

**UNIVERSITY 48-11 4H**

Wellbore Name: OH

WEST UNRESTRICTED**CONFIDENTIAL****Partner Report****Report # 1 Date: 8/5/2014 06:00**

District MIDLAND BASIN	County REAGAN	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location SEC 11, BLK 48, UNIVERSITY LAND	API/UWI 4238338732	Latitude (°) 31° 6' 11.808" N	Longitude (°) 101° 18' 36.407" W	Ground Elev... 2,673.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,698.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 11,873.0	Authorized Depth TVD (ftKB)	API/UWI 4238338732
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Costs

WBS Number XX-101059.01.DRL;XX-101059.01.CMP;XX-101059.01.EQP;XX-101059.01.TIE	Planned Days (days) 14.50	Daily Cost (Cost) \$32,701	Cum To Date (Cost) \$32,701	Total WBS+Sup (Cost) \$4,313,797	Job % Complete (%) 6.9
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Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	1.00	\$32,701	\$32,701	\$1,690,770	\$1,658,069

Daily Operations

Rig					
CACTUS DRILLING COMPANY, 138					
Drilled Last 24 Hours (ft)	End Depth (ftKB)	End Depth (TVD) (ftKB)	DFS (days)	Report Number	Report End Date
	0.0		0.00	1	8/5/2014

Last Casing String

Status at 6 AM WAITING ON DAYLIGHT	24 Hour Forecast CONTINUE MOVING RIG
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Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	06:30	0.50	SAFETY	ACTIVE	HOLD SAFETY MEETING WITH CACTUS PERSONEL, DEVON PIC AND B&L RIG MOVERS
06:30	18:00	11.50	MOB	ACTIVE	RIG DOWN ON UNIVERSITY 48-17 1H R/D RIG FLOOR, MUD TANKS WIRES, WALKING PACKAGE, WATER TANKS, MUD PUMPS, TOP DRIVE HOUSE, ACCUMULATOR REMOVE PIPE WRANGLER AND HAUL SAME.LOWER DERRICK AND ROLE ALL CABLES ON DERRICK, REMOVE DOG HOUSE. BREAK DOWN DERRICK MAST CROWN AND LOAD ONTO TRUCKS, LOAD OUT TOP DRIVE HOUSE SCR HOUSE GRASS HOPPER SUIT CASES CHOKE MANIFOLD DEGASER AND MIS. EQUIPMENT ..SPOT MUD TANKS, PREMIX TANK, MUD PUMPS , GENERATORS SCR HOUSE WATER TANKS AND RIG UP SAME RIGGED DOWN-100% MOVED-75% SET IN-40% RIGGED UP-20% 24HOURS FROM RIG RELEASE 5.5MILE MOVE B&L TRUCKING ON LOCATION 12-TRUCKS 1- CRANE ON NEW LOCATION 2- CRANES ON OLD LOCATION 2TANDEM'S 2 POLE TRUCK'S 1 FORKLIFT ON OLD LOCATION 1 FORKLIFT ON NEW LOCATION SAFETY MAN ON LOCATION FOR 12 HOUR'S
18:00	06:00	12.00	SHUTDOWN	ACTIVE	WAITING ON DAYLIGHT

**UNIVERSITY 48-11 4H**

Wellbore Name: OH

WEST UNRESTRICTED**CONFIDENTIAL****Partner Report****Report # 2 Date: 8/6/2014 06:00**

District MIDLAND BASIN	County REAGAN	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location SEC 11, BLK 48, UNIVERSITY LAND	API/UWI 4238338732	Latitude (°) 31° 6' 11.808" N	Longitude (°) 101° 18' 36.407" W	Ground Elev... 2,673.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,698.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 11,873.0	Authorized Depth TVD (ftKB)	API/UWI 4238338732
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Costs

WBS Number XX-101059.01.DRL;XX-101059.01.CMP;XX-101059.01.EQP;XX-101059.01.TIE	Planned Days (days) 14.50	Daily Cost (Cost) \$37,921	Cum To Date (Cost) \$72,322	Total WBS+Sup (Cost) \$4,313,797	Job % Complete (%) 13.8
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Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	2.00	\$37,921	\$72,322	\$1,690,770	\$1,618,448

Daily Operations

Rig CACTUS DRILLING COMPANY, 138					
Drilled Last 24 Hours (ft)	End Depth (ftKB) 0.0	End Depth (TVD) (ftKB)	DFS (days) 0.00	Report Number 2	Report End Date 8/6/2014

Last Casing String

Status at 6 AM WAITING ON DAYLIGHT	24 Hour Forecast CONTINUE ROGGING UP ON THE UNIVERSITY 48-11 4H
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Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	06:30	0.50	SAFETY	ACTIVE	HOLD SAFETY MEETING WITH DEVON PIC, B&L RIG MOVERS, AND CACTUS PERSONEL
06:30	18:00	11.50	MOB	ACTIVE	SPOT SUBS AND ALL CENTER STEAL , PIN DERRICK AND DRESS OUT DERRICK , STRING UP BLOCK AND DRAW WORKS, RAISE "A" LEGS AND PIN BULL LINES, SET IN HYDRO SKID AND SPOOL SKID. PREPARE TO RAISE DERRICK. RIG UP BACK YARD EQUIPMENT AND MUD CLEANING EQUIPMENT. RIGGED DOWN-100% MOVED-100% SET IN-75% RIGGED UP-50% 48HOURS FROM RIG RELEASE 5.5 MILE MOVE B&L TRUCKING ON LOCATION 12-TRUCKS 2- CRANE ON NEW LOCATION 2TANDEM S 2 POLE TRUCK'S 1 FORKLIFT ON NEW LOCATION SAFETY MAN ON LOCATION FOR 12 HOUR'S
18:00	06:00	12.00	SHUTDOWN	ACTIVE	WAITING ON DAYLIGHT

**UNIVERSITY 48-11 4H**

Wellbore Name: OH

WEST UNRESTRICTED**CONFIDENTIAL****Partner Report****Report # 3 Date: 8/7/2014 06:00**

District MIDLAND BASIN	County REAGAN	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location SEC 11, BLK 48, UNIVERSITY LAND	API/UWI 4238338732	Latitude (°) 31° 6' 11.808" N	Longitude (°) 101° 18' 36.407" W	Ground Elev... 2,673.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,698.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 11,873.0	Authorized Depth TVD (ftKB)	API/UWI 4238338732
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Costs

WBS Number XX-101059.01.DRL;XX-101059.01.CMP;XX-101059.01.EQP;XX-101059.01.TIE	Planned Days (days) 14.50	Daily Cost (Cost) \$46,041	Cum To Date (Cost) \$118,363	Total WBS+Sup (Cost) \$4,313,797	Job % Complete (%) 20.7
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Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	3.00	\$46,041	\$118,363	\$1,690,770	\$1,572,407

Daily Operations

Rig CACTUS DRILLING COMPANY, 138					
Drilled Last 24 Hours (ft)	End Depth (ftKB) 0.0	End Depth (TVD) (ftKB)	DFS (days) 0.00	Report Number 3	Report End Date 8/7/2014

Status at 6 AM S/M WITH RIG CREW AND INSTALL BAIL'S AND ELEV.	24 Hour Forecast NIPPLE UP CONDUCTOR PIPE, P/U SURFACE BHA AND DRILL SURFACE SECTION, CIRC. HOLE CLEAN POOH
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Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	06:30	0.50	SAFETY	ACTIVE	HOLD SAFETY MEETING WITH DEVON PIC, B&L RIG MOVERS, AND CACTUS PERSONEL
06:30	06:00	23.50	MOB	ACTIVE	<p>HOOK UP ALL ELECTRICAL AND WATER LINE'S TO DRAW WORK'S, DRESS OUT DERRICK AND RAISE DERRICK, SET STAIRS, PORCHES, PIPE WRANGLER. SET BOPS AND HANG IN POSITION. SPOOL UP DRAW WORKS, INSTALL MOUSE HOLE, PICK UP ALL HANDLING TOOLS TO RIG FLOOR. RIG UP BACK YARD EQUIPMENT. SET KOOMY UNIT, INSTALL CABLES ON CATWALK, UNHANG BLOCK AND TOP DRIVE INSTALL RIG BAIL'S AND ELEVATOR'S ON TOP DRIVE AND INSTALL SERVICE LOOP AND KELLY HOSE FUNCTION TEST TOP DRIVE, R/U WIRE LINE UNIT, PERFORM 10 POINT CALIBRATIONS ON EDS SYSTEM, INSTALL AND TIGHTEN MUD LINE MANIFOLD AND HOOK UP VIBRATOR HOSE, FILL MUD TANK'S WITH WATER AND TEST LINE'S TO 2000 PSI. GOOD TEST,</p> <p>RIGGED DOWN-100% MOVED-100% SET IN-100% RIGGED UP-100% 72 HOURS FROM RIG RELEASE 5.5 MILE MOVE</p> <p>B&L TRUCKING ON LOCATION 1- CRANE ON NEW LOCATION 1TANDEM'S 1 POLE TRUCK'S 1 FORKLIFT ON NEW LOCATION</p> <p>SAFETY MAN ON LOCATION FOR 12 HOUR'S</p>

**UNIVERSITY 48-11 4H**

Wellbore Name: OH

WEST UNRESTRICTED**CONFIDENTIAL****Partner Report****Report # 5 Date: 8/9/2014 06:00**

District MIDLAND BASIN	County REAGAN	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location SEC 11, BLK 48, UNIVERSITY LAND	API/UWI 4238338732	Latitude (°) 31° 6' 11.808" N	Longitude (°) 101° 18' 36.407" W	Ground Elev... 2,673.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,698.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 11,873.0	Authorized Depth TVD (ftKB)	API/UWI 4238338732
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Costs

WBS Number XX-101059.01.DRL;XX-101059.01.CMP;XX-101059.01.EQP;XX-101059.01.TIE	Planned Days (days) 14.50	Daily Cost (Cost) \$134,874	Cum To Date (Cost) \$351,688	Total WBS+Sup (Cost) \$4,313,797	Job % Complete (%) 37.0
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Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	5.00	\$134,874	\$351,688	\$1,690,770	\$1,339,082

Daily Operations

Rig					
CACTUS DRILLING COMPANY, 138					
Drilled Last 24 Hours (ft)	0.00	End Depth (ftKB)	1,017.0	End Depth (TVD) (ftKB)	
				DFS (days)	1.40
				Report Number	5
				Report End Date	8/9/2014

Last Casing String SURFACE, 1,017.0ftKB	
Status at 6 AM TESTING BOPE	24 Hour Forecast CONTINUE TESTING BOPE, AND FINISH NIPPLING UP, TRANSFER OBM TO PIT'S, P/U VERTICAL BHA, TIH, DRILL FLOAT EQ. AND VERTICAL SECTION FROM 1,017'

Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	07:00	1.00	CIRC	ACTIVE	CIRCULATE 2 HIGH VIS SWEEPS AROUND AT 1,017 WHILE WORKING PIPE SLOWLY. 1ST SWEEP BROUGHT BACK 10% INCREASE IN CUTTINGS 2ND SWEEP BROUGHT BACK 5% INCREASE, CIRCULATE TILL SHAKERS CLEAN
07:00	09:00	2.00	TRIP	ACTIVE	PULL OUT OF HOLE ON ELEVATORS F/ 1,015' BACK REAMMING OUT OF HOLE TO 120' RPM=100 GPM=650 TQ=3K-5K
09:00	10:30	1.50	BHA	ACTIVE	BREAK AND LAY DOWN 3-8" DC 3-12 1/8" STABALIZERS, X-OVERS AND 12 1/4" VAREL BIT
10:30	11:00	0.50	RIGSVC	ACTIVE	REMOVE RIG BAIL'S AND ELEVATOR'S
11:00	12:00	1.00	SAFETY	ACTIVE	HELD SAFETY MEETING WITH RIG CREW AND TESCO PERSONNEL ON RIGGING UP CASING EQUIPMENT, AND RIG UP ALL CASING TOOL'S
12:00	14:30	2.50	CSG	ACTIVE	MAKE UP FLOAT COLLAR TO SHOE TRACK AND PUMP THREW FLOAT AND SHOE TO ENSURE CLEAR. RUN 9 5/8" J-55 LTC #40 CASING TO 1,017' TAG @ 1,017' W/ 20K TOP FLOAT COLLAR @ 969' SHOE SET @ 1,015'
14:30	15:30	1.00	CSG	ACTIVE	RIG DOWN CRT TOOL AND CASING EQUIPMENT AND RIG UP CEMENT HEAD AND CHICKSON'S
15:30	16:00	0.50	CIRC	ACTIVE	CIRC 1 1/2 TIMES THE CAPACITY OF THE CASING TO ENSURE FLOAT EQUIPMENT IS CLEAR PRIOR TO CEMENTING
16:00	16:30	0.50	SAFETY	ACTIVE	HELD SAFETY MEETING WITH BAKER HUGHES, CACTUS AND DEVON CO REP AND RIG UP ALL CEMENT EQUIPMENT
16:30	17:30	1.00	CMTPRI	ACTIVE	TEST STEEL LINES TO 2,500 PSI AND CEMENT 9 5/8 J-55 LTC #40 CASING, PUMP 20 BBLS FRESH WATER SPACER, 143 BBLS LEAD CEMENT @ 13.5 PPG @ 5.5 BPM, DROP PLUG AND DISPLACE WITH 73 BBLS FRESH WATER @ 3 BPM. PLUG BUMPED @ CAL-VOL BLEED BACK 1 BBL. FLOAT HELD WITH 51 BBLS CEMENT RETURNS TO SURFACE CEMENT CREW ON LOCATION @ 11:00 A.M. CHARGES STARTED @ 2:00 P.M. (14:00) CONTACT TRRC @ 02:50 ON 8/8/14 PRIOR TO CEMENTING 9 5/8" CASING OPERATOR- IJUANA
17:30	19:00	1.50	RIGSVC	ACTIVE	WASH THROUGH FLOW LINE TO REMOVE ALL CEMENT, OPEN VALVE ON CONDUCTOR PIPE TO DRAIN CEMENT, RIG DOWN BAKER HUGHES CEMENT TRUCK AND ALL CEMENT EQUIPMENT
19:00	20:30	1.50	WIRELINE	ACTIVE	RIG UP VES TO PERFORM WIRE GRYO AND RUN SAME
20:30	23:30	3.00	BOPS	ACTIVE	NIPPLE DOWN CONDUCTOR PIPE, REMOVE FLOW LINE, TURN BUCKLES, AND CUT SAME WITH WELDER AND LIFT UP TO CUT 9 5/8 CASING, AND CLEAN MUD TANK'S
23:30	01:30	2.00	BOPS	ACTIVE	MAKE FINIAL CUT ON 9 5/8" CASING, INSTALL 9 5/8"x11" 5K WELL HEAD AND TEST TO 2,000 PSI. TEST GOOD
01:30	05:00	3.50	BOPS	ACTIVE	RIG UP LONESTAR NIPPLE UP SERVICE, NIPPLING UP BOPS FLEX HOSE, CHOKE LINE, CUMMIE LINES & INSTALL HYDRAULIC LINES & FUNCTION TEST BOP'S



UNIVERSITY 48-11 4H
Wellbore Name: OH

WEST UNRESTRICTED
CONFIDENTIAL

Partner Report

Report # 5 Date: 8/9/2014 06:00

District MIDLAND BASIN	County REAGAN	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location SEC 11, BLK 48, UNIVERSITY LAND	API/UWI 4238338732	Latitude (°) 31° 6' 11.808" N	Longitude (°) 101° 18' 36.407" W	Ground Elev... 2,673.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,698.00	Tubing Head Elevation (ft)

Time Log						
Start Time	End Time	Dur (hr)	Operation	Ops Status	Description	
05:00	06:00	1.00	BOPS	ACTIVE	TEST ALL RAMS ON STACK 250 LOW 5000 HIGH, TEST HYDRILL 250 LOW 3500 HIGH, TEST ALL VALVES ON CHOKE 250 LOW 5000 HIGH. HELD EACH TEST 10 MIN. (LOW AND HIGH), GOOD TEST ON ALL EQUIPMENT,CO MAN PRESENT DURING ALL TESTING DEVON SAFETY MAN ON LOCATION FOR 8 HOUR`S NO ACCIDENT`S, INCIDENTS ARE SPILL`S AT REPORT TIME	

**UNIVERSITY 48-11 4H**

Wellbore Name: OH

WEST UNRESTRICTED**CONFIDENTIAL****Partner Report****Report # 6 Date: 8/10/2014 06:00**

District MIDLAND BASIN	County REAGAN	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location SEC 11, BLK 48, UNIVERSITY LAND	API/UWI 4238338732	Latitude (°) 31° 6' 11.808" N	Longitude (°) 101° 18' 36.407" W	Ground Elev... 2,673.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,698.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 11,873.0	Authorized Depth TVD (ftKB)	API/UWI 4238338732
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Costs

WBS Number XX-101059.01.DRL;XX-101059.01.CMP;XX-101059.01.EQP;XX-101059.01.TIE	Planned Days (days) 14.50	Daily Cost (Cost) \$66,795	Cum To Date (Cost) \$418,483	Total WBS+Sup (Cost) \$4,313,797	Job % Complete (%) 45.9
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Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	6.00	\$66,795	\$418,483	\$1,690,770	\$1,272,287

Daily Operations

Rig					
CACTUS DRILLING COMPANY, 138					
Drilled Last 24 Hours (ft)	End Depth (ftKB)	End Depth (TVD) (ftKB)	DFS (days)	Report Number	Report End Date
2,583.00	3,600.0		2.40	6	8/10/2014

Last Casing String SURFACE, 1,017.0ftKB
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Status at 6 AM DRILLING VERTICAL SECTION AT 3,600'	24 Hour Forecast DRILL VERTICAL SECTION FROM 3,600'
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Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	09:00	3.00	BOPS	ACTIVE	CONTINUE TESTING ALL RAMS ON STACK 250 LOW 5000 HIGH, TEST HYDRILL 250 LOW 3500 HIGH, TEST ALL VALVES ON CHOKE 250 LOW 5000 HIGH. HELD EACH TEST 10 MIN. (LOW AND HIGH), GOOD TEST ON ALL EQUIPMENT TEST SURFACE CASING TO 500 PSI HOLD ON CHART FOR 30 MIN. CO MAN PRESENT DURING ALL TESTING
09:00	14:00	5.00	BOPS	ACTIVE	FINISH INSTALLING FLOW LINE. INSTALL TURN BUCKLES AND, INSTALL KATCH KAN, INSTALL RIG BAILS AND ELEVATORS. INSTALL MOUSE HOLE. INSTALL 2" BLEED OFF TO FLOW LINE, INSTALL GAS BUSTER LINES. CENTER STACK
14:00	16:00	2.00	BHA	ACTIVE	PICK UP VERTICAL BHA, PICK UP 1.50 HIGH SPEED MOTOR, INSTALL EM SURVEY TOOL AND SURFACE TEST WITH 400 GPM. GOOD TEST, MAKE UP 8 3/4 VAREL 616PD1U7 BIT
16:00	17:00	1.00	TRIP	ACTIVE	TRIPPING IN HOLE FROM 117' TO 967' TAG CEMENT
17:00	18:00	1.00	RMWASH	ACTIVE	DRILL CEMENT FROM 967' TO 1,017', TAG FLOAT AT 969' AND SHOE AT 1,016' AND DRILL SAME WHILE DISPLACING SPUD MUD WITH OBM
18:00	06:00	12.00	DRLG	ACTIVE	ROTATE AND SLIDE 8 3/4" VERTICAL SECTION FROM 1,017' TO 3,600' @ 2,583' FPH, WOB=25, GPM=600, RPM=90, TQ=9,500 STKS=140, PSI=3,000. LAST SAMPLE @ 3,225' 90% SHALE 10% DOLOMITE LAST SURVEY= 3,262' TVD= 3,251' INC= 5.69 AZM.= 87.28 AHEAD= 19.6 LEFT=4.5 SLIDE= 136' ROTATE=2,447' TOTAL=2,583' DEVON SAFETY MAN ON LOCATION FOR 2 HOUR'S NO SPILL'S, ACCIDENT'S OR INCIDENT'S AT REPORT TIME

**UNIVERSITY 48-11 4H**

Wellbore Name: OH

WEST UNRESTRICTED**CONFIDENTIAL****Partner Report****Report # 7 Date: 8/11/2014 06:00**

District MIDLAND BASIN	County REAGAN	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location SEC 11, BLK 48, UNIVERSITY LAND	API/UWI 4238338732	Latitude (°) 31° 6' 11.808" N	Longitude (°) 101° 18' 36.407" W	Ground Elev... 2,673.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,698.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 11,873.0	Authorized Depth TVD (ftKB)	API/UWI 4238338732
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Costs

WBS Number XX-101059.01.DRL;XX-101059.01.CMP;XX-101059.01.EQP;XX-101059.01.TIE	Planned Days (days) 14.50	Daily Cost (Cost) \$106,796	Cum To Date (Cost) \$534,318	Total WBS+Sup (Cost) \$4,313,797	Job % Complete (%) 53.9
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Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	7.00	\$106,796	\$534,318	\$1,690,770	\$1,156,452

Daily Operations

Rig					
CACTUS DRILLING COMPANY, 138					
Drilled Last 24 Hours (ft)	End Depth (ftKB)	End Depth (TVD) (ftKB)	DFS (days)	Report Number	Report End Date
1,946.00	5,546.0		3.40	7	8/11/2014

Last Casing String SURFACE, 1,017.0ftKB
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Status at 6 AM DRILLING VERTICAL SECTION AT 5,546'	24 Hour Forecast DRILL VERTICAL SECTION FROM 5,546', DRILL CURVE SECTION
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Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	06:30	0.50	RIGSVC	ACTIVE	SERVICE RIG AND TOP DRIVE
06:30	19:30	13.00	DRLG	ACTIVE	ROTATE AND SLIDE 8 3/4" VERTICAL SECTION FROM 3,600' TO 5,446' @ 1,846' FPH, WOB=35, GPM=620, RPM=90, TQ=11,500 STKS=140, PSI=3,400., AT 5,446' RATE OF PENETRATION SLOWED DOWN TO 30-60 FPH, DECISION WAS MADE TO PULL OUT OF THE HOLE LAST SAMPLE @5,446' 100% SHALE LAST SURVEY= 5,351' TVD= 5,333' INC= 4.66 AZM.= 85.42 AHEAD= 2.4 RIGHT=.6 SLIDE= 210' ROTATE=1,636' TOTAL=1,846'
19:30	21:00	1.50	CIRC	ACTIVE	CIRCULATE 2 HIGH VISCOSITY SWEEPS AT 5,446' TO CLEAN HOLE, 1ST SWEEP CAME BACK 10% INCREASE IN SMALL CUTTINGS, 2ND SWEEP CAME BACK 5% INCREASE I N SMALL CUTTINGS, CIRCULATE TILL SHAKERS CLEAN
21:00	00:00	3.00	TRIP	ACTIVE	PULL OUT OF HOLE ON ELEVATORS FROM 5,446' TO 127', HOLE SLICK AND TOOK PROPER FILL UPS
00:00	01:30	1.50	BHA	ACTIVE	LAY DOWN 1.50 VERTICAL MOTOR AND BIT, FUNCTION TEST BOP'S, PICK UP 1.83 VERTICAL/CURVE/LATERAL MOTOR AND MM64D BIT TEST MOTOR 400 GPM, GOOD TEST
01:30	04:00	2.50	TRIP	ACTIVE	TRIP IN HOLE ON ELEVATORS FROM 127' TO 4,300'. FILLING PIPE EVERY 2,000'
04:00	05:00	1.00	DPIPE	ACTIVE	PICK UP 45 JOINTS OF 5" DP FROM 4,300' TO 5,446' HOLE SLICK AND TOOK PROPER FILL
05:00	06:00	1.00	DRLG	ACTIVE	ROTATE AND SLIDE 8 3/4" VERTICAL SECTION FROM 5,446' TO 5,546' @ 100' FPH, WOB=20, GPM=600, RPM=70, TQ=7000 STKS=120, PSI=2,700. SAFETY MAN ON LOCATION FOR 0 HOUR'S NO ACCIDENT'S, INCIDENT'S ARE SPILL'S AT REPORT TIME HAZARD HUNT=ELECTRIC WIRE RUNNING ALONG THE CATWALK THAT RUN'S THE LIGHT'S AT THE HYDRAULIC UNIT, WAS NOT RUN IN THE PROPER PLACE THE WIRE COULD GET CUT ARE DROP A SUB ARE TOOL'S ON, MOVED WIRE OUT OF HARM'S WAY



UNIVERSITY 48-11 4H
Wellbore Name: OH

WEST UNRESTRICTED
CONFIDENTIAL

Partner Report

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

District MIDLAND BASIN	County REAGAN	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location SEC 11, BLK 48, UNIVERSITY LAND	API/UWI 4238338732	Latitude (°) 31° 6' 11.808" N	Longitude (°) 101° 18' 36.407" W	Ground Elev... 2,673.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,698.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 11,873.0	Authorized Depth TVD (ftKB)	API/UWI 4238338732
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Costs

WBS Number XX-101059.01.DRL;XX-101059.01.CMP;XX-101059.01.EQP;XX-101059.01.TIE	Planned Days (days) 14.50	Daily Cost (Cost) \$115,408	Cum To Date (Cost) \$657,927	Total WBS+Sup (Cost) \$4,313,797	Job % Complete (%) 61.4
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Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	8.00	\$115,408	\$657,927	\$1,690,770	\$1,032,843

Daily Operations

Rig CACTUS DRILLING COMPANY, 138					
Drilled Last 24 Hours (ft)	End Depth (ftKB)	End Depth (TVD) (ftKB)	DFS (days)	Report Number	Report End Date
1,734.00	7,280.0		4.40	8	8/12/2014

Last Casing String SURFACE, 1,017.0ftKB
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Status at 6 AM DRILLING CURVE SECTION AT 7,280"	24 Hour Forecast DRILL CURVE AND LATERAL SECTION FROM 7,280'
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Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	13:00	7.00	DRLG	ACTIVE	ROTATE AND SLIDE 8 3/4" VERTICAL SECTION FROM 5,546' TO 6,465' @ 919' FPH, WOB=25, GPM=550, RPM=90, TQ=10,000 STKS=140, PSI=2,950 LAST SURVEY= 6,365' TVD= 6,343' INC= 5.07 AZM.= 99.49 BEHIND=.1 RIGHT=.6
13:00	06:00	17.00	DRLG	ACTIVE	ROTATE AND SLIDE 8 3/4" CURVE SECTION FROM 6,460' TO 7,280', 820' @ 48' FPH, WOB=20, GPM=500, RPM=0, STKS=120, PSI=2480 AT 19:30 PLAN WAS REVISED TO PLAN #2 RAISING 20' AT 23:15 CHANGED DRILLING WINDOW TO 0 TO 20' ABOVE PLAN LINE LAST LITHOLOGY SAMPLE @ 7,050' 90% LIMEY SHALE 10% LIMESTONE LAST SURVEY @ 7,091' TVD= 6,961' INC=61.77 AZM.= 6.21 AHEAD=5.6 RIGHT=53.5 MOTOR YIELD=12.27 NTL=9.6 BIT PROJECTION=7,154' INC=69.00 AZM=5 AHEAD=6.6 RIGHT=56.5 LAST 24 HR. FOOTAGE=1,739' SLIDE= 860' ROTATE=879' SAFETY MAN ON LOCATION FOR 3 HOUR'S NO ACCIDENT'S, INCIDENT'S ARE SPILL'S AT REPORT TIME

**UNIVERSITY 48-11 4H**

Wellbore Name: OH

WEST UNRESTRICTED**CONFIDENTIAL****Partner Report****Report # 9 Date: 8/13/2014 06:00**

District MIDLAND BASIN	County REAGAN	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location SEC 11, BLK 48, UNIVERSITY LAND	API/UWI 4238338732	Latitude (°) 31° 6' 11.808" N	Longitude (°) 101° 18' 36.407" W	Ground Elev... 2,673.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,698.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 11,873.0	Authorized Depth TVD (ftKB)	API/UWI 4238338732
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Costs

WBS Number XX-101059.01.DRL;XX-101059.01.CMP;XX-101059.01.EQP;XX-101059.01.TIE	Planned Days (days) 14.50	Daily Cost (Cost) \$110,900	Cum To Date (Cost) \$768,827	Total WBS+Sup (Cost) \$4,313,797	Job % Complete (%) 73.6
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Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	9.00	\$110,900	\$768,827	\$1,690,770	\$921,943

Daily Operations

Rig					
CACTUS DRILLING COMPANY, 138					
Drilled Last 24 Hours (ft)	End Depth (ftKB)	End Depth (TVD) (ftKB)	DFS (days)	Report Number	Report End Date
3,260.00	10,540.0		5.40	9	8/13/2014

Last Casing String SURFACE, 1,017.0ftKB
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Status at 6 AM DRILLING LATERAL SECTION AT 10,540'	24 Hour Forecast DRILL LATERAL SECTION FROM 10,540', PERFORM CLEAN UP CYCLE, POOH
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Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	06:30	0.50	RIGSVC	ACTIVE	SERVICE RIG AND TOP DRIVE
06:30	09:30	3.00	DRLG	ACTIVE	ROTATE AND SLIDE 8 3/4" CURVE SECTION FROM 7,280' TO 7,374', 94' @ 31' FPH, WOB=20, GPM=500, RPM=0, STKS=120, PSI=2480 PLAN #2, 0-20' ABOVE PLAN LINE LAST SURVEY @ 7,374' TVD= 7,036' INC=84.24 AZM.= 1.17 AHEAD=7 LEFT=15 MOTOR YIELD=11.50 NTL=LANDED
09:30	13:00	3.50	DRLG	ACTIVE	ROTATE AND SLIDE 8 3/4" LATERAL SECTION FROM 7,374' TO 8,132' (758'TOTAL FEET DRILLED) @ 252' FPH, WOB=25, GPM=550, DIFF=450,STKS=140, PSI=3300, RPM=90
13:00	14:00	1.00	SAFETY	ACTIVE	HELD A SAFETY MEETING WITH DEVON, CACTUS DRILLING AND ALL VENDOR'S, DISCUSSED CASING SAFETY, HEAT STRESS, FR CLOTHING, TRUCK SAFETY
14:00	06:00	16.00	DRLG	ACTIVE	ROTATE AND SLIDE 8 3/4" LATERAL SECTION FROM 8,132' TO 10,540' (2,408'TOTAL FEET DRILLED) @ 150 FPH, WOB=25, GPM=530, DIFF=500,STKS=130, PSI=3300, RPM=90 PLAN CHANGE @ 10:17 PM 10' ABOVE & 10' BELOW PLANED LINE LAST SAMPLE @ 10,220' 100% SHALE CURRENTLY ON PLANE # 3 LAST SURVEY @ 10,249' TVD=7,053' INC.=87.92 AZM.=356.68 LOW= 4.8 RIGHT=5.5 FOOTAGE LAST 24 HRS= 2,502' SLIDE=387' ROTATE=2,115' SAFETY MAN ON LOCATION FOR 0 HOUR'S NO ACCIDENT'S, INCIDENT'S ARE SPILL'S AT REPORT TIME



UNIVERSITY 48-11 4H

Wellbore Name: OH

WEST UNRESTRICTED

CONFIDENTIAL

Partner Report

Report # 10 Date: 8/14/2014 06:00

District MIDLAND BASIN	County REAGAN	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location SEC 11, BLK 48, UNIVERSITY LAND	API/UWI 4238338732	Latitude (°) 31° 6' 11.808" N	Longitude (°) 101° 18' 36.407" W	Ground Elev... 2,673.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,698.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 11,873.0	Authorized Depth TVD (ftKB)	API/UWI 4238338732
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Costs

WBS Number XX-101059.01.DRL;XX-101059.01.CMP;XX-101059.01.EQP;XX-101059.01.TIE	Planned Days (days) 14.50	Daily Cost (Cost) \$121,143	Cum To Date (Cost) \$889,970	Total WBS+Sup (Cost) \$4,313,797	Job % Complete (%) 83.9
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Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	10.00	\$121,143	\$889,970	\$1,690,770	\$800,800

Daily Operations

Rig					
CACTUS DRILLING COMPANY, 138					
Drilled Last 24 Hours (ft)	End Depth (ftKB)	End Depth (TVD) (ftKB)	DFS (days)	Report Number	Report End Date
1,321.00	11,861.0	7,066.7	6.40	10	8/14/2014

Last Casing String SURFACE, 1,017.0ftKB	
Status at 6 AM RIGGING UP CASING CREW	24 Hour Forecast RUN 5.5 PROD. CASING, CIRC. CEMENT 5.5 PROD. CASING, NIPPLE DOWN BOPE, SET SLIP'S INSTALL CAP

Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	06:30	0.50	RIGSVC	ACTIVE	SERVICE RIG AND OP DRIVE
06:30	16:00	9.50	DRLG	ACTIVE	ROTATE AND SLIDE 8 3/4" LATERAL SECTION FROM 10,540' TO 11,861' (1,321'TOTAL FEET DRILLED) @ 139 FPH, WOB=25, GPM=530, DIFF=500,STKS=130, PSI=3300, RPM=90 PLAN CHANGE @ 12:57 PM NEW WINDOW 0' TO 20' BELOW LINE LAST SAMPLE @ 11,861' 100% SHALE CURRENTLY ON PLAN # 3 LAST SURVEY @ 11,861' TVD=7,067' INC.=90.94 AZM.=1.14 LOW= 3.8 RIGHT=14.8 FOOTAGE LAST 24 HRS= 1,321' SLIDE=109' ROTATE=1,212'
16:00	22:00	6.00	CIRC	ACTIVE	CIRCULATE 6 HOUR CLEAN UP CYCLE @ 11,861' RECIPROCATING PIPE 1.5 MIN A STAND RPM-90 GPM-600 PUMPING HIGH VIS SWEEPS, 1 ST SWEEP BRINGING BACK 40% INCREASE IN COFFEE SIZE CUTTINGS, 2 ND SWEEP BRINGING BACK 30% INCREASE IN COFFEE SIZE CUTTINGS, 3RD SWEEP BRINGING BACK 10% INCREASE IN COFFEE SIZE CUTTINGS, 4TH SWEEP BRINGING BACK 5% INCREASE IN COFFEE SIZE CUTTINGS, SHAKERS CLEAN
22:00	04:00	6.00	TRIP	ACTIVE	TRIP OUT OF HOLE WITH DRILL PIPE FROM 11,861' TO 118' ON ELEVATOR'S WHILE MONITORING LATERAL PUSO HOLE SLICK AND TAKING PROPER FILL, STRAPPED OUT OF HOLE
04:00	05:30	1.50	BHA	ACTIVE	LAY DOWN LATERAL BHA AND ALL DIRECTIONAL TOOLS
05:30	06:00	0.50	RIGSVC	ACTIVE	PULL WEAR BUSHING AND REMOVE RIG BAIL'S, ELEVATOR'S AND CLEAR RIG FLOOR OF HANDLING TOOL'S SAFETY MAN ON LOCATION FOR 2 HOUR'S NO ACCIDENT'S, INCIDENT'S ARE SPILL'S AT REPORT TIME

**UNIVERSITY 48-11 4H**

Wellbore Name: OH

WEST UNRESTRICTED**CONFIDENTIAL****Partner Report****Report # 11 Date: 8/15/2014 06:00**

District MIDLAND BASIN	County REAGAN	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location SEC 11, BLK 48, UNIVERSITY LAND	API/UWI 4238338732	Latitude (°) 31° 6' 11.808" N	Longitude (°) 101° 18' 36.407" W	Ground Elev... 2,673.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,698.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 11,873.0	Authorized Depth TVD (ftKB)	API/UWI 4238338732
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Costs

WBS Number XX-101059.01.DRL;XX-101059.01.CMP;XX-101059.01.EQP;XX-101059.01.TIE	Planned Days (days) 14.50	Daily Cost (Cost) \$398,185	Cum To Date (Cost) \$1,288,856	Total WBS+Sup (Cost) \$4,313,797	Job % Complete (%) 92.3
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Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	11.00	\$398,185	\$1,288,856	\$1,690,770	\$401,914

Daily Operations

Rig					
CACTUS DRILLING COMPANY, 138					
Drilled Last 24 Hours (ft)	End Depth (ftKB)	End Depth (TVD) (ftKB)	DFS (days)	Report Number	Report End Date
0.00	11,861.0	7,066.7	7.40	11	8/15/2014

Last Casing String PRODUCTION 1, 11,861.0ftKB
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Status at 6 AM RELEASE RIG	24 Hour Forecast SKID TO THE UNIVERSITY 48-11 3H
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Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	06:30	0.50	SAFETY	ACTIVE	SAFETY MEETING WITH TESCO, RIG CREWS, AND DEVON
06:30	07:30	1.00	CSG	ACTIVE	RIG UP CRT, AND CASING TOOLS TO RUN 5 1/2" P110 17# DWC/C PRODUCTION CASING AND RIG UP ALL CASING EQUIPMENT
07:30	20:00	12.50	CSG	ACTIVE	MAKE UP SHOE TRACK AND EXPRO FRACK SLEEVE, TORQUE 5,500 F/LBS, BREAK CIRCULATION THROUGH SHOE AND FLOAT EQUIPMENT AND RUN 5 1/2" P110 17# DWC/C CASING FROM 87' TO 11,861', TORQUE CASING TO 12,900 FT LBS WITH TORQUE TURN MONITORING . FILLING PIPE EVERY 2,000',
					TAG BOTTOM AT 11,861' WITH 20K TOP OFF FLOAT COLLAR AT 11,810' TOP OF SHOE AT 11,858' TOP OF MARKER JOINT AT 6,461' FRACK SLEEVE AT 11,760' SET CASING AT 11,861'
20:00	21:30	1.50	RIGSVC	ACTIVE	RIG DOWN CRT TOOL AND RIG UP BAIL'S AND ELEVATOR'S, INSTALLED CEMENT HEAD AND CHICKSON'S
21:30	22:30	1.00	CIRC	ACTIVE	CIRC 1 1/2 TIMES THE CAPICTY OF THE CASING TO ENSURE FLOAT EQUIPMENT IS CLEAR PRIOR TO CEMENTING 5.5" PRODUCTION CASING
22:30	23:00	0.50	SAFETY	ACTIVE	HELD A SAFETY MEETING WITH BAKER, CACTUS DRILLING AND DEVON, ON CEMENTING 5.5 PRODUCTION CASING
23:00	02:30	3.50	CMTPRI	ACTIVE	CEMENT 5 1/2" 17LB P-110 DWC/C 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, 770 SKS 11.8 PPG LEAD SLURRY 50:50 POZ CLASS H, YIELD 2.40 , 1,275 SACKS 14.2 PPG YIELD 1.28 TAIL SLURRY POZ CLASS H 50:50, ONCE PRESSURE WAS CAUGHT UP WITH SLOWED DOWN TO 3 BPM THROUGH OUT DISPLACEMENT, FULL RETURNS THROUGH OUT JOB, 60 BBL'S OF CEMENT BACK, PLUG DID NOT BUMP AT CAL. BBL'S (274 BBL'S), 2 BBL'S BLEED BACK, FLOAT HELD
					CONTACTED TRRC PRIOR TO CEMENTING 8/14/14 @ 8.30 SPOKE WITH IVEY
02:30	03:30	1.00	RIGSVC	ACTIVE	WASH THROUGH STACK AND FLOW LINE AND ALL EQUIPMENT TO MAKE SURE NO CEMENT IN BOP AND RIG DOWN BAKER HUGHES CEMENT TRUCK AND ALL CEMENT EQUIPMENT
03:30	06:00	2.50	BOPS	ACTIVE	RIG UP LONESTAR NIPPLE UP CREW NIPPLE DOWN BOPS, TAKE OFF FLOW LINE, HYDRAULIC LINES, TURNBUCKLES, POLLUTION PAN, BREAK BOLTS ON STACK AND RAISE STACK SET SLIPS 120K IN WELL HEAD CUT CASING AND INSTALL DRY HOLE CAP TEST TO 4000 PSI CO MAN WITNESS TEST . RELEASE RIG AT 6am