE UP OFF GULL WINGS, NO ISSUES WHILE PICKING UP PIPE.
					NO ACCIDENTS, NO INJURY, NO SPILLS *****ALL CREWS FULL*****
					100% SKIDDED, 100% RIGGED UP 48 HRS FROM RIG RELEASE.



Partner Report

Report # 5 Date: 11/25/2014 06:00

District MIDLAND BASIN	County REAGAN	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location SEC 15, BLK 43, UL	API/UWI 4238339225	Latitude (°) 31° 6' 28.154" N	Longitude (°) 101° 17' 33.531" W	Ground Elev... 2,652.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,677.00	Tubing Head Elevation (ft)

Jobs			
Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 15,228.0	Authorized Depth TVD (ftKB)	API/UWI 4238339225

Costs					
WBS Number XX-109042.01.DRL;XX-109042.01.CMP;XX-109042.01.EQP;XX-109042.01.TIE	Planned Days (days) 15.20	Daily Cost (Cost) \$85,481	Cum To Date (Cost) \$578,230	Total WBS+Sup (Cost) \$7,536,880	Job % Complete (%) 32.8
Job Phase DRILLING	Cum Duration (days) 4.04	Field Est this Report (Cost) \$85,481	Cum Phase Costs (Cost) \$578,230	Planned Cost (Cost) \$2,026,000	Cost Variance (Cost) \$1,447,770

Daily Operations					
Rig HELMERICH & PAYNE, 265					
Drilled Last 24 Hours (ft) 3,796.00	End Depth (ftKB) 4,809.0	End Depth (TVD) (ftKB)	DFS (days) 0.83	Report Number 5	Report End Date 11/25/2014

Last Casing String SURFACE, 1,013.0ftKB	
Status at 6 AM DRILLING 8 3/4 VERTICAL SECTION	24 Hour Forecast FINISH DRILLING 8 3/4 VERTICAL SECTION TAKING MWD SURVEYS AND SWEEPING HOLE PERFORM CLEAN UP CYCLE AND TRIP OUT FOR CURVE BHA

Time Log					
Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	06:30	0.50	BHA	ACTIVE	STRAP DRILL PIPE AND INSTALL CATCH CAN
06:30	07:30	1.00	TRIP	ACTIVE	PICK UP HWDP; TRIP IN HOLE FROM 573' TO 969'
07:30	08:30	1.00	CIRC	ACTIVE	INSTALL ROTATING HEAD ASSEMBLY AND CENTER BOP
08:30	10:00	1.50	RMWASH	ACTIVE	DRILL CEMENT AND FLOAT EQUIPMENT FROM 938' TO 1013'; GPM 400, 10 RPM, 5-10 BIT WT
10:00	17:30	7.50	DRLG	ACTIVE	DRILL 8.75 VERTICAL HOLE FROM 1,013' TO 2352' WITH 600 GPM, 2,800 SPP, 350-400 DIFF, 174 MRPM, 80 TDRPM, 25-30K WOB, PUMPING SWEEPS AND TAKING MWD SURVEYS.
17:30	18:00	0.50	RIGSVC	ACTIVE	SERVICE RIG
18:00	06:00	12.00	DRLG	ACTIVE	DRILL 8.75 VERTICAL HOLE FROM 2352' TO 4809' WITH 600 GPM, 2,800 SPP, 350-400 DIFF, 174 MRPM, 80 TDRPM, 25-30K WOB, PUMPING SWEEPS AND TAKING MWD SURVEYS.
FOOTAGE- 3796' ROTATE- 3424' (90.20%) ROTATING SLIDE 372' (9.8%) SLIDING HRS- 19.5 AVG ROP- 263.38' FPH LAST SURVEY : PLAN #3 MD - 4450' INC - 8.82° AZM - 91.87° TVD - 4407.44' ABOVE /BELOW - 3.1' ABOVE LEFT /RIGHT - -7.7 LEFT' RIGHT NO ACCIDENTS, NO INJURY, NO SPILLS *****ALL CREWS FULL*****					



Partner Report

Report # 6 Date: 11/26/2014 06:00

District MIDLAND BASIN	County REAGAN	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location SEC 15, BLK 43, UL	API/UWI 4238339225	Latitude (°) 31° 6' 28.154" N	Longitude (°) 101° 17' 33.531" W	Ground Elev... 2,652.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,677.00	Tubing Head Elevation (ft)

Jobs			
Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 15,228.0	Authorized Depth TVD (ftKB)	API/UWI 4238339225

Costs					
WBS Number XX-109042.01.DRL;XX-109042.01.CMP;XX-109042.01.EQP;XX-109042.01.TIE	Planned Days (days) 15.20	Daily Cost (Cost) \$94,985	Cum To Date (Cost) \$671,158	Total WBS+Sup (Cost) \$7,536,880	Job % Complete (%) 39.8
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	5.04	\$94,985	\$671,158	\$2,026,000	\$1,354,842

Daily Operations					
Rig HELMERICH & PAYNE, 265					
Drilled Last 24 Hours (ft) 1,339.00	End Depth (ftKB) 6,148.0	End Depth (TVD) (ftKB)	DFS (days) 1.83	Report Number 6	Report End Date 11/26/2014

Last Casing String SURFACE, 1,013.0ftKB	
Status at 6 AM MAKING UP 8 3/4 CURVE ASSEMBLY	24 Hour Forecast TRIP IN WITH 8 3/4 CURVE ASSEMBLY AND BUILD CURVE

Time Log					
Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	17:30	11.50	DRLG	ACTIVE	DRILL 8.75 VERTICAL TANGENT HOLE FROM 4809' TO 5754' WITH 600 GPM, 2,800 SPP, 350-400 DIFF, 174 MRPM, 80 TDRPM, 25-30K WOB, PUMPING SWEEPS AND TAKING MWD SURVEYS.
17:30	18:00	0.50	RIGSVC	ACTIVE	RIG SERVICE
18:00	23:30	5.50	DRLG	ACTIVE	DRILL 8.75 VERTICAL TANGENT HOLE FROM 5754' TO 6148' WITH 600 GPM, 2,800 SPP, 350-400 DIFF, 174 MRPM, 80 TDRPM, 25-30K WOB, PUMPING SWEEPS AND TAKING MWD SURVEYS.
23:30	01:00	1.50	CIRC	ACTIVE	CIRCULATE 2 BOTTOMS UP WITH HIGH VIS. SWEEPS HOLE CLEAN. PUMP SLUG.
01:00	02:30	1.50	TRIP	ACTIVE	SLM/TRIP OUT HOLE WITH DRILL PIPE F/ 6148 TO 1,030' TOP HWDP. NO CORRECTION.
02:30	04:30	2.00	DPIPE	ACTIVE	LAY DOWN 30 JTS. 5" HWDP. F/ 1,030' T/ 118' TOP VERTICAL BHA.
04:30	05:30	1.00	BHA	ACTIVE	LAY DOWN VERTICAL BHA.
05:30	06:00	0.50	BHA	ACTIVE	PICK UP CURVE AND LATERAL BHA. 7/8 6.4 STAGE 1.83 MOTOR, 8.25 NORTRAK, EM TOOL
					FOOTAGE- 1339' ROTATE- 923' (70.66%) ROTATING SLIDE 416' (29.34%) SLIDING HRS- 19.5 AVG ROP- 263.38' FPH LAST SURVEY : PLAN #3 MD - 6057' INC - 7.54° AZM - 92.85° TVD - 5994.49' ABOVE /BELOW - -14.9' BELOW LEFT /RIGHT - -5.1' LEFT
					NO ACCIDENTS, NO INJURY, NO SPILLS *****ALL CREWS FULL*****



Partner Report

Report # 7 Date: 11/27/2014 06:00

District MIDLAND BASIN	County REAGAN	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location SEC 15, BLK 43, UL	API/UWI 4238339225	Latitude (°) 31° 6' 28.154" N	Longitude (°) 101° 17' 33.531" W	Ground Elev... 2,652.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,677.00	Tubing Head Elevation (ft)

Jobs			
Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 15,228.0	Authorized Depth TVD (ftKB)	API/UWI 4238339225

Costs					
WBS Number XX-109042.01.DRL;XX-109042.01.CMP;XX-109042.01.EQP;XX-109042.01.TIE	Planned Days (days) 15.20	Daily Cost (Cost) \$113,212	Cum To Date (Cost) \$784,369	Total WBS+Sup (Cost) \$7,536,880	Job % Complete (%) 45.9
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	6.04	\$113,212	\$784,369	\$2,026,000	\$1,241,631

Daily Operations					
Rig HELMERICH & PAYNE, 265					
Drilled Last 24 Hours (ft) 954.00	End Depth (ftKB) 7,102.0	End Depth (TVD) (ftKB)	DFS (days) 2.83	Report Number 7	Report End Date 11/27/2014
Last Casing String SURFACE, 1,013.0ftKB					

Status at 6 AM BUILDING 8.75 PRODUCTION CURVE AT 7,102'	24 Hour Forecast CONTINUE BUILDING 8.75 PRODUCTION CURVE, ROTATE AND SLIDE 8.75 PRODUCTION LATERAL PUMPING SWEEPS AND TAKING SURVEYS.
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Time Log					
Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	06:30	0.50	BHA	ACTIVE	BREAK CIRCULATION AND PRESSURE TEST MOTOR AT 600 GPM = 950 PSI.
06:30	08:30	2.00	BHA	ACTIVE	MAKE UP 8.75 MMD55DC BIT, INSTALL BATTERIES, SCRIBE AND TEST, TEST GOOD.
08:30	09:00	0.50	SAFETY	ACTIVE	CLEAN RIG FLOOR.
09:00	10:30	1.50	TRIP	ACTIVE	TRIP IN HOLE FROM 118' TO 1,966', NO ISSUES WHILE TRIPPING IN THE HOLE, HOLE TAKING PROPER DISPLACEMENT WHILE TRIPPING IN THE HOLE. BREAK CIRCULATION AT 1,160', WITH 600 GPM, PSI = 1,450, BREAK CIRCULATION AT 1,917' WITH 600 GPM, PSI = 1,600, BREAK CIRCULATION AT 1,966' WITH 600 GPM, PSI = 2,150
10:30	11:00	0.50	RIGSVC	ACTIVE	LUBRICATE RIG
11:00	12:00	1.00	DPIPE	ACTIVE	PICK UP DRILL PIPE OFF OF RACK FROM 1,966' TO 2,785', NO ISSUES WHILE PICKING UP PIPE OFF OF RACKS.
12:00	14:00	2.00	TRIP	ACTIVE	TRIP IN HOLE OUT OF DERRICK FROM 2,785' TO 6,148', HOLE TAKING PROPER DISPLACEMENT WHILE TRIPPING IN HOLE, BREAK CIRCULATION AT 4,249' WITH 600 GPM, PSI = 2,400, BREAK CIRCULATION AT 6,096' WITH 600 GPM, PSI = 2,600.
14:00	14:30	0.50	DRLG	ACTIVE	DRILL 8.75 VERTICAL HOLE FROM 6,148' TO 6,198' WITH 600 GPM, 2,800 SPP, 350-400 DIFF, 168 MRPM, 80 TDRPM, 25-30K WOB, PUMPING SWEEPS AND TAKING MWD SURVEYS.
14:30	06:00	15.50	DRLG	ACTIVE	BUILD 8.75 PRODUCTION CURVE FROM 6,198' TO 7,102' WITH 600 GPM, 3,025 SPP, 350-500 DIFF, 168 MRPM, 10 TDRPM, 25-30K WOB, PUMPING SWEEPS AND TAKING MWD SURVEYS.
FOOTAGE- 954' ROTATE- 131' (14%) ROTATING SLIDE- 823' (86%) SLIDING HRS- 16 AVG ROP- 59.6' FPH LAST SURVEY : PLAN #3 MD - 6,936' INC - 80.61° AZM - 2.42° TVD - 6666.74' PTB - 7,007 INC - 80.61 AZM - 2.00 DLNL - 4.80 MY - 14.60 ABOVE /BELOW - -10.3' HIGH LEFT /RIGHT - - 8.9' RIGHT NO ACCIDENTS, NO INJURY, NO SPILLS ***** ALL CREWS FULL *****					



Partner Report

Report # 8 Date: 11/28/2014 06:00

District MIDLAND BASIN	County REAGAN	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location SEC 15, BLK 43, UL	API/UWI 4238339225	Latitude (°) 31° 6' 28.154" N	Longitude (°) 101° 17' 33.531" W	Ground Elev... 2,652.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,677.00	Tubing Head Elevation (ft)

Jobs			
Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 15,228.0	Authorized Depth TVD (ftKB)	API/UWI 4238339225

Costs					
WBS Number XX-109042.01.DRL;XX-109042.01.CMP;XX-109042.01.EQP;XX-109042.01.TIE	Planned Days (days) 15.20	Daily Cost (Cost) \$75,287	Cum To Date (Cost) \$859,656	Total WBS+Sup (Cost) \$7,536,880	Job % Complete (%) 55.6
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	7.04	\$75,287	\$859,656	\$2,026,000	\$1,166,344

Daily Operations					
Rig HELMERICH & PAYNE, 265					
Drilled Last 24 Hours (ft) 2,978.00	End Depth (ftKB) 10,080.0	End Depth (TVD) (ftKB)	DFS (days) 3.83	Report Number 8	Report End Date 11/28/2014
Last Casing String SURFACE, 1,013.0ftKB					

Status at 6 AM WORKING ON MUD PUMPS	24 Hour Forecast ROTATE AND SLIDE 8.75 PRODUCTION LATERAL PUMPING SWEEPS AND TAKING SURVEYS.
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Time Log					
Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	06:30	0.50	DRLG	ACTIVE	BUILD 8.75 PRODUCTION CURVE FROM 7,102' TO 7,144' WITH 600 GPM, 3,025 SPP, 350-500 DIFF, 168 MRPM, 10 TDRPM, 25-30K WOB, PUMPING SWEEPS AND TAKING MWD SURVEYS.
06:30	16:30	10.00	DRLG	ACTIVE	ROTATE AND SLIDE 8.75 PRODUCTION LATERAL FROM 7,144' TO 8,742' WITH 600 GPM, 3,025 SPP, 450-700 DIFF, 168 MRPM, 80 TDRPM, 25-30K WOB, PUMPING SWEEPS AND TAKING MWD SURVEYS.
16:30	17:00	0.50	RIGSVC	ACTIVE	LUBRICATE RIG.
17:00	23:30	6.50	DRLG	ACTIVE	ROTATE AND SLIDE 8.75 PRODUCTION LATERAL FROM 8,742' TO 9,687' WITH 600 GPM, 3,480 SPP, 450-700 DIFF, 168 MRPM, 80 TDRPM, 25-30K WOB, PUMPING SWEEPS AND TAKING MWD SURVEYS.
23:30	00:00	0.50	RIGSVC	ACTIVE	CHANGE OUT VALVE ON #2 PUMP, #3 MANIFOLD WHILE CIRCULATING WITH #1 PUMP AT 420 GPM.
00:00	02:00	2.00	DRLG	ACTIVE	ROTATE AND SLIDE 8.75 PRODUCTION LATERAL FROM 9,687' TO 10,042' WITH 600 GPM, 3,480 SPP, 450-700 DIFF, 168 MRPM, 80 TDRPM, 25-30K WOB, PUMPING SWEEPS AND TAKING MWD SURVEYS.
02:00	03:00	1.00	CIRC	ACTIVE	FIX LEAK ON PULSATION DAMPENER ON #1 PUMP WHILE CIRCULATING WITH #2 PUMP AT 420 GPM.
03:00	04:30	1.50	DRLG	ACTIVE	ROTATE AND SLIDE 8.75 PRODUCTION LATERAL FROM 10,042' TO 10,080' WITH 600 GPM, 3,480 SPP, 450-700 DIFF, 168 MRPM, 80 TDRPM, 25-30K WOB, PUMPING SWEEPS AND TAKING MWD SURVEYS.
04:30	06:00	1.50	CIRC	ACTIVE	TIGHTEN UP PULSATION DAMPENER ON #1 PUMP, WHILE CIRCULATING WITH #2 PUMP AT 420 GPM.
FOOTAGE- 2,978' ROTATE- 2,788' (94%) ROTATING SLIDE- 190' (6%) SLIDING HRS- 20.5 AVG ROP- 145.3' FPH LAST SURVEY : PLAN #3 MD - 10,065' INC - 90.22° AZM - 359.78° TVD - 6,714.37' ABOVE /BELOW - -3.3' LOW LEFT /RIGHT - - 3.5' LEFT NO ACCIDENTS, NO INJURY, NO SPILLS *****ALL CREWS FULL*****					



Partner Report

Report # 9 Date: 11/29/2014 06:00

District MIDLAND BASIN	County REAGAN	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location SEC 15, BLK 43, UL	API/UWI 4238339225	Latitude (°) 31° 6' 28.154" N	Longitude (°) 101° 17' 33.531" W	Ground Elev... 2,652.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,677.00	Tubing Head Elevation (ft)

Jobs			
Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 15,228.0	Authorized Depth TVD (ftKB)	API/UWI 4238339225

Costs					
WBS Number XX-109042.01.DRL;XX-109042.01.CMP;XX-109042.01.EQP;XX-109042.01.TIE	Planned Days (days) 15.20	Daily Cost (Cost) \$106,243	Cum To Date (Cost) \$981,304	Total WBS+Sup (Cost) \$7,536,880	Job % Complete (%) 59.1
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	8.04	\$106,243	\$981,304	\$2,026,000	\$1,044,696

Daily Operations					
Rig HELMERICH & PAYNE, 265					
Drilled Last 24 Hours (ft) 112.00	End Depth (ftKB) 10,192.0	End Depth (TVD) (ftKB)	DFS (days) 4.83	Report Number 9	Report End Date 11/29/2014
Last Casing String SURFACE, 1,013.0ftKB					

Status at 6 AM CIRCULATING	24 Hour Forecast ROTATE AND SLIDE 8.75 PRODUCTION LATERAL PUMPING SWEEPS AND TAKING SURVEYS.
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Time Log					
Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	08:00	2.00	CIRC	ACTIVE	TIGHTEN UP PULSATION DAMPENER ON #1 PUMP, WHILE CIRCULATING WITH #2 PUMP AT 420 GPM.
08:00	09:00	1.00	DRLG	ACTIVE	ROTATE AND SLIDE 8.75 PRODUCTION LATERAL FROM 10,080' TO 10,157' WITH 600 GPM, 3,480 SPP, 450-700 DIFF, 168 MRPM, 80 TDRPM, 25-30K WOB, PUMPING SWEEPS AND TAKING MWD SURVEYS. ATTEMPT TO BACKREAM STAND, PRESSURE SPIKING AND STALLING MOTOR
09:00	10:00	1.00	CIRC	ACTIVE	CIRCULATE SWEEP AND ATTEMPT TO BACK REAM STAND; CIRCULATE WITH 600 GPM
10:00	17:00	7.00	TRIP	ACTIVE	TRIP OUT OF HOLE FOR MUD MOTOR FROM 10,157' TO DIRECTIONAL BHA; HOLE TAKING PROPER FILL,
17:00	20:00	3.00	BHA	ACTIVE	HOLD SAFETY MEETING WITH LEAM, DEVON, AND H&P, LAY DOWN 7/8 6.4 STAGE 1.83 MOTOR, 8.25 NORTRAK, EM TOOL, MMD55DC BIT, PICK UP NEW 7/8 6.4 STAGE 1.5 MOTOR, EM TOOL, MM65DRM BIT, 8.5 NORTRAK, SCRIBE AND TEST, TEST GOOD.
20:00	22:30	2.50	TRIP	ACTIVE	TRIP IN HOLE FROM 119' TO 4,215', FILLING PIPE EVERY 2,500', HOLE TAKING PROPER DISPLACEMENT WHILE TRIPPING IN THE HOLE, NO ISSUES WHILE TRIPPING IN THE HOLE.
22:30	00:00	1.50	TRIP	ACTIVE	ATTEMPT TO FILL PIPE AT 4,215', REALIZED SCREEN HAD BEEN LEFT IN PIPE FROM PREVIOUS FILL UP. TRIP OUT OF HOLE FROM 4,215' TO 2,075', RETRIEVE SCREEN AT 2,075' AND TRIP BACK IN HOLE FROM 2,075' TO 4,215'.
00:00	03:00	3.00	TRIP	ACTIVE	CONTINUE TRIPPING IN HOLE FROM 4,215' TO 10,064', FILLING PIPE EVERY 2,500', HOLE TAKING PROPER DISPLACEMENT WHILE TRIPPING IN THE HOLE, NO ISSUES WHILE TRIPPING IN THE HOLE.
03:00	03:30	0.50	RMWASH	ACTIVE	REAM AND WASH TO BOTTOM FOR SAFETY FROM 10,064' TO 10,157' WITH 600 GPM, 60 TDRPM, 168 MRPM, 2K WOB
03:30	04:30	1.00	CIRC	ACTIVE	AT 10,157' HOLE PACKING OFF WITH 600 GPM, BACK PUMP OFF TO 350 GPM NO PACKING OFF ISSUES, RECIPROCATATE PIPE WITH 50 ROTARY AND 450 GPM IN ORDER TO CLEAN HOLE UP. RAISE PUMP RATE TO 600 GPM NO PACKING OFF ISSUES.
04:30	05:00	0.50	DRLG	ACTIVE	ROTATE AND SLIDE 8.75 PRODUCTION LATERAL FROM 10,157' TO 10,192' WITH 600 GPM, 3,480 SPP, 450-700 DIFF, 168 MRPM, 80 TDRPM, 25-30K WOB, PUMPING SWEEPS AND TAKING MWD SURVEYS.



Partner Report

Report # 9 Date: 11/29/2014 06:00

District MIDLAND BASIN	County REAGAN	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location SEC 15, BLK 43, UL	API/UWI 4238339225	Latitude (°) 31° 6' 28.154" N	Longitude (°) 101° 17' 33.531" W	Ground Elev... 2,652.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,677.00	Tubing Head Elevation (ft)

Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
05:00	06:00	1.00	CIRC	ACTIVE	<p>AT 10,192' HOLE PACKING OFF WITH 600 GPM, BACK PUMP OFF TO 350 GPM NO PACKING OFF ISSUES, RECIPROCATATE PIPE WITH 40 ROTARY AND 400 GPM IN ORDER TO CLEAN HOLE UP.</p> <p>FOOTAGE- 112' ROTATE- 112' (100%) ROTATING SLIDE- 0' (0%) SLIDING HRS- 1.5 AVG ROP- 74.7' FPH LAST SURVEY : PLAN #3 MD - 10,090' INC - 90.62° AZM - 358.64° TVD - 6,713.64' ABOVE /BELOW - -2.2' LOW LEFT /RIGHT - - 4.8' LEFT</p> <p>NO ACCIDENTS, NO INJURY, NO SPILLS *****ALL CREWS FULL*****</p>



Partner Report

Report # 10 Date: 11/30/2014 06:00

District MIDLAND BASIN	County REAGAN	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location SEC 15, BLK 43, UL	API/UWI 4238339225	Latitude (°) 31° 6' 28.154" N	Longitude (°) 101° 17' 33.531" W	Ground Elev... 2,652.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,677.00	Tubing Head Elevation (ft)

Jobs			
Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 15,228.0	Authorized Depth TVD (ftKB)	API/UWI 4238339225

Costs					
WBS Number XX-109042.01.DRL;XX-109042.01.CMP;XX-109042.01.EQP;XX-109042.01.TIE	Planned Days (days) 15.20	Daily Cost (Cost) \$71,273	Cum To Date (Cost) \$1,052,577	Total WBS+Sup (Cost) \$7,536,880	Job % Complete (%) 61.9
Job Phase DRILLING	Cum Duration (days) 9.04	Field Est this Report (Cost) \$71,273	Cum Phase Costs (Cost) \$1,052,577	Planned Cost (Cost) \$2,026,000	Cost Variance (Cost) \$973,423

Daily Operations					
Rig HELMERICH & PAYNE, 265					
Drilled Last 24 Hours (ft) 0.00	End Depth (ftKB) 10,192.0	End Depth (TVD) (ftKB)	DFS (days) 5.83	Report Number 10	Report End Date 11/30/2014
Last Casing String SURFACE, 1,013.0ftKB					

Status at 6 AM BREAKING OUT DOUBLE	24 Hour Forecast RIG UP WIRELINE TRUCK, BACK OFF STRING, TRIP OUT OF HOLE, PICK UP JARS, TRIP IN HOLE AND SCREW INTO FISH, ATTEMPT TO FREE FISH
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Time Log					
Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	08:00	2.00	CIRC	ACTIVE	ATTEMPT TO CIRCULATE @ 10195; COULD NOT CIRCULATE AT 400 GPM WITHOUT PACKING OFF
08:00	10:30	2.50	CIRC	ACTIVE	BACK REAM FROM 10195' TO 10069' AT 350 GPM, 100 RPM; HOLE PACKING OFF ABOVE 350 GPM OR PULLING 10K OVER STRING WEIGHT
10:30	12:00	1.50	CIRC	ACTIVE	BACK REAM FROM 10069' TO 9689' AT 300 GPM DUE TO HOLE PACKING OFF OVER 300 GPM
12:00	13:00	1.00	CIRC	ACTIVE	ATTEMPT TO CIRCULATE AND STAGE PUMPS UP TO 400 GPM WHILE WEIGHTING UP FROM 8.9 TO 9.1; PUMPING 287 GPM AND 100 RPM DUE TO HOLE PACKING OFF OVER 287 GPM
13:00	18:00	5.00	CIRC	ACTIVE	BACK REAM FROM 9689' TO 9332' AT 100 RPM, 80 GPM, 450 PSI; HOLE PACKING OFF OVER 80 GPM; WORKING PIPE AT 2' PER MIN
18:00	22:30	4.50	CIRC	ACTIVE	BACK REAMING AT 9,332' HOLE STARTED PACKING OFF, PIPE TORQUE UP, NOT ABLE TO CIRCULATE, PIPE BECAME STUCK, WORK PIPE PULLING 150K OVER STRING WEIGHT AND SLACK OFF TO 120K BELOW STRING WEIGHT, TURN ROTARY ON AND PIPE TORQUE UP AND STALL TOP DRIVE OUT. IN ATTEMPT TO FREE PIPE TURN PUMP ON AT 76 GPM AND PRESSURE CLIMB TO 1,200 PSI, KICK PUMP OUT PSI STILL HOLDING WHILE WORKING PIPE ATTEMPTING TO KNOCK FREE. CONTINUE WORKING PIPE ADDING TORQUE, RELEASING TORQUE, IN ATTEMPT TO FREE PIPE. NO SUCCESS.
22:30	23:00	0.50	DPIPE	ACTIVE	ATTEMPT TO BACK OFF STRING AT SAFETY JOINT. BACK STRING OFF AND PICK UP OFF STRING AND HAD 105K STRING WEIGHT. PIPE BACKED OFF AT 3,100', SCREW BACK INTO STRING AND TORQUE STRING UP.
23:00	04:30	5.50	CIRC	ACTIVE	CONTINUE WORKING STUCK PIPE WHILE WAITING ON WIRE LINE TRUCK TO ARRIVE, PULLING 150K OVER STRING WEIGHT, AND SLACKING OFF 120K BELOW STRING WEIGHT. NO SUCCESS
04:30	06:00	1.50	DPIPE	ACTIVE	HOLD SAFETY MEETING WITH DEVON AND H&P, PICK TONGS UP WITH AIR HOIST AND BREAK OFF DOUBLE IN ORDER TO RIG UP WIRE LINE TRUCK.



Partner Report

Report # 11 Date: 12/1/2014 06:00

District MIDLAND BASIN	County REAGAN	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location SEC 15, BLK 43, UL	API/UWI 4238339225	Latitude (°) 31° 6' 28.154" N	Longitude (°) 101° 17' 33.531" W	Ground Elev... 2,652.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,677.00	Tubing Head Elevation (ft)

Jobs			
Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 15,228.0	Authorized Depth TVD (ftKB)	API/UWI 4238339225

Costs					
WBS Number XX-109042.01.DRL;XX-109042.01.CMP;XX-109042.01.EQP;XX-109042.01.TIE	Planned Days (days) 15.20	Daily Cost (Cost) \$134,312	Cum To Date (Cost) \$1,186,889	Total WBS+Sup (Cost) \$7,536,880	Job % Complete (%) 64.3
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	10.04	\$134,312	\$1,186,889	\$2,026,000	\$839,111

Daily Operations					
Rig HELMERICH & PAYNE, 265					
Drilled Last 24 Hours (ft) 0.00	End Depth (ftKB) 10,192.0	End Depth (TVD) (ftKB)	DFS (days) 6.83	Report Number 11	Report End Date 12/1/2014
Last Casing String SURFACE, 1,013.0ftKB					

Status at 6 AM JARRING ON FISH	24 Hour Forecast CONTINUE JARRING ON FISH.
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Time Log					
Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	10:00	4.00	FISH	ACTIVE	AT 9392', BREAK OUT OF DOUBLE, SCREW TOP DRIVE INTO SINGLE ABOVE RIG FLOOR; BREAK LOOSE GOOSE NECK ON TOP DRIVE; INSTALL PACK OFF FOR WIRE LINE TRUCK; HELD SAFETY MEETING AND RIG UP WIRE LINE TRUCK AND SIEVES
10:00	11:00	1.00	FISH	ACTIVE	RUN IN HOLE WITH FREE POINT; CHECK FREE POINT FROM 6182' TO 6747' (55° IN CURVE) PIPE FREE TO 6747'; PULL FREE POINT OUT OF PIPE
11:00	12:00	1.00	FISH	ACTIVE	PICK UP BACK OFF CHARGE AND RUN IN HOLE TO 6182' (5° IN HOLE - KOP); BACK OFF STUCK PIPE;
12:00	12:30	0.50	FISH	ACTIVE	RIG DOWN DIALOG WIRE LINE TRUCK
12:30	13:30	1.00	CIRC	ACTIVE	BREAK CIRCULATION WITH 575 GPM; PUMP SWEEP AND CIRCULATE HOLE CLEAN; NO ISSUES DURING CIRCULATION
13:30	16:00	2.50	TRIP	ACTIVE	TRIP OUT OF HOLE FROM 6182' TO SURFACE; NO ISSUES DURING TRIP
16:00	17:00	1.00	FISH	ACTIVE	HELD SAFETY MEETING; LAY OUT AND STRAP FISHING BHA; CLEAN RIG FLOOR AND PREAPRE TO MAKE UP FISHING TOOLS
17:00	20:00	3.00	FISH	ACTIVE	PICK UP FISHING BHA AND DRILL COLLARS
20:00	20:30	0.50	TRIP	ACTIVE	TRIP IN HOLE FROM 348' TO 1009'; NO ISSUES DURING TRIP
20:30	22:30	2.00	RIGSVC	ACTIVE	SLIP AND CUT DRILL LINE
22:30	01:00	2.50	TRIP	ACTIVE	TRIP IN HOLE WITH FISHING TOOLS FROM 1,009' TO 6,116'; NO ISSUES WHILE TRIPPING IN THE HOLE.
01:00	01:30	0.50	SAFETY	ACTIVE	PEFROM H&P SAFETY CHECK LIST ON JARRING.
01:30	02:00	0.50	CIRC	ACTIVE	WASH DOWN FROM 6,116' TO 6,182' (TOP OF FISH), CIRCULATE AND CLEAN TOP OF FISH BEFORE ATTEMPTING TO SCREW IN TO FISH
02:00	03:30	1.50	FISH	ACTIVE	SCREW IN TO FISH AND JAR DOWN ON FISH WITH 75K BELOW STRING WEIGHT. ATTEMPT TO PUMP ON FISH EVERY 30 MINUTES, NO SUCCESS BREAKING CIRCULATION OR MOVING FISH.
03:30	06:00	2.50	FISH	ACTIVE	JAR UP ON FISH PULLING 80K OVER STRING WEIGHT, TURN PUMPS ON AND BREAK CIRCULATION, CIRCULATE AT 175 GPM WHILE JARRING ON FISH. HAZARD HUNT; FRAC TANK NOT GROUNDED, SAFETY KEEPER MISSING IN SHACKLE ON TONGS, WATER HOSE LAYING IN WALKWAY, (ALL HAZARDS FIXED) NO ACCIDENTS, NO INJURY, NO SPILLS *****ALL CREWS FULL*****



Partner Report

Report # 12 Date: 12/2/2014 06:00

District MIDLAND BASIN	County REAGAN	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location SEC 15, BLK 43, UL	API/UWI 4238339225	Latitude (°) 31° 6' 28.154" N	Longitude (°) 101° 17' 33.531" W	Ground Elev... 2,652.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,677.00	Tubing Head Elevation (ft)

Jobs			
Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 15,228.0	Authorized Depth TVD (ftKB)	API/UWI 4238339225

Costs					
WBS Number XX-109042.01.DRL;XX-109042.01.CMP;XX-109042.01.EQP;XX-109042.01.TIE	Planned Days (days) 15.20	Daily Cost (Cost) \$74,897	Cum To Date (Cost) \$1,261,786	Total WBS+Sup (Cost) \$7,536,880	Job % Complete (%) 66.5
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	11.04	\$74,897	\$1,261,786	\$2,026,000	\$764,214

Daily Operations					
Rig HELMERICH & PAYNE, 265					
Drilled Last 24 Hours (ft) 0.00	End Depth (ftKB) 10,192.0	End Depth (TVD) (ftKB)	DFS (days) 7.83	Report Number 12	Report End Date 12/2/2014

Last Casing String SURFACE, 1,013.0ftKB	
Status at 6 AM LAYING DOWN DIRECTIONAL TOOLS.	24 Hour Forecast TRIP IN HOLE WITH ROLLER CONE BIT IN ORDER TO CLEAN UP HOLE, PUMP SWEEPS AND CIRCULATE HOLE CLEAN.

Time Log					
Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	07:00	1.00	FISH	ACTIVE	CIRCULATE WHILE WORKING STUCK PIPE AT 415 GPM, HOLE PACKING OFF, KEEP PIPE MOVING FROM 200K STRING WEIGHT TO 250K STRING WEIGHT IN ORDER TO GET THE BEST CIRCULATION.
07:00	08:00	1.00	FISH	ACTIVE	JAR ON STUCK PIPE, PULLING 150K OVER STRING WEIGHT SETTING JARS OFF, AND SLACKING OFF TO 120K BELOW STRING WEIGHT TO JAR DOWN. (NO MOVEMENT IN PIPE.)
08:00	09:00	1.00	FISH	ACTIVE	CIRCULATE WHILE WORKING STUCK PIPE AT 250 GPM, HOLE PACKING OFF, KEEP PIPE MOVING FROM 220K STRING WEIGHT TO 260K STRING WEIGHT IN ORDER TO GET THE BEST CIRCULATION.
09:00	10:00	1.00	FISH	ACTIVE	JAR ON STUCK PIPE, PULLING 150K OVER STRING WEIGHT SETTING JARS OFF, AND SLACKING OFF TO 120K BELOW STRING WEIGHT TO JAR DOWN. (NO MOVEMENT IN PIPE.)
10:00	11:00	1.00	FISH	ACTIVE	CIRCULATE WHILE WORKING STUCK PIPE AT 250 GPM, HOLE PACKING OFF, KEEP PIPE MOVING FROM 210K STRING WEIGHT TO 270K STRING WEIGHT IN ORDER TO GET THE BEST CIRCULATION.
11:00	15:30	4.50	FISH	ACTIVE	JAR ON STUCK PIPE, PULLING 150K OVER STRING WEIGHT SETTING JARS OFF, AND SLACKING OFF TO 120K BELOW STRING WEIGHT TO JAR DOWN. (NO MOVEMENT IN PIPE.)
15:30	16:00	0.50	FISH	ACTIVE	SPOT 80 BBL DIESEL PILL WITH 290 GPM COVERING 1,600' OF HOLE FROM 9,332' TO 7,732'.
16:00	17:30	1.50	FISH	ACTIVE	JAR ON STUCK PIPE, PULLING 150K OVER STRING WEIGHT SETTING JARS OFF, AND SLACKING OFF TO 120K BELOW STRING WEIGHT TO JAR DOWN. (PIPE BECAME FREE)
17:30	20:30	3.00	FISH	ACTIVE	TRIP OUT OF HOLE WITH FISH FROM 9,332' TO 6,013', WORKING THROUGH TIGHT SPOTS PULLING 80K OVER STRING WEIGHT TO GET THROUGH TIGHT SPOTS.
20:30	21:30	1.00	FISH	ACTIVE	CIRCULATE SWEEP AROUND AT 6,013' IN ORDER TO CLEAN UP HOLE BEFORE TRIPPING OUT TO LAY DOWN FISH.
21:30	23:00	1.50	FISH	ACTIVE	CONTINUE TRIPPING OUT OF HOLE FROM 6,013' TO 3,441' IN ORDER TO LAY DOWN FISHING TOOLS. NO ISSUES WHILE TRIPPING OUT OF HOLE, HOLE TAKING PROPER FILL WHILE TRIPPING OUT OF HOLE.
23:00	02:00	3.00	FISH	ACTIVE	LAY DOWN FISHING TOOLS, DRILL COLLARS, DRILLING JARS, SCREW IN SUB AND SHOT JOINT.
02:00	04:00	2.00	FISH	ACTIVE	CONTINUE TRIPPING OUT OF HOLE FROM 3,056' TO 118' IN ORDER TO LAY DIRECTIONAL TOOLS DOWN. NO ISSUES WHILE TRIPPING OUT OF HOLE, HOLE TAKING PROPER FILL WHILE TRIPPING OUT OF HOLE.
04:00	06:00	2.00	FISH	ACTIVE	LAY DOWN 7/8 6.4 STAGE MOTOR, MM65DRM BIT, 8.5 NORTAK, EM TOOL AND NON MAG COLLARS.
NO ACCIDENTS, NO INJURY, NO SPILLS *****ALL CREWS FULL*****					



Partner Report

Report # 13 Date: 12/3/2014 06:00

District MIDLAND BASIN	County REAGAN	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location SEC 15, BLK 43, UL	API/UWI 4238339225	Latitude (°) 31° 6' 28.154" N	Longitude (°) 101° 17' 33.531" W	Ground Elev... 2,652.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,677.00	Tubing Head Elevation (ft)

Jobs			
Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 15,228.0	Authorized Depth TVD (ftKB)	API/UWI 4238339225

Costs					
WBS Number XX-109042.01.DRL;XX-109042.01.CMP;XX-109042.01.EQP;XX-109042.01.TIE	Planned Days (days) 15.20	Daily Cost (Cost) \$118,404	Cum To Date (Cost) \$1,380,190	Total WBS+Sup (Cost) \$7,536,880	Job % Complete (%) 68.4
Job Phase DRILLING	Cum Duration (days) 12.04	Field Est this Report (Cost) \$118,404	Cum Phase Costs (Cost) \$1,380,190	Planned Cost (Cost) \$2,026,000	Cost Variance (Cost) \$645,810

Daily Operations					
Rig HELMERICH & PAYNE, 265					
Drilled Last 24 Hours (ft) 0.00	End Depth (ftKB) 10,192.0	End Depth (TVD) (ftKB)	DFS (days) 8.83	Report Number 13	Report End Date 12/3/2014
Last Casing String SURFACE, 1,013.0ftKB					

Status at 6 AM PICKING UP WHIP.	24 Hour Forecast TRIP IN HOLE WITH WHIP, SET WHIP, MILL WINDOW, AND TRIP OUT OF HOLE TO PICK UP DIRECTIONAL TOOLS, PICK UP DIRECTIONAL TOOLS, TRIP IN HOLE.
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Time Log					
Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	06:30	0.50	SAFETY	ACTIVE	CLEAN RIG FLOOR.
06:30	07:00	0.50	BHA	ACTIVE	STRAP AND CALIPER BIT SUB, AND X/O.
07:00	11:30	4.50	TRIP	ACTIVE	MAKE UP 8.75 ROLLER CONE BIT, BIT SUB, X/O, AND TRIP IN HOLE FROM SURFACE TO 6,819', HOLE TAKING PROPER FILL WHILE TRIPPING IN THE HOLE, NO ISSUES WHILE TRIPPING IN THE HOLE. HOLE STARTED TAKING WEIGHT AT 6819', PULLED UP ONE STAND AND BEGAN CIRCULATING.
11:30	15:00	3.50	RMWASH	ACTIVE	REAM AND WASH FROM 6,819' TO 7,284' WITH 550 GPM, 60 TDRPM, HOLE PACKING OFF AT 7,200', SLOW PUMPS TO 300 GPM, IN ORDER TO CIRCULATE, HOLE PACKING OFF AND TORQUING UP WHEN PUMPING OVER 400 GPM.
15:00	16:00	1.00	CIRC	ACTIVE	CIRCULATE SWEEP AROUND AT 7,284', STAGING PUMPS UP TO TO 500 GPM WITH 100 TDRPM, HOLE PACKING OFF WHEN PUMPING OVER 400 GPM. COULD NOT MAKE ANY PROGRESS FORWARD, DECISION MADE TO TOOH FOR WHIPSTOCK ASSEMBLY
16:00	18:00	2.00	RMWASH	ACTIVE	BACK REAM OUT OF HOLE FROM 7,284' TO 6,723' WITH 80 GPM, 80 TDRPM PULLING 30K OVER STRING WEIGHT. HOLE TORQUING OUT AND PULLING TIGHT TO 6,723'.
18:00	18:30	0.50	TRIP	ACTIVE	TRIP OUT OF HOLE FROM 6,723' TO 6,054' WITHOUT ISSUES.
18:30	22:00	3.50	CIRC	ACTIVE	PUMP SWEEPS AROUND AT 6,054' WITH 500 GPM IN ORDER CIRCULATE HOLE CLEAN BEFORE TRIPPING OUT TO PICK UP WHIP.
22:00	01:00	3.00	TRIP	ACTIVE	TRIP OUT OF HOLE TO PICK UP WHIP FROM 6,054' TO SURFACE, HOLE TAKING PROPER FILL WHILE TRIPPING OUT OF HOLE, NO ISSUES WHILE TRIPPING OUT OF HOLE.
01:00	01:30	0.50	BHA	ACTIVE	LAY DOWN 8.75 ROLLER CONE BIT, BIT SUB, AND X/O.
01:30	03:00	1.50	SAFETY	ACTIVE	CLEAN RIG FLOOR AND STRAP AND CALIPER ALL DUMB IRON TO RUN WHIP IN HOLE.
03:00	03:30	0.50	SAFETY	ACTIVE	HOLD SAFETY MEETING WITH DEVON, H&P, AND SHLUMBERGER ON PICKING UP WHIP.
03:30	06:00	2.50	BHA	ACTIVE	MAKE UP WHIP AND ALL DUMB IRON SUBS, SCRIBE WHIP.
CONTACTED TRRC @ 21:00 ON 12/2/14 AND SPOKE WITH KATY WARD IN ORDER TO GET THE GO AHEAD TO SIT OPEN HOLE WHIP WITHOUT CEMENTING OLD HOLE UP.					



Partner Report

Report # 14 Date: 12/4/2014 06:00

District MIDLAND BASIN	County REAGAN	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location SEC 15, BLK 43, UL	API/UWI 4238339225	Latitude (°) 31° 6' 28.154" N	Longitude (°) 101° 17' 33.531" W	Ground Elev... 2,652.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,677.00	Tubing Head Elevation (ft)

Jobs			
Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 15,228.0	Authorized Depth TVD (ftKB)	API/UWI 4238339225

Costs					
WBS Number XX-109042.01.DRL;XX-109042.01.CMP;XX-109042.01.EQP;XX-109042.01.TIE	Planned Days (days) 15.20	Daily Cost (Cost) \$67,983	Cum To Date (Cost) \$1,445,173	Total WBS+Sup (Cost) \$7,536,880	Job % Complete (%) 70.1
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	13.04	\$67,983	\$1,445,173	\$2,026,000	\$580,827

Daily Operations					
Rig HELMERICH & PAYNE, 265					
Drilled Last 24 Hours (ft) 0.00	End Depth (ftKB) 10,192.0	End Depth (TVD) (ftKB)	DFS (days) 9.83	Report Number 14	Report End Date 12/4/2014

Last Casing String SURFACE, 1,013.0ftKB	
Status at 6 AM TRIPPING OUT OF HOLE AT 500'	24 Hour Forecast CONTINUE TRIPPING OUT OF HOLE, CHANGE OUT MILL, TRIP IN HOLE, FINISH MILLING WINDOW, TRIP OUT OF HOLE AND PICK UP DIRECTIONAL BHA, TRIP IN HOLE AND BUILD 8.75 PRODUCTION CURVE.

Time Log					
Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	08:00	2.00	DPIPE	ACTIVE	STRAP CALIPER AND PICK UP 12 JOINTS OF HWDP.
08:00	13:30	5.50	TRIP	ACTIVE	TRIP IN HOLE FROM 450' TO 6,146' AT THREE MINUTES A STAND IN ORDER TO SET WHIP. NO ISSUES WHILE TRIPPING IN HOLE WITH WHIP. TOP OF WHIP AT 6,114', BOTTOM OF SLIDE AT 6,126', BOTTOM OF WHIP AT 6,146'
13:30	16:00	2.50	WIRELINE	ACTIVE	HOLD SAFETY MEETING, AND RIG UP WIRELINE TRUCK.
16:00	17:00	1.00	WIRELINE	ACTIVE	RUN IN HOLE WITH WIRE LINE. STING INTO MULE SHOE SUB AND HAD THREE READINGS OF 227 AZIMUTH, PICK STRING UP OFF OF SLIPS AND TURN STRING AND WORK STRING 20' UP AND DOWN THREE TIMES, SET STRING BACK ON SLIPS AND STING INTO MULE SHOE SUB AND HAD THREE READINGS OF 70 AZIMUTH.
17:00	18:00	1.00	WIRELINE	ACTIVE	PULL WIRE LINE OUT OF HOLE IN ORDER TO SET WHIPSTOCK.
18:00	19:00	1.00	WIRELINE	ACTIVE	HOLD SAFETY MEETING AND RIG DOWN WIRELINE TRUCK.
19:00	19:30	0.50	STMILL	ACTIVE	STAGE PRESSURE UP TO 3,000 PSI IN ORDER TO SET ANCHOR ON WHIPSTOCK, STRING WEIGHT AT 168K, PULL UP TO 190K AND SLACK OFF TO 140K FOUR TIMES TO ENSURE THAT WHIP ANCHOR IS SET. SLACK OFF TO 123K IN ORDER TO SHEAR MILLING ASSEMBLY OFF OF WHIP STOCK.
19:30	02:30	7.00	STMILL	ACTIVE	TOP OF WHIP AT 6,114', BOTTOM OF SLIDE AT 6,126', BOTTOM OF WHIP AT 6,146' MILL FROM 6,114' TO 6,125' WITH 400 GPM, 60 ROTARY, 11K WOB, 1,100 SPP. (ROP SLOWED FROM 3.8' FPR TO 0.5' FPR, TORQUE FELL OFF AND UNABLE TO GET ANY TORQUE, LOWER GPM FROM 400 TO 290, CHANGE ROTARY FROM 50 RPM TO 80 RPM, WIEGHT 5K-15K, NO CHANGE IN ROP. MILL STACKING WEIGHT AND NOT DRILLING OFF.)
02:30	06:00	3.50	TRIP	ACTIVE	TRIP OUT OF HOLE TO CHANGE OUT MILL FROM 6,125' TO 500', HOLE TAKING PROPER FILL, NO ISSUES WHILE TRIPPING OUT OF HOLE. NO ACCIDENTS, NO INJURY, NO SPILLS *****ALL CREWS FULL*****



Partner Report

Report # 15 Date: 12/5/2014 06:00

District MIDLAND BASIN	County REAGAN	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location SEC 15, BLK 43, UL	API/UWI 4238339225	Latitude (°) 31° 6' 28.154" N	Longitude (°) 101° 17' 33.531" W	Ground Elev... 2,652.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,677.00	Tubing Head Elevation (ft)

Jobs			
Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 15,228.0	Authorized Depth TVD (ftKB)	API/UWI 4238339225

Costs					
WBS Number XX-109042.01.DRL;XX-109042.01.CMP;XX-109042.01.EQP;XX-109042.01.TIE	Planned Days (days) 15.20	Daily Cost (Cost) \$58,413	Cum To Date (Cost) \$1,503,586	Total WBS+Sup (Cost) \$7,536,880	Job % Complete (%) 71.6
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	14.04	\$58,413	\$1,503,586	\$2,026,000	\$522,414

Daily Operations					
Rig HELMERICH & PAYNE, 265					
Drilled Last 24 Hours (ft) 0.00	End Depth (ftKB) 10,192.0	End Depth (TVD) (ftKB)	DFS (days) 10.83	Report Number 15	Report End Date 12/5/2014
Last Casing String SURFACE, 1,013.0ftKB					

Status at 6 AM PICKING UP DIRECTIONAL BHA.	24 Hour Forecast FINISH PICKING UP DIRECTIONAL BHA, TRIP IN HOLE, BUILD 8.75 PRODUCTION CURVE.
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Time Log					
Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	06:30	0.50	TRIP	ACTIVE	CONTINUE TRIPPING OUT OF HOLE TO CHANGE OUT MILL FROM 500' TO SURFACE.
06:30	08:30	2.00	BHA	ACTIVE	HOLD SAFETY MEETING AND LAY DOWN BI MILL, RUNNING TOOL, AND UBHO SUB, PICK UP NEW TRI MILL.
08:30	09:00	0.50	TRIP	ACTIVE	TRIP IN HOLE WITH MILL FROM SURFACE TO 981', HOLE TAKING PROPER DISPLACEMENT WHILE TRIPPING IN THE HOLE, NO ISSUES WHILE TRIPPING IN THE HOLE.
09:00	11:00	2.00	RIGSVC	ACTIVE	SLIP AND CUT DRILL LINE.
11:00	12:00	1.00	SAFETY	ACTIVE	HOLD MONTHLY SAFETY MEETING WITH DEVON, H&P, TALKED ABOUT WORKING IN COLD WEATHER, FORKLIFT OPERATION, HOLIDAYS COMING UP AND KEEPING MIND ON THE JOB.
12:00	15:00	3.00	TRIP	ACTIVE	TRIP IN HOLE FROM 981' TO 6,114'. HOLE TAKING PROPER DISPLACEMENT WHILE TRIPPING IN THE HOLE, NO ISSUES WHILE TRIPPING IN THE HOLE.
15:00	15:30	0.50	STMILL	ACTIVE	WASH AND REAM WITH TRI MILL FROM 6,114' TO 6,125' WITH 400 GPM, 50 ROTARY, 3500 SPP, 2K WOB.
15:30	00:00	8.50	STMILL	ACTIVE	MILL FROM 6,125' TO 6,128' WITH 400 GPM, 50 ROTARY, 3500 SPP, 10-15K WOB. (STACKING WEIGHT AND WILL NOT DRILL OFF, LOWER GPM FROM 400 TO 290, CHANGE ROTARY FROM 50 RPM TO 80 RPM, WIEIGHT 5K-15K, NO CHANGE IN ROP. MILL STACKING WEIGHT AND NOT DRILLING OFF.) RUN MILL THROUGH RAT HOLE 5 TIMES TO INSURE THAT HOLE IS OPEN.
00:00	04:30	4.50	TRIP	ACTIVE	TRIP OUT OF HOLE FROM 6,128' TO SURFACE, HOLE TAKING PROPER FILL, NO ISSUES WHILE TRIPPING OUT OF HOLE.
04:30	05:00	0.50	BHA	ACTIVE	LAY DOWN 8.75 TRI MILL.
05:00	06:00	1.00	BHA	ACTIVE	PICK UP 8.75 EQH35R BIT, 6 3/4 7/8 6.4 STAGE 1.50 MOTOR, FLOAT SUB, NMDC, EM TOOL, PONY COLLAR, AND UBHO SUB, SCRIBE AND TEST, TEST GOOD. NO ACCIDENTS, NO INJURY, NO SPILLS *****ALL CREWS FULL*****



Partner Report

Report # 16 Date: 12/6/2014 06:00

District MIDLAND BASIN	County REAGAN	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX
Surface Legal Location SEC 15, BLK 43, UL	API/UWI 4238339225	Latitude (°) 31° 6' 28.154" N	Longitude (°) 101° 17' 33.531" W	Ground Elev... 2,652.00
			KB - GL (ft) 25.00	Orig KB Elev (ft) 2,677.00
				Tubing Head Elevation (ft)

Jobs				
Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 15,228.0	Authorized Depth TVD (ftKB)	API/UWI 4238339225	

Costs					
WBS Number XX-109042.01.DRL;XX-109042.01.CMP;XX-109042.01.EQP;XX-109042.01.TIE	Planned Days (days) 15.20	Daily Cost (Cost) \$68,949	Cum To Date (Cost) \$1,572,535	Total WBS+Sup (Cost) \$7,536,880	Job % Complete (%)
Job Phase DRILLING	Cum Duration (days) 15.04	Field Est this Report (Cost) \$68,949	Cum Phase Costs (Cost) \$1,572,535	Planned Cost (Cost) \$2,026,000	Cost Variance (Cost) \$453,465

Daily Operations					
Rig HELMERICH & PAYNE, 265					
Drilled Last 24 Hours (ft) 96.00	End Depth (ftKB) 6,222.0	End Depth (TVD) (ftKB)	DFS (days) 11.83	Report Number 16	Report End Date 12/6/2014

Last Casing String SURFACE, 1,013.0ftKB		Status at 6 AM TRIPPING IN HOLE AT 2,900'			
		24 Hour Forecast CONTINUE TRIPPING IN HOLE, BUILD 8.75 PRODUCTION CURVE, ROTATE AND SLIDE 8.75 PRODUCTION LATERAL PUMPING SWEEPS AND TAKING SURVEYS.			

Time Log					
Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	08:30	2.50	BHA	ACTIVE	PICK UP 8.75 EQH35R BIT, 6 3/4 7/8 6.4 STAGE 1.50 MOTOR, FLOAT SUB, NMDC, EM TOOL, PONY COLLAR, AND UBHO SUB, SCRIBE AND TEST, TEST GOOD.
08:30	11:00	2.50	TRIP	ACTIVE	TRIP IN HOLE FROM 111' TO 3,891', HOLE TAKING PROPER DISPLACEMENT WHILE TRIPPING IN THE HOLE, NO ISSUES WHILE TRIPPING IN THE HOLE.
11:00	12:00	1.00	TRIP	ACTIVE	ATTEMPT TO FILL PIPE AT 3,950, SCREEN LEFT IN PIPE FROM PREVIOUS FILL UP, TRIP OUT OF HOLE FROM 3,950' TO 2,095' TO RETRIEVE DRILL PIPE SCREEN, RETRIEVE SCREEN AND TRIP IN HOLE FROM 2,091' TO 3,950'
12:00	13:30	1.50	TRIP	ACTIVE	TRIP IN HOLE FROM 3,891' TO 6,126', HOLE TAKING DISPLACEMENT WHILE TRIPPING IN THE HOLE, NO ISSUES WHILE TRIPPING IN THE HOLE.
13:30	19:00	5.50	DRLG	ACTIVE	BUILD 8.75 PRODUCTION CURVE FROM 6,126' TO 6,222' WITH 550 GPM, 2,400 SPP, 100-250 DIFF, 154 MRPM, 10 TDRPM, 30-45K WOB, PUMPING SWEEPS AND TAKING MWD SURVEYS.
19:00	20:00	1.00	CIRC	ACTIVE	CIRCULATE SWEEP AROUND WITH 550 GPM IN ORDER TO CLEAN HOLE BEFORE TRIPPING FOR PDC BIT.
20:00	00:00	4.00	TRIP	ACTIVE	TRIP OUT OF HOLE FOR PDC BIT AND 1.83 MOTOR, FROM 6,222' TO 111', HOLE TAKING PROPER FILL WHILE TRIPPING OUT OF HOLE, NO ISSUES WHILE TRIPPING OUT OF HOLE,
00:00	03:00	3.00	BHA	ACTIVE	LAY DOWN 6 3/4 7/8 6.4 STAGE 1.5 MOTOR, 8.75 EQH35R BIT, EM TOOL, AND UBHO SUB, PICK UP 6 3/4 7/8 6.4 STAGE 1.83 MOTOR, 8.75 MMD55DC BIT, 8.25 NORTRAK, AND EM TOOL, SCRIBE AND TEST, TEST GOOD.
03:00	06:00	3.00	TRIP	ACTIVE	TRIP IN HOLE FROM 115' TO 2,900', HOLE TAKING PROPER DISPLACEMENT WHILE TRIPPING IN THE HOLE, NO ISSUES WHILE TRIPPING IN THE HOLE.
					FOOTAGE- 96' ROTATE- 0' (0%) ROTATING SLIDE- 96' (100%) SLIDING HRS- 5.5 AVG ROP- 17.5' FPH LAST SURVEY : PLAN #2 SIDETRACK MD - 6,160' INC - 11.65° AZM - 77.90° TVD - 6,096.50' PTB - 6,222' INC - 13.2° AZM - 52.2° TVD - 6,157.09' DLNL - 7.6 MY - N/A CF 9.4' FROM OLD HOLE ABOVE /BELOW - -0.3' LOW LEFT /RIGHT - - 4.6' RIGHT NO ACCIDENTS, NO INJURY, NO SPILLS *****ALL CREWS FULL*****



Partner Report

Report # 17 Date: 12/7/2014 06:00

District MIDLAND BASIN	County REAGAN	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location SEC 15, BLK 43, UL	API/UWI 4238339225	Latitude (°) 31° 6' 28.154" N	Longitude (°) 101° 17' 33.531" W	Ground Elev... 2,652.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,677.00	Tubing Head Elevation (ft)

Jobs			
Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 15,228.0	Authorized Depth TVD (ftKB)	API/UWI 4238339225

Costs					
WBS Number XX-109042.01.DRL;XX-109042.01.CMP;XX-109042.01.EQP;XX-109042.01.TIE	Planned Days (days) 15.20	Daily Cost (Cost) \$60,989	Cum To Date (Cost) \$1,645,868	Total WBS+Sup (Cost) \$7,536,880	Job % Complete (%)
Job Phase DRILLING	Cum Duration (days) 16.04	Field Est this Report (Cost) \$60,989	Cum Phase Costs (Cost) \$1,645,868	Planned Cost (Cost) \$2,026,000	Cost Variance (Cost) \$380,132

Daily Operations					
Rig HELMERICH & PAYNE, 265					
Drilled Last 24 Hours (ft) 1,482.00	End Depth (ftKB) 7,704.0	End Depth (TVD) (ftKB) 6,805.0	DFS (days) 12.83	Report Number 17	Report End Date 12/7/2014

Last Casing String SURFACE, 1,013.0ftKB	
Status at 6 AM DRILLING 8.75 PRODUCTION LATERAL AT 7,704'	24 Hour Forecast ROTATE AND SLIDE 8.75 PRODUCTION LATERAL PUMPING SWEEPS AND TAKING SURVEYS.

Time Log					
Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	08:30	2.50	TRIP	ACTIVE	CONTINUE TRIPPING IN HOLE FROM 2,900' TO 6,222', FILLING PIPE EVERY 2,500', HOLE TAKING PROPER DISPLACEMENT WHILE TRIPPING IN THE HOLE, NO ISSUES WHILE TRIPPING IN THE HOLE.
08:30	16:30	8.00	DRLG	ACTIVE	BUILD 8.75 PRODUCTION CURVE FROM 6,222' TO 6,661' WITH 550 GPM, 2,800 SPP, 250-450 DIFF, 154 MRPM, 10 TDRPM, 25-30K WOB, PUMPING SWEEPS AND TAKING MWD SURVEYS.
16:30	17:00	0.50	RIGSVC	ACTIVE	LUBRICATE RIG
17:00	02:30	9.50	DRLG	ACTIVE	BUILD 8.75 PRODUCTION CURVE FROM 6,661' TO 7,294' WITH 550 GPM, 2,800 SPP, 250-450 DIFF, 154 MRPM, 10 TDRPM, 25-30K WOB, PUMPING SWEEPS AND TAKING MWD SURVEYS.
02:30	06:00	3.50	DRLG	ACTIVE	ROTATE AND SLIDE 8.75 PRODUCTION LATERAL FROM 7,294' TO 7,704' WITH 600 GPM, 3,480 SPP, 450-700 DIFF, 168 MRPM, 80 TDRPM, 25-30K WOB, PUMPING SWEEPS AND TAKING MWD SURVEYS.
FOOTAGE- 1,482' ROTATE- 686' (46%) ROTATING SLIDE- 796' (54%) SLIDING HRS- 21 AVG ROP- 70.6' FPH LAST SURVEY : PLAN #2 SIDETRACK MD - 7,448' INC - 88.64° AZM - 358.88° TVD - 6,800.47' ABOVE /BELOW - -0.4' HIGH LEFT /RIGHT - - 8.4' RIGHT NO ACCIDENTS, NO INJURY, NO SPILLS *****ALL CREWS FULL*****					



Partner Report

Report # 17 Date: 12/7/2014 06:00

District MIDLAND BASIN	County REAGAN	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location SEC 15, BLK 43, UL	API/UWI 4238339225	Latitude (°) 31° 6' 28.154" N	Longitude (°) 101° 17' 33.531" W	Ground Elev... 2,652.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,677.00	Tubing Head Elevation (ft)

Jobs			
Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 15,228.0	Authorized Depth TVD (ftKB)	API/UWI 4238339225

Costs					
WBS Number XX-109042.01.DRL;XX-109042.01.CMP;XX-109042.01.EQP;XX-109042.01.TIE	Planned Days (days) 15.20	Daily Cost (Cost) \$60,989	Cum To Date (Cost) \$1,645,868	Total WBS+Sup (Cost) \$7,536,880	Job % Complete (%)
Job Phase DRILLING	Cum Duration (days) 16.04	Field Est this Report (Cost) \$60,989	Cum Phase Costs (Cost) \$1,645,868	Planned Cost (Cost) \$2,026,000	Cost Variance (Cost) \$380,132

Daily Operations					
Rig HELMERICH & PAYNE, 265					
Drilled Last 24 Hours (ft) 1,482.00	End Depth (ftKB) 7,704.0	End Depth (TVD) (ftKB)	DFS (days) 12.83	Report Number 17	Report End Date 12/7/2014

Last Casing String SURFACE, 1,013.0ftKB	
Status at 6 AM DRILLING 8.75 PRODUCTION LATERAL AT 7,704'	24 Hour Forecast ROTATE AND SLIDE 8.75 PRODUCTION LATERAL PUMPING SWEEPS AND TKAING SURVEYS.

Time Log					
Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	08:30	2.50	TRIP	ACTIVE	CONTINUE TRIPPING IN HOLE FROM 2,900' TO 6,222', FILLING PIPE EVERY 2,500', HOLE TAKING PROPER DISPLACEMENT WHILE TRIPPING IN THE HOLE, NO ISSUES WHILE TRIPPING IN THE HOLE.
08:30	16:30	8.00	DRLG	ACTIVE	BUILD 8.75 PRODUCTION CURVE FROM 6,222' TO 6,661' WITH 550 GPM, 2,800 SPP, 250-450 DIFF, 154 MRPM, 10 TDRPM, 25-30K WOB, PUMPING SWEEPS AND TAKING MWD SURVEYS.
16:30	17:00	0.50	RIGSVC	ACTIVE	LUBRICATE RIG
17:00	02:30	9.50	DRLG	ACTIVE	BUILD 8.75 PRODUCTION CURVE FROM 6,661' TO 7,294' WITH 550 GPM, 2,800 SPP, 250-450 DIFF, 154 MRPM, 10 TDRPM, 25-30K WOB, PUMPING SWEEPS AND TAKING MWD SURVEYS.
02:30	06:00	3.50	DRLG	ACTIVE	ROTATE AND SLIDE 8.75 PRODUCTION LATERAL FROM 7,294' TO 7,704' WITH 600 GPM, 3,480 SPP, 450-700 DIFF, 168 MRPM, 80 TDRPM, 25-30K WOB, PUMPING SWEEPS AND TAKING MWD SURVEYS.
FOOTAGE- 1,482' ROTATE- 686' (46%) ROTATING SLIDE- 796' (54%) SLIDING HRS- 21 AVG ROP- 70.6' FPH LAST SURVEY : PLAN #2 SIDETRACK MD - 7,448' INC - 88.64° AZM - 358.88° TVD - 6,800.47' ABOVE /BELOW - -0.4' HIGH LEFT /RIGHT - - 8.4' RIGHT NO ACCIDENTS, NO INJURY, NO SPILLS *****ALL CREWS FULL*****					



Partner Report

Report # 18 Date: 12/8/2014 06:00

District MIDLAND BASIN	County REAGAN	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location SEC 15, BLK 43, UL	API/UWI 4238339225	Latitude (°) 31° 6' 28.154" N	Longitude (°) 101° 17' 33.531" W	Ground Elev... 2,652.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,677.00	Tubing Head Elevation (ft)

Jobs			
Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 15,228.0	Authorized Depth TVD (ftKB)	API/UWI 4238339225

Costs					
WBS Number XX-109042.01.DRL;XX-109042.01.CMP;XX-109042.01.EQP;XX-109042.01.TIE	Planned Days (days) 15.20	Daily Cost (Cost) \$102,246	Cum To Date (Cost) \$1,748,114	Total WBS+Sup (Cost) \$7,536,880	Job % Complete (%)
Job Phase DRILLING	Cum Duration (days) 17.04	Field Est this Report (Cost) \$102,246	Cum Phase Costs (Cost) \$1,748,114	Planned Cost (Cost) \$2,026,000	Cost Variance (Cost) \$277,886

Daily Operations					
Rig HELMERICH & PAYNE, 265					
Drilled Last 24 Hours (ft) 2,647.00	End Depth (ftKB) 10,351.0	End Depth (TVD) (ftKB) 6,831.6	DFS (days) 13.83	Report Number 18	Report End Date 12/8/2014
Last Casing String SURFACE, 1,013.0ftKB					

Status at 6 AM DRILLING 8.75 PRODUCTION LATERAL AT 10,351'		24 Hour Forecast ROTATE AND SLIDE 8.75 PRODUCTION LATERAL PUMPING SWEEPS AND TAKING SURVEYS.			
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Time Log					
Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	06:30	0.50	DRLG	ACTIVE	ROTATE AND SLIDE 8.75 PRODUCTION LATERAL FROM 7,704' TO 7,738' WITH 600 GPM, 3,480 SPP, 450-700 DIFF, 168 MRPM, 80 TDRPM, 25-30K WOB, PUMPING SWEEPS AND TAKING MWD SURVEYS.
06:30	07:00	0.50	RIGSVC	ACTIVE	LUBRICATE RIG
07:00	08:00	1.00	DRLG	ACTIVE	ROTATE AND SLIDE 8.75 PRODUCTION LATERAL FROM 7,738' TO 7,944' WITH 600 GPM, 3,580 SPP, 450-600 DIFF, 168 MRPM, 80 TDRPM, 25-30K WOB, PUMPING SWEEPS AND TAKING MWD SURVEYS.
08:00	08:30	0.50	RIGSVC	ACTIVE	CHANGE OUT O RING ON 4" VALVE ON #1 MUD PUMP.
08:30	19:00	10.50	DRLG	ACTIVE	ROTATE AND SLIDE 8.75 PRODUCTION LATERAL FROM 7,944' TO 9,168' WITH 600 GPM, 3,580 SPP, 450-600 DIFF, 168 MRPM, 80 TDRPM, 25-30K WOB, PUMPING SWEEPS AND TAKING MWD SURVEYS.
19:00	20:00	1.00	CIRC	ACTIVE	CIRCULATE WITH #1 PUMP AT 350 GPM WHILE CHANGING OUT SWAB AND LINER ON #2 PUMP.
20:00	06:00	10.00	DRLG	ACTIVE	ROTATE AND SLIDE 8.75 PRODUCTION LATERAL FROM 9,168' TO 10,351' WITH 575 GPM, 3,800 SPP, 450-600 DIFF, 168 MRPM, 80 TDRPM, 25-30K WOB, PUMPING SWEEPS AND TAKING MWD SURVEYS.
HAZARD HUNT: HANDRAIL ON MUD TANK MISSING KEEPER BOLT, EYE WASH STATION EMPTY, TOOLS LAYING ON SKID CAUSING TRIP HAZARD AFTER WORKING ON PUMPS, (ALL HAZARDS FIXED)					
FOOTAGE- 2,647' ROTATE- 2,470' (93%) ROTATING SLIDE- 177' (7%) SLIDING HRS- 22 AVG ROP- 120.3' FPH LAST SURVEY : PLAN #2 SIDETRACK, DRILLING WINDOW CHANGE AT 18:45 ON 12/7/14, STAY 0 TO 20' LOW OF PLAN LINE, DRILLING WINDOW CHANGE AT 01:30 ON 12/8/14, STAY 10' TO 20' LOW OF PLAN LINE. MD - 10,095' INC - 88.02° AZM - 0.64° TVD - 6,829.90'					
ABOVE /BELOW - - 17.7' LOW LEFT /RIGHT - - 1.8' RIGHT					
NO ACCIDENTS, NO INJURY, NO SPILLS *****ALL CREWS FULL*****					



Partner Report

Report # 18 Date: 12/8/2014 06:00

District MIDLAND BASIN	County REAGAN	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location SEC 15, BLK 43, UL	API/UWI 4238339225	Latitude (°) 31° 6' 28.154" N	Longitude (°) 101° 17' 33.531" W	Ground Elev... 2,652.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,677.00	Tubing Head Elevation (ft)

Jobs			
Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 15,228.0	Authorized Depth TVD (ftKB)	API/UWI 4238339225

Costs					
WBS Number XX-109042.01.DRL;XX-109042.01.CMP;XX-109042.01.EQP;XX-109042.01.TIE	Planned Days (days) 15.20	Daily Cost (Cost) \$102,246	Cum To Date (Cost) \$1,748,114	Total WBS+Sup (Cost) \$7,536,880	Job % Complete (%)
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	17.04	\$102,246	\$1,748,114	\$2,026,000	\$277,886

Daily Operations					
Rig HELMERICH & PAYNE, 265					
Drilled Last 24 Hours (ft) 2,647.00	End Depth (ftKB) 10,351.0	End Depth (TVD) (ftKB)	DFS (days) 13.83	Report Number 18	Report End Date 12/8/2014

Last Casing String SURFACE, 1,013.0ftKB	
Status at 6 AM DRILLING 8.75 PRODUCTION LATERAL AT 10,351'	24 Hour Forecast ROTATE AND SLIDE 8.75 PRODUCTION LATERAL PUMPING SWEEPS AND TAKING SURVEYS.

Time Log					
Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	06:30	0.50	DRLG	ACTIVE	ROTATE AND SLIDE 8.75 PRODUCTION LATERAL FROM 7,704' TO 7,738' WITH 600 GPM, 3,480 SPP, 450-700 DIFF, 168 MRPM, 80 TDRPM, 25-30K WOB, PUMPING SWEEPS AND TAKING MWD SURVEYS.
06:30	07:00	0.50	RIGSVC	ACTIVE	LUBRICATE RIG
07:00	08:00	1.00	DRLG	ACTIVE	ROTATE AND SLIDE 8.75 PRODUCTION LATERAL FROM 7,738' TO 7,944' WITH 600 GPM, 3,580 SPP, 450-600 DIFF, 168 MRPM, 80 TDRPM, 25-30K WOB, PUMPING SWEEPS AND TAKING MWD SURVEYS.
08:00	08:30	0.50	RIGSVC	ACTIVE	CHANGE OUT O RING ON 4" VALVE ON #1 MUD PUMP.
08:30	19:00	10.50	DRLG	ACTIVE	ROTATE AND SLIDE 8.75 PRODUCTION LATERAL FROM 7,944' TO 9,168' WITH 600 GPM, 3,580 SPP, 450-600 DIFF, 168 MRPM, 80 TDRPM, 25-30K WOB, PUMPING SWEEPS AND TAKING MWD SURVEYS.
19:00	20:00	1.00	CIRC	ACTIVE	CIRCULATE WITH #1 PUMP AT 350 GPM WHILE CHANGING OUT SWAB AND LINER ON #2 PUMP.
20:00	06:00	10.00	DRLG	ACTIVE	ROTATE AND SLIDE 8.75 PRODUCTION LATERAL FROM 9,168' TO 10,351' WITH 575 GPM, 3,800 SPP, 450-600 DIFF, 168 MRPM, 80 TDRPM, 25-30K WOB, PUMPING SWEEPS AND TAKING MWD SURVEYS.
HAZARD HUNT: HANDRAIL ON MUD TANK MISSING KEEPER BOLT, EYE WASH STATION EMPTY, TOOLS LAYING ON SKID CAUSING TRIP HAZARD AFTER WORKING ON PUMPS, (ALL HAZARDS FIXED)					
FOOTAGE- 2,647' ROTATE- 2,470' (93%) ROTATING SLIDE- 177' (7%) SLIDING HRS- 22 AVG ROP- 120.3' FPH LAST SURVEY : PLAN #2 SIDETRACK, DRILLING WINDOW CHANGE AT 18:45 ON 12/7/14, STAY 0 TO 20' LOW OF PLAN LINE, DRILLING WINDOW CHANGE AT 01:30 ON 12/8/14, STAY 10' TO 20' LOW OF PLAN LINE. MD - 10,095' INC - 88.02° AZM - 0.64° TVD - 6,829.90'					
ABOVE /BELOW - - 17.7' LOW LEFT /RIGHT - - 1.8' RIGHT					
NO ACCIDENTS, NO INJURY, NO SPILLS *****ALL CREWS FULL*****					



Partner Report

Report # 19 Date: 12/9/2014 06:00

District MIDLAND BASIN	County REAGAN	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location SEC 15, BLK 43, UL	API/UWI 4238339225	Latitude (°) 31° 6' 28.154" N	Longitude (°) 101° 17' 33.531" W	Ground Elev... 2,652.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,677.00	Tubing Head Elevation (ft)

Jobs			
Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 15,228.0	Authorized Depth TVD (ftKB)	API/UWI 4238339225

Costs					
WBS Number XX-109042.01.DRL;XX-109042.01.CMP;XX-109042.01.EQP;XX-109042.01.TIE	Planned Days (days) 15.20	Daily Cost (Cost) \$74,531	Cum To Date (Cost) \$1,822,645	Total WBS+Sup (Cost) \$7,536,880	Job % Complete (%)
Job Phase DRILLING	Cum Duration (days) 18.04	Field Est this Report (Cost) \$74,531	Cum Phase Costs (Cost) \$1,822,645	Planned Cost (Cost) \$2,026,000	Cost Variance (Cost) \$203,355

Daily Operations					
Rig HELMERICH & PAYNE, 265					
Drilled Last 24 Hours (ft) 1,774.00	End Depth (ftKB) 12,125.0	End Depth (TVD) (ftKB)	DFS (days) 14.83	Report Number 19	Report End Date 12/9/2014
Last Casing String SURFACE, 1,013.0ftKB					

Status at 6 AM TRIPPING OUT OF HOLE AT 11,100'	24 Hour Forecast TRIP OUT OF HOLE, CHANGE OUT BHA, TRIP IN HOLE, ROTATE AND SLIDE 8.75 PRODUCTION LATERAL PUMPING SWEEPS AND TAKING SURVEYS.
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Time Log					
Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	14:00	8.00	DRLG	ACTIVE	ROTATE AND SLIDE 8.75 PRODUCTION LATERAL FROM 10,351' TO 11,200' WITH 575 GPM, 3,800 SPP, 450-600 DIFF, 161 MRPM, 80 TDRPM, 25-30K WOB, PUMPING SWEEPS AND TAKING MWD SURVEYS.
14:00	14:30	0.50	RIGSVC	ACTIVE	LUBRICATE RIG
14:30	23:30	9.00	DRLG	ACTIVE	ROTATE AND SLIDE 8.75 PRODUCTION LATERAL FROM 11,200' TO 12,125' WITH 575 GPM, 3,800 SPP, 450-600 DIFF, 161 MRPM, 80 TDRPM, 25-30K WOB, PUMPING SWEEPS AND TAKING MWD SURVEYS.
23:30	04:30	5.00	CIRC	ACTIVE	ROP SLOWED FROM 200' AN HR TO 80' AN HR, TORQUE INCREASED FROM 14,000 TO 16,000, DIFF DECREASED FROM 650 TO 300, MOTOR STATOR RUBBER COMING BACK ACROSS SHAKERS PERFORM CLEAN UP CYCLE AT 12,125' PUMPING HIGH VISCOSITY SWEEPS, ROTATING PIPE 80 RPM WITH 575 GPM, AND RECIPROCATING PIPE 90'. 1ST SWEEP: 80% COVERAGE ON ALL SHAKERS, CUTTINGS WERE SMALL 2ND SWEEP: 60% COVERAGE ON ALL SHAKERS, CUTTINGS WERE SMALL 3RD SWEEP: 50% COVERAGE ON ALL SHAKERS, CUTTINGS WERE SMALL 4TH SWEEP: 40% COVERAGE ON ALL SHAKERS, CUTTINGS WERE SMALL 5TH SWEEP: 10% COVERAGE ON ALL SHAKERS, CUTTINGS WERE SMALL HOLE CIRCULATING CLEAN
04:30	06:00	1.50	TRIP	ACTIVE	TRIP OUT OF HOLE FOR MUD MOTOR FROM 12,125' TO 11,100', HOLE TAKING PROPER FILL WHILE TRIPPING OUT OF HOLE, NO ISSUES WHILE TRIPPING OUT OF HOLE. FOOTAGE- 1,774' ROTATE- 1,632' (92%) ROTATING SLIDE- 142' (8%) SLIDING HRS- 17 AVG ROP- 104.4' FPH LAST SURVEY : PLAN #3 SIDETRACK, PLAN CHANGED FROM PLAN #2 TO PLAN #3 ON 12/8/14 AT 8:30. MD - 11,985' INC - 89.17° AZM - 0.73° TVD - 6,845.07' ABOVE /BELOW - - 3.5' LOW LEFT /RIGHT - - 5.8' LEFT NO ACCIDENTS, NO INJURY, NO SPILLS *****ALL CREWS FULL*****



Partner Report

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

District MIDLAND BASIN	County REAGAN	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location SEC 15, BLK 43, UL	API/UWI 4238339225	Latitude (°) 31° 6' 28.154" N	Longitude (°) 101° 17' 33.531" W	Ground Elev... 2,652.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,677.00	Tubing Head Elevation (ft)

Jobs			
Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 15,228.0	Authorized Depth TVD (ftKB)	API/UWI 4238339225

Costs					
WBS Number XX-109042.01.DRL;XX-109042.01.CMP;XX-109042.01.EQP;XX-109042.01.TIE	Planned Days (days) 15.20	Daily Cost (Cost) \$121,731	Cum To Date (Cost) \$1,944,376	Total WBS+Sup (Cost) \$7,536,880	Job % Complete (%)
Job Phase DRILLING	Cum Duration (days) 19.04	Field Est this Report (Cost) \$121,731	Cum Phase Costs (Cost) \$1,944,376	Planned Cost (Cost) \$2,026,000	Cost Variance (Cost) \$81,624

Daily Operations					
Rig HELMERICH & PAYNE, 265					
Drilled Last 24 Hours (ft) 778.00	End Depth (ftKB) 12,903.0	End Depth (TVD) (ftKB)	DFS (days) 15.83	Report Number 20	Report End Date 12/10/2014
Last Casing String SURFACE, 1,013.0ftKB					

Status at 6 AM DRILLING 8.75 PRODUCTION LATERAL AT 12,903'	24 Hour Forecast ROTATE AND SLIDE 8.75 PRODUCTION LATERAL PUMPING SWEEPS AND TAKING SURVEYS.
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Time Log					
Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	12:00	6.00	TRIP	ACTIVE	TRIP OUT OF HOLE FOR MUD MOTOR FROM 11,100' TO 114', STRAPPING OUT OF HOLE, HOLE TAKING PROPER FILL, NO ISSUES WHILE TRIPPING OUT OF HOLE.
12:00	14:30	2.50	BHA	ACTIVE	HOLD SAFETY MEETING, LAY DOWN 6 3/4 7/8 6.4 STAGE 1.83 MOTOR, 8.25 NORTRAK, EM TOOL, AND 8.75 MMD55DC BIT, PICK UP NEW 6 3/4 7/8 6.4 STAGE 1.50 MOTOR, 8.5 NORTRAK, EM TOOL, AND 8.75 MM65DRM BIT, MOTOR WOULD NOT DRAIN, STATOR DAMAGED
14:30	22:00	7.50	TRIP	ACTIVE	TRIP IN HOLE FROM 114' TO 12,125', FILLING PIPE EVERY 2,500', HOLE TAKING PROPER DISPLACEMENT WHILE TRIPPING IN THE HOLE, NO ISSUES WHILE TRIPPING IN THE HOLE.
22:00	06:00	8.00	DRLG	ACTIVE	ROTATE AND SLIDE 8.75 PRODUCTION LATERAL FROM 12,125' TO 12,903' WITH 550 GPM, 3,800 SPP, 450-600 DIFF, 154 MRPM, 80 TDRPM, 25-30K WOB, PUMPING SWEEPS AND TAKING MWD SURVEYS. FOOTAGE - 778' ROTATE - 667' (86%) ROTATING SLIDE - 111' (14%) SLIDING HRS - 8 AVG ROP - 97.2' FPH LAST SURVEY : PLAN #3 SIDETRACK. MD - 12,742' INC - 90.66° AZM - 0.11° TVD - 6,847.60' ABOVE /BELOW - - 2.4' LOW LEFT /RIGHT - - 11' LEFT NO ACCIDENTS, NO INJURY, NO SPILLS *****ALL CREWS FULL*****



Partner Report

Report # 21 Date: 12/11/2014 06:00

District MIDLAND BASIN	County REAGAN	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location SEC 15, BLK 43, UL	API/UWI 4238339225	Latitude (°) 31° 6' 28.154" N	Longitude (°) 101° 17' 33.531" W	Ground Elev... 2,652.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,677.00	Tubing Head Elevation (ft)

Jobs			
Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 15,228.0	Authorized Depth TVD (ftKB)	API/UWI 4238339225

Costs					
WBS Number XX-109042.01.DRL;XX-109042.01.CMP;XX-109042.01.EQP;XX-109042.01.TIE	Planned Days (days) 15.20	Daily Cost (Cost) \$127,312	Cum To Date (Cost) \$2,076,947	Total WBS+Sup (Cost) \$7,536,880	Job % Complete (%)
Job Phase DRILLING	Cum Duration (days) 20.04	Field Est this Report (Cost) \$127,312	Cum Phase Costs (Cost) \$2,076,947	Planned Cost (Cost) \$2,026,000	Cost Variance (Cost) (\$50,947)

Daily Operations					
Rig HELMERICH & PAYNE, 265					
Drilled Last 24 Hours (ft) 2,364.00	End Depth (ftKB) 15,267.0	End Depth (TVD) (ftKB)	DFS (days) 16.83	Report Number 21	Report End Date 12/11/2014

Last Casing String SURFACE, 1,013.0ftKB	
Status at 6 AM DRILLING LATERAL PRODUCTION LATERAL AT 15267	24 Hour Forecast FINISH DRILLING PRODUCTION LATERAL TO TD @ 15296' PERFORM CLEAN UP CYCLE LAY DOWN DRILL PIPE

Time Log					
Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	09:00	3.00	DRLG	ACTIVE	ROTATE AND SLIDE 8.75 PRODUCTION LATERAL FROM 12,903' TO 13,117' WITH 550 GPM, 3,800 SPP, 450-600 DIFF, 154 MRPM, 80 TDRPM, 25-30K WOB, PUMPING SWEEPS AND TAKING MWD SURVEYS.
09:00	10:00	1.00	RIGSVC	ACTIVE	CHANGE OUT #1 SWAB IN NUMBER #1 PUMP
10:00	16:30	6.50	DRLG	ACTIVE	ROTATE AND SLIDE 8.75 PRODUCTION LATERAL FROM 13,117' TO 13,847' WITH 550 GPM, 3,800 SPP, 450-600 DIFF, 154 MRPM, 80 TDRPM, 25-30K WOB, PUMPING SWEEPS AND TAKING MWD SURVEYS.
16:30	17:00	0.50	RIGSVC	ACTIVE	LUBRICATE RIG
17:00	06:00	13.00	DRLG	ACTIVE	ROTATE AND SLIDE 8.75 PRODUCTION LATERAL FROM 13,847' TO 15267' WITH 550 GPM, 3,800 SPP, 450-600 DIFF, 154 MRPM, 80 TDRPM, 25-30K WOB, PUMPING SWEEPS AND TAKING MWD SURVEYS. FOOTAGE-2364' ROTATE- 2188' (92.55%) ROTATING SLIDE- 176' (7.45%) SLIDING HRS- 22.5 AVG ROP- 131.94' FPH LAST SURVEY : PLAN #4 SIDETRACK. MD - 15011' INC - 88.64° AZM - 1.61° TVD - 6897.58' ABOVE /BELOW - - 1.2' BELOW LEFT /RIGHT - - 14.7' LEFT PLAN CHANGED FROM PLAN 3 TO PLAN 4 @ 12/10/14 @ 9:30AM TVD CHANGED FROM 6858 TO 6904 NO ACCIDENTS, NO INJURY, NO SPILLS *****ALL CREWS FULL*****



Partner Report

Report # 22 Date: 12/12/2014 06:00

District MIDLAND BASIN	County REAGAN	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location SEC 15, BLK 43, UL	API/UWI 4238339225	Latitude (°) 31° 6' 28.154" N	Longitude (°) 101° 17' 33.531" W	Ground Elev... 2,652.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,677.00	Tubing Head Elevation (ft)

Jobs			
Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 15,228.0	Authorized Depth TVD (ftKB)	API/UWI 4238339225

Costs					
WBS Number XX-109042.01.DRL;XX-109042.01.CMP;XX-109042.01.EQP;XX-109042.01.TIE	Planned Days (days) 15.20	Daily Cost (Cost) \$230,527	Cum To Date (Cost) \$2,267,415	Total WBS+Sup (Cost) \$7,536,880	Job % Complete (%) 100.0
Job Phase DRILLING	Cum Duration (days) 21.04	Field Est this Report (Cost) \$230,527	Cum Phase Costs (Cost) \$2,267,415	Planned Cost (Cost) \$2,026,000	Cost Variance (Cost) (\$241,415)

Daily Operations					
Rig HELMERICH & PAYNE, 265					
Drilled Last 24 Hours (ft) 29.00	End Depth (ftKB) 15,296.0	End Depth (TVD) (ftKB) 6,901.3	DFS (days) 17.83	Report Number 22	Report End Date 12/12/2014

Last Casing String SURFACE, 1,013.0ftKB	
Status at 6 AM LAYING DOWN DRILL PIPE @ 4500'	24 Hour Forecast FINISH LAYING DOWN 5" DRILL PIPE LAY DOWN DIRECTIONAL BHA PJSM WITH CASING CREWS AND DEVON, H&P CREWS RIG UP AND RUN 5.5 " CASING

Time Log					
Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	06:30	0.50	DRLG	ACTIVE	ROTATE AND SLIDE 8.75 PRODUCTION LATERAL FROM 15,267 TO 15,296' WITH 550 GPM, 3,800 SPP, 450-600 DIFF, 154 MRPM, 80 TDRPM, 25-30K WOB, PUMPING SWEEPS AND TAKING MWD SURVEYS. FOOTAGE-29' ROTATE- 29' (100%) ROTATING SLIDE- 0' (0%) SLIDING HRS- .5 AVG ROP- 58' FPH LAST SURVEY : PLAN #4 SIDETRACK. MD - 15229' INC - 89.34° AZM - 1.17° TVD - 6901.66' ABOVE /BELOW - - 1.4' BELOW LEFT /RIGHT - - 15.3' LEFT PTB: MD - 15296' INC - 89.34° AZM - 1.17° TVD - 6902.43' ABOVE /BELOW - - 1.4' BELOW LEFT /RIGHT - - 15.3' LEFT
06:30	16:00	9.50	CIRC	ACTIVE	PERFORM CLEAN UP CYCLE AT 15,296' PUMPING HIGH VISCOSITY SWEEPS, ROTATING PIPE 90 RPM WITH 600 GPM, AND RECIPROCATING PIPE 90'. 1ST SWEEP: 90% COVERAGE ON ALL SHAKERS, CUTTINGS WERE MEDIUM SIZE 2ND SWEEP: 90% COVERAGE ON ALL SHAKERS, CUTTINGS WERE MEDIUM SIZE 3RD SWEEP: 80% COVERAGE ON ALL SHAKERS, CUTTINGS WERE SMALL 4TH SWEEP: 60% COVERAGE ON ALL SHAKERS, CUTTINGS WERE SMALL 5TH SWEEP: 40% COVERAGE ON ALL SHAKERS, CUTTINGS WERE SMALL 6TH SWEEP: 10% COVERAGE ON ALL SHAKERS, CUTTINGS WERE GROUND SIZE 7TH SWEEP: 5% COVERAGE ON ALL SHAKERS, CUTTINGS WERE GROUND SIZE AND MOSTLY LCM FROM SWEEPS HOLE CIRCULATING CLEAN
16:00	17:00	1.00	TRIP	ACTIVE	TRIP OUT OF HOLE 10 STANDS FROM 15,296 TO 14,353 STAND IN DERRICK
17:00	06:00	13.00	DPIPE	ACTIVE	LAY DOWN DRILL PIPE FROM 14,353 TO 4500' STRAPING PIPE EVERY 30 JOINTS NO ACCIDENTS, NO INJURY, NO SPILLS *****ALL CREWS FULL*****



Partner Report

Report # 23 Date: 12/13/2014 06:00

District MIDLAND BASIN	County REAGAN	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location SEC 15, BLK 43, UL	API/UWI 4238339225	Latitude (°) 31° 6' 28.154" N	Longitude (°) 101° 17' 33.531" W	Ground Elev... 2,652.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,677.00	Tubing Head Elevation (ft)

Jobs			
Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 15,228.0	Authorized Depth TVD (ftKB)	API/UWI 4238339225

Costs					
WBS Number XX-109042.01.DRL;XX-109042.01.CMP;XX-109042.01.EQP;XX-109042.01.TIE	Planned Days (days) 15.20	Daily Cost (Cost) \$68,470	Cum To Date (Cost) \$2,335,885	Total WBS+Sup (Cost) \$7,536,880	Job % Complete (%) 100.0
Job Phase DRILLING	Cum Duration (days) 22.04	Field Est this Report (Cost) \$68,470	Cum Phase Costs (Cost) \$2,335,885	Planned Cost (Cost) \$2,026,000	Cost Variance (Cost) (\$309,885)

Daily Operations					
Rig HELMERICH & PAYNE, 265					
Drilled Last 24 Hours (ft) 0.00	End Depth (ftKB) 15,296.0	End Depth (TVD) (ftKB) 6,901.3	DFS (days) 18.83	Report Number 23	Report End Date 12/13/2014

Last Casing String SURFACE, 1,013.0ftKB	
Status at 6 AM CIRCULATING BOTTOMS UP @ 7284	24 Hour Forecast FINISH RUNNING 5 1/2 PRODUCTION CASING AND CEMENT IN PLACE. INSTALL TUBING HEAD, JET AND CLEAN PITS, START DE-TOX OF RIG FOR RIG MOVE

Time Log					
Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	07:00	1.00	TRIP	ACTIVE	TRIP IN 10 STANDS OF DRILL PIPE
07:00	12:00	5.00	DPIPE	ACTIVE	LAY DOWN DRILL PIPE AND HWDP FROM 4500' TO DIRECTIONAL TOOLS
12:00	13:30	1.50	BHA	ACTIVE	LAY DOWN DIRECTIONAL TOOLS AND BIT
13:30	14:00	0.50	RIGSVC	ACTIVE	CLEAR FLOOR, REMOVE BAILS AND ELEVATORS REMOVE WEAR BUSHING
14:00	16:00	2.00	SAFETY	ACTIVE	HOLD PRE JOB SAFETY MEETING WITH VAM, TESCO, AND H&P OVER CORRECT TORQUE, HAND PLACEMENT, OVER 4' HIGH 100% TIE OFF, AND CORRECT CASING RUNNING PROCEDURES.
16:00	20:00	4.00	CSG	ACTIVE	RIG UP CRT TOOL, AND ALL OTHER CASING TOOLS. MAKE UP PRE- BUCKED ON SHOE , 1 JOINT 5.5 " P-110RY GB/CD 17# CASING, 5.5" FLOAT COLLAR, 1 JOINT 5.5" P-110RY GB/CD 17# TORQUE TO 12,900 FT. LBS.. MADE UP FRAC SLEEVE, TORQUE TO 5,500 FT-LBS. BREAK CIRCULATION THROUGH SHOE AND FLOAT EQUIPMENT AND RUN 5.5" P110RY 17 # GB/CD CASING, TORQUE CASING TO 12,900 FT-LBS WITH TORQUE TURN MONITORING WITH TESCO AND THREAD REP INSTRUCTIONS. RUN CASING FROM SURFACE TO 1393
20:00	20:30	0.50	RIGSVC	ACTIVE	LEVEL TOP DRIVE TO HELP MAKE UP ON CASING
20:30	03:30	7.00	CSG	ACTIVE	RUN 5.5" P110RY 17 # GB/CD CASING, TORQUE CASING TO 12,900 FT-LBS WITH TORQUE TURN MONITORING WITH TESCO AND THREAD REP INSTRUCTIONS. RUN CASING FROM 1393' TO 6076'
03:30	04:00	0.50	CIRC	ACTIVE	CIRCULATE BOTTOMS UP AT TOP OF CURVE 6076' WITH 350 GPM, NO ISSUES WHILE CIRCULATING BOTTOMS UP.
04:00	05:30	1.50	CSG	ACTIVE	RUN 5.5" P110RY 17 # GB/CD CASING, TORQUE CASING TO 12,900 FT-LBS WITH TORQUE TURN MONITORING WITH TESCO AND THREAD REP INSTRUCTIONS. RUN CASING FROM 6076' TO 7284'
05:30	06:00	0.50	CIRC	ACTIVE	CIRCULATE BOTTOMS UP AT BOTTOM OF CURVE 7284' WITH 350 GPM, NO ISSUES WHILE CIRCULATING BOTTOMS UP.
NO ACCIDENTS, NO INJURY, NO SPILLS *****ALL CREWS FULL*****					



Partner Report

Report # 24 Date: 12/14/2014 06:00

District MIDLAND BASIN	County REAGAN	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location SEC 15, BLK 43, UL	API/UWI 4238339225	Latitude (°) 31° 6' 28.154" N	Longitude (°) 101° 17' 33.531" W	Ground Elev... 2,652.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,677.00	Tubing Head Elevation (ft)

Jobs			
Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 15,228.0	Authorized Depth TVD (ftKB)	API/UWI 4238339225

Costs					
WBS Number XX-109042.01.DRL;XX-109042.01.CMP;XX-109042.01.EQP;XX-109042.01.TIE	Planned Days (days) 15.20	Daily Cost (Cost) \$400,263	Cum To Date (Cost) \$2,736,148	Total WBS+Sup (Cost) \$7,536,880	Job % Complete (%) 100.0
Job Phase DRILLING	Cum Duration (days) 23.04	Field Est this Report (Cost) \$400,263	Cum Phase Costs (Cost) \$2,736,148	Planned Cost (Cost) \$2,026,000	Cost Variance (Cost) (\$710,148)

Daily Operations					
Rig HELMERICH & PAYNE, 265					
Drilled Last 24 Hours (ft) 0.00	End Depth (ftKB) 15,296.0	End Depth (TVD) (ftKB) 6,901.3	DFS (days) 19.83	Report Number 24	Report End Date 12/14/2014

Last Casing String PRODUCTION 1, 15,296.0ftKB	
Status at 6 AM INSTAL TUBING HEAD	24 Hour Forecast RIG DOWN DE-TOX RIG

Time Log					
Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	06:30	0.50	CIRC	ACTIVE	FINISH CIRCULATING BOTTOMS UP AT BOTTOM OF CURVE 7284' WITH 350 GPM, NO ISSUES WHILE CIRCULATING BOTTOMS UP.
06:30	17:30	11.00	CSG	ACTIVE	RUN 5.5" P110RY 17 #GBCD CASING, TORQUE CASING TO 12,000 FT-LBS WITH TORQUE TURN MONITORING WITH TESCO AND TUBULAR SOLUTIONS REP INSTRUCTIONS. RUN CASING FROM 7,284' TO 15296', FILLING PIPE EVERY 2,000' TOP OF FLOAT AT 15256.3 TOP OF FRAC SLEEVE 15207.3 TOP OF SHOE 15294
17:30	19:00	1.50	CIRC	ACTIVE	CIRCULATE 1.5 TIMES CASING CAPACITY AT 350 GPM.
19:00	19:30	0.50	CMTPRI	ACTIVE	HELD SAFETY MEETING AND RIG UP CEMENT EQUIPMENT
19:30	00:30	5.00	CMTPRI	ACTIVE	TEST LINES TO 5,000 PSI, AND CEMENT 5 1/2" 17 LB P-110RY GB CD PRODUCTION CASING. SPACER 30 BBL, 10.0 PPG SEAL BOND, 30 BBL'S OF 10.0 PPG BRINE WATER, 30 BBL 10.0 PPG SEAL BOND. 780 SKS 329 BBL'S 11.8 PPG, LEAD SLURRY 50:50 POZ CLASS H, 1990 SACKS 455 BBL'S 14.2 PPG TAIL SLURRY 50:50 POZ CLASS H, DISPLACE AT 7 BPM WITH 24 BBL'S ACETIC ACID 330 BBL'S OF 2 % KCL WATER, BUMPED PLUG 500 OVER AT 2,400 PSI. CHECK FLOATS, FLOATS HELD, CIRCULATE 50 BBL'S OF CEMENT TO SURFACE. CONTACTED TRRC ON 12/12/14 AT 08:30 AM SPOKE WITH IVY,
00:30	01:30	1.00	CMTPRI	ACTIVE	RIG DOWN CMENT EQUIPMENT
01:30	02:30	1.00	CMTPRI	ACTIVE	FLUSH OUT BOP, FLOW LINE, SHAKERS WITH SUGAR WATER; PREPARE TO NIPPLE DOWN BOP
02:30	05:30	3.00	BOPS	ACTIVE	RIG DOWN KATCH KAN; FLOW LINE, CHOKE LINE, KILL LINE AND TURNBUCKLES FROM BOP; NIPPLE DOWN BOP FROM DSA AND SPOOL; SET CASING SLIPS WITH 120K; RIG UP AND CUT CASING WITH CUTTING TOOL. LAY DOWN CUT JT. SET BACK BOP ON HANDLER LAY DOWN SPOOL AND DSA,
05:30	06:00	0.50	WLHEAD	ACTIVE	INSTALL 11" 5K TUBING HEAD
NO ACCIDENTS, NO INJURY, NO SPILLS *****ALL CREWS FULL*****					



Partner Report

Report # 25 Date: 12/15/2014 06:00

District MIDLAND BASIN	County REAGAN	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location SEC 15, BLK 43, UL	API/UWI 4238339225	Latitude (°) 31° 6' 28.154" N	Longitude (°) 101° 17' 33.531" W	Ground Elev... 2,652.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,677.00	Tubing Head Elevation (ft)

Jobs			
Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 15,228.0	Authorized Depth TVD (ftKB)	API/UWI 4238339225

Costs					
WBS Number XX-109042.01.DRL;XX-109042.01.CMP;XX-109042.01.EQP;XX-109042.01.TIE	Planned Days (days) 15.20	Daily Cost (Cost) \$66,576	Cum To Date (Cost) \$2,765,724	Total WBS+Sup (Cost) \$7,536,880	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	24.04	\$66,576	\$2,765,724	\$2,026,000	(\$739,724)
COMPLETION	0.00	\$0	\$0	\$0	

Daily Operations					
Rig HELMERICH & PAYNE, 265					
Drilled Last 24 Hours (ft) 0.00	End Depth (ftKB) 15,296.0	End Depth (TVD) (ftKB) 6,901.3	DFS (days) 20.83	Report Number 25	Report End Date 12/15/2014

Last Casing String
PRODUCTION 1, 15,296.0ftKB

Status at 6 AM RIGGING DOWN	24 Hour Forecast MIRU FROM UNIVERSITY 43-15 11H TO ORELLANA 24H
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Time Log					
Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	06:00	24.00	RIGD	ACTIVE	<p>CLEAN MUD TANKS, DETOX RIG, DOCK TDS, LAY DOWN MOUSEHOLE, REMOVE CHOKE LINES, UNPLUG ALL LINES AND ROLL UP SET MOTOR PACKAGE OUT ,SET PUMPS OUT ,LAY DERRICK OVER AND DRESS FOR RIG MOVE ,RIG DOWN MISC. RELEASE RIG @ 6:00AM 12-15-14</p> <p>NO ACCIDENTS, NO INJURY, NO SPILLS *****ALL CREWS FULL*****</p> <p>HAZZARD HUNT : GROUND ROD WITH OUT COVER SEVERAL HOSES IN WALK WAYS BOARDS ON PALLETS FACE UP WITH NAILS STICKING OUT ALL ITEMS CORRECTED</p>