



**UNIVERSITY 49-1 6H**  
Wellbore Name: OH

**WEST UNRESTRICTED**  
**CONFIDENTIAL**

**Partner Report**

**Report # 3 Date: 4/3/2014 06:00**

District PERMIAN BASIN	County REAGAN	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location SEC 1, BLK 49, UNIVERSITY LAND	API/UWI 4238338628	Latitude (°) 31° 7' 52.934" N	Longitude (°) 101° 23' 24.782" W	Ground Elev... 2,761.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,786.00	Tubing Head Elevation (ft)

**Jobs**

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB)	Authorized Depth TVD (ftKB)	API/UWI 4238338628
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**Costs**

WBS Number XX-101082.01.SLC;XX-101082.01.DRL;XX-101082.01.CMP;XX-101082.01.EQP;XX-101082.01.TIE	Planned Days (days) 15.50	Daily Cost (Cost) \$46,264	Cum To Date (Cost) \$135,989	Total WBS+Sup (Cost) \$4,339,797	Job % Complete (%) 17.7
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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	2.79	\$46,264	\$135,989	\$1,234,000	\$1,098,011

**Daily Operations**

Rig PRO OILFIELD SERVICES, 1											
Drilled Last 24 Hours (ft)	0.00	End Depth (ftKB)	985.0	End Depth (TVD) (ftKB)	984.9	DFS (days)	2.29	Report Number	3	Report End Date	4/3/2014
Last Casing String											
Status at 6 AM OPENING HOLE @ 985						24 Hour Forecast OPEN HOLE FROM 985' TO 1034' (TD) WITH A 25' (KB),RUN 13 3/8" SURFACE CASING,CEMENT,WAIT ON CEMENT, RUN GYRO AND TEMPERATURE SURVEY, PERFORM A CEMENT TOP OFF JOB, CUT AND CAP CASING.RELEASE RIG.					

**Time Log**

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	06:00	24.00	HLOPEN	ACTIVE	OPEN HOLE FROM 55' TO 985'.  BOTH CREWS FULL NO INCIDENTS/ACCIDENTS



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**Partner Report**

**Report # 4 Date: 4/4/2014 00:30**

District	County	Field Name	Project Group	State/Province			
PERMIAN BASIN	REAGAN	LIN (WOLFCAMP)	PB TEXAS EAST	TX			
Surface Legal Location	API/UWI	Latitude (°)	Longitude (°)	Ground Elev...	KB - GL (ft)	Orig KB Elev (ft)	Tubing Head Elevation (ft)
SEC 1, BLK 49, UNIVERSITY LAND	4238338628	31° 7' 52.934" N	101° 23' 24.782" W	2,761.00	25.00	2,786.00	

**Jobs**

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB)	Authorized Depth TVD (ftKB)	API/UWI 4238338628
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**Costs**

WBS Number XX-101082.01.SLC;XX-101082.01.DRL;XX-101082.01.CMP;XX-101082.01.EQP;XX-101082.01.TIE	Planned Days (days) 15.50	Daily Cost (Cost) \$106,264	Cum To Date (Cost) \$242,253	Total WBS+Sup (Cost) \$4,339,797	Job % Complete (%) 22.9
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	3.56	\$106,264	\$242,253	\$1,234,000	\$991,747

**Daily Operations**

Rig PRO OILFIELD SERVICES, 1					
Drilled Last 24 Hours (ft) 0.00	End Depth (ftKB) 1,034.0	End Depth (TVD) (ftKB)	DFS (days) 3.06	Report Number 4	Report End Date 4/4/2014
Last Casing String SURFACE, 1,034.0ftKB					
Status at 6 AM RELEASE RIG			24 Hour Forecast MOVE TO THE CORTES 11 & 12H LEASE		

**Time Log**

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	10:00	4.00	HLOPEN	ACTIVE	OPEN HOLE FROM 985' TO 1034' (TD) WITH A 25' (KB) NO CIRCULATION THROUGH OUT JOB WITH HOLE OPENER.
10:00	10:30	0.50	CIRC	ACTIVE	PUMP HI-VIS SWEEPS WITHOUT CIRCULATION.
10:30	13:30	3.00	DPIPE	ACTIVE	LAY DOWN 27 JTS OF DRILL PIPE AND BHA.
13:30	14:00	0.50	SAFETY	ACTIVE	HELD SAFETY MEETING ON RUNNING 1,034' OF 13 3/8" SURFACE CASING WITH A KB OF 25' AND RIG UP SAME.
14:00	16:00	2.00	CSG	ACTIVE	MAKE UP SHOE AND FLOAT AND RUN 1,034' OF 13 3/8" SURFACE CASING WITH A KB OF 25'.
16:00	17:00	1.00	CIRC	ACTIVE	PUMP 2 X THE CAPACITY OF SURFACE CASING WITHOUT RETURNS.
17:00	18:00	1.00	CMTPRI	ACTIVE	HOLD SAFTY MEETING WITH PRO HANDS AND BAKER CEMENTERS, RIG UP HEAD AND EQUIPMENT, TEST STEEL LINES TO 3,000 PSI AND CEMENT 13 3/8 CASING. PUMP 20 BBLS FRESH WATER SPACER, 400 BBLS TAIL CEMENT @ 13.5 PPG (1285 SACKS) @ 4.8 BPM, DROP PLUG AND DISPLACE WITH 150 BBLS FRESH WATER. PLUG BUMPED @ CAL -VOL BLEED BACK 1 BBL. FLOAT HELD, RIG DOWN CEMENTERS AND EQUIPMENT. FLOAT HELD
18:00	22:00	4.00	CMTPRI	ACTIVE	WAIT 4 HOURS ON CEMENT.
22:00	23:00	1.00	DEVSUR	ACTIVE	RUN GYRO AND TEMPERATURE SURVEY. TOP OF CEMENT WAS AT 410'
23:00	00:00	1.00	CMTPRI	ACTIVE	TOP OUT SURFACE CASING WITH 220' OF 1" PIPE. PUMP 47 BBLS ( 200 SACKS ) WITH 7 BBLS OF CEMENT TO SURFACE (29 SKS)
00:00	00:30	0.50	RIGD	ACTIVE	CONTACT TRRC @ 23:00 HRS 4/3/14 PRIOR TO TOPPING OFF TALKED TO BRAIN FLOYD JOB#- 2606 CUT AND CAP CASING, RELEASE RIG @ 00:30 4/4/14 BOTH CRES FULL NO INCIDENTS/ACCIDENTS



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**Partner Report**

**Report # 5 Date: 4/5/2014 06:00**

District	County	Field Name	Project Group	State/Province			
PERMIAN BASIN	REAGAN	LIN (WOLFCAMP)	PB TEXAS EAST	TX			
Surface Legal Location	API/UWI	Latitude (°)	Longitude (°)	Ground Elev...	KB - GL (ft)	Orig KB Elev (ft)	Tubing Head Elevation (ft)
SEC 1, BLK 49, UNIVERSITY LAND	4238338628	31° 7' 52.934" N	101° 23' 24.782" W	2,761.00	25.00	2,786.00	

**Jobs**

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB)	Authorized Depth TVD (ftKB)	API/UWI 4238338628
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**Costs**

WBS Number XX-101082.01.SLC;XX-101082.01.DRL;XX-101082.01.CMP;XX-101082.01.EQP;XX-101082.01.TIE	Planned Days (days) 15.50	Daily Cost (Cost) \$33,351	Cum To Date (Cost) \$277,319	Total WBS+Sup (Cost) \$4,339,797	Job % Complete (%) 33.6
Job Phase DRILLING	Cum Duration (days) 4.56	Field Est this Report (Cost) \$33,351	Cum Phase Costs (Cost) \$277,319	Planned Cost (Cost) \$1,234,000	Cost Variance (Cost) \$956,681

**Daily Operations**

Rig CACTUS DRILLING COMPANY, 138					
Drilled Last 24 Hours (ft) 0.00	End Depth (ftKB) 1,034.0	End Depth (TVD) (ftKB)	DFS (days) 4.29	Report Number 5	Report End Date 4/5/2014
Last Casing String SURFACE, 1,034.0ftKB					
Status at 6 AM WAITING ON DAY LIGHT			24 Hour Forecast RIG UP ON UNIVERSITY 49-1 6H		

**Time Log**

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	06:30	0.50	SAFETY	ACTIVE	SAFETY MEETING WITH DEVON ENERGY, CACTUS DRILLING, LIGHTING TRUCKING RIG DOWN ON CORDOBA NORTH 1H , R/D RIG FLOOR, MUD TANKS WIRES, WALKING PACKAGE, WATER TANKS, MUD PUMPS, TOP DRIVE HOUSE, ACCUMULATOR REMOVE PIPE WRANGLER AND HAUL SAME. ROLE ALL CABLES ON DERRICK AND SPLIT DERRICK, REMOVE DOG HOUSE ALL CENTER STEEL HAUL OUT ALL MISS EQUIPMENT AND MUD TANK'S, WATER TANKS PREMIX...  RIGGED DOWN- 100% MOVED- 75% SET IN- 0% RIGGED UP-0% 48 MILE MOVE 24 HOURS FROM RIG RELEASE  LIGHTING TRUCKING ON LOCATION 10-TRUCKS 1- CRANE ON NEW LOCATION 2- CRANES ON OLD LOCATION 2 TANDEM'S 1 POLE TRUCK'S 1 FORKLIFT ON OLD LOCATION 1 FORKLIFT ON NEW LOCATION SAFETY MAN ON LOCATION FOR 12 HOUR'S
06:30	18:30	12.00	MOB	ACTIVE	
18:30	06:00	11.50	SHUTDOWN	ACTIVE	
					WAITING ON DAYLIGHT



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**Partner Report**

**Report # 6 Date: 4/6/2014 06:00**

District PERMIAN BASIN	County REAGAN	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location SEC 1, BLK 49, UNIVERSITY LAND	API/UWI 4238338628	Latitude (°) 31° 7' 52.934" N	Longitude (°) 101° 23' 24.782" W	Ground Elev... 2,761.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,786.00	Tubing Head Elevation (ft)

**Jobs**

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB)	Authorized Depth TVD (ftKB)	API/UWI 4238338628
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**Costs**

WBS Number XX-101082.01.SLC;XX-101082.01.DRL;XX-101082.01.CMP;XX-101082.01.EQP;XX-101082.01.TIE	Planned Days (days) 15.50	Daily Cost (Cost) \$34,824	Cum To Date (Cost) \$312,143	Total WBS+Sup (Cost) \$4,339,797	Job % Complete (%) 38.2
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	5.56	\$34,824	\$312,143	\$1,234,000	\$921,857

**Daily Operations**

Rig CACTUS DRILLING COMPANY, 138					
Drilled Last 24 Hours (ft) 0.00	End Depth (ftKB) 1,034.0	End Depth (TVD) (ftKB)	DFS (days) 5.29	Report Number 6	Report End Date 4/6/2014
Last Casing String SURFACE, 1,034.0ftKB					
Status at 6 AM WAIT ON DAYLIGHT			24 Hour Forecast RIG UP ON UNIVERSITY 49-1 6H		

**Time Log**

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	06:30	0.50	SAFETY	ACTIVE	SAFETY MEETING WITH DEVON ENERGY, CACTUS DRILLING, LIGHTING TRUCKING FINISH LOADING OUT GENERATORS, DERRICK MAST, CROWN AND MIS. EQUIPMENT FROM CORDOBA NORTH 1H . SPOT RIG MATS AND RIG UP SUBS, DRAW WORKS, GENERATORS, HYDROLIC SKID, CHOKE SKID, WATER TANKS. SET COMPANY MANS HOUSE AND CREW TRAILERS PIN DERRICK AND DRESS OUT SAME, SPOT RIG DISIEL TANK.  RIGGED DOWN- 100% MOVED- 100% SET IN- 70% RIGGED UP-60% 48 MILE MOVE 48 HOURS FROM RIG RELEASE  LIGHTING TRUCKING ON LOCATION 8-TRUCKS 2- CRANE ON NEW LOCATION 1- CRANES ON OLD LOCATION 2 TANDEM'S 1 POLE TRUCK'S 1 FORKLIFT ON OLD LOCATION 1 FORKLIFT ON NEW LOCATION SAFETY MAN ON LOCATION FOR 12 HOUR'S
06:30	18:30	12.00	MOB	ACTIVE	
18:30	06:00	11.50	SHUTDOWN	ACTIVE	
					WAITING ON DAYLIGHT



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**Partner Report**

**Report # 7 Date: 4/7/2014 06:00**

District	County	Field Name	Project Group	State/Province			
PERMIAN BASIN	REAGAN	LIN (WOLFCAMP)	PB TEXAS EAST	TX			
Surface Legal Location	API/UWI	Latitude (°)	Longitude (°)	Ground Elev...	KB - GL (ft)	Orig KB Elev (ft)	Tubing Head Elevation (ft)
SEC 1, BLK 49, UNIVERSITY LAND	4238338628	31° 7' 52.934" N	101° 23' 24.782" W	2,761.00	25.00	2,786.00	

**Jobs**

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 12,119.0	Authorized Depth TVD (ftKB)	API/UWI 4238338628
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**Costs**

WBS Number XX-101082.01.SLC;XX-101082.01.DRL;XX-101082.01.CMP;XX-101082.01.EQP;XX-101082.01.TIE	Planned Days (days) 19.50	Daily Cost (Cost) \$59,547	Cum To Date (Cost) \$372,777	Total WBS+Sup (Cost) \$4,339,797	Job % Complete (%) 33.5
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	6.56	\$59,547	\$372,777	\$1,234,000	\$861,223

**Daily Operations**

Rig CACTUS DRILLING COMPANY, 138					
Drilled Last 24 Hours (ft)  0.00	End Depth (ftKB)  1,034.0	End Depth (TVD) (ftKB)	DFS (days)  6.29	Report Number  7	Report End Date  4/7/2014
Last Casing String SURFACE, 1,034.0ftKB					
Status at 6 AM WAITING ON DAYLIGHT			24 Hour Forecast RAISE DERRICK AND CONTINUE RIGGING UP MISC.		

**Time Log**

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	06:30	0.50	SAFETY	ACTIVE	SAFETY MEETING WITH DEVON ENERGY, CACTUS DRILLING, LIGHTING TRUCKING
06:30	18:30	12.00	MOB	ACTIVE	CONTINUE DRESSING OUT DERRICK, STRING UP BLOCK AND CROWN. RAISE AND PIN "A" LEGS, STRING OUT BULL LINES AND PIN SAME, RIG UP BACK YARD EQUIPMENT, SET IN MUD DIESEL TANK, SET IN ACCUM UNIT, SET IN HYDROLIC UNIT  RIGGED DOWN- 100% MOVED- 100% SET IN- 85% RIGGED UP-75% 48 MILE MOVE 72 HOURS FROM RIG RELEASE  LIGHTING TRUCKING ON LOCATION 1- CRANE ON LOCATION 1 TANDEM 1 POLE TRUCK'S 1 FORKLIFT ON LOCATION  SAFETY MAN ON LOCATION FOR 12 HOUR'S  HAZARD HUNT: NOTICED SWAMPER AND CRANE OPERATOR MOVING SHEAD TOPS WITH OUT TAG LINE.
18:30	06:00	11.50	SHUTDOWN	ACTIVE	WAITING ON DAYLIGHT



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**Partner Report**

**Report # 8 Date: 4/8/2014 06:00**

District	County	Field Name	Project Group	State/Province			
PERMIAN BASIN	REAGAN	LIN (WOLFCAMP)	PB TEXAS EAST	TX			
Surface Legal Location	API/UWI	Latitude (°)	Longitude (°)	Ground Elev...	KB - GL (ft)	Orig KB Elev (ft)	Tubing Head Elevation (ft)
SEC 1, BLK 49, UNIVERSITY LAND	4238338628	31° 7' 52.934" N	101° 23' 24.782" W	2,761.00	25.00	2,786.00	

**Jobs**

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 12,119.0	Authorized Depth TVD (ftKB)	API/UWI 4238338628
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**Costs**

WBS Number XX-101082.01.SLC;XX-101082.01.DRL;XX-101082.01.CMP;XX-101082.01.EQP;XX-101082.01.TIE	Planned Days (days) 19.50	Daily Cost (Cost) \$60,250	Cum To Date (Cost) \$433,027	Total WBS+Sup (Cost) \$4,339,797	Job % Complete (%) 36.8
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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	7.56	\$60,250	\$433,027	\$1,584,000	\$1,150,973

**Daily Operations**

Rig CACTUS DRILLING COMPANY, 138					
Drilled Last 24 Hours (ft) 0.00	End Depth (ftKB) 1,034.0	End Depth (TVD) (ftKB)	DFS (days) 7.29	Report Number 8	Report End Date 4/8/2014
Last Casing String SURFACE, 1,034.0ftKB					
Status at 6 AM PREPARING TO NIPPLE UP BOPS			24 Hour Forecast NIPPLE UP BOPS, TEST BOPS, PICK UP 12 1/4" PDC BIT AND 8" INTERMEDIATE BHA, TRIP IN HOLE AND DRILL OUT FLOAT EQUIPMENT		

**Time Log**

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	06:30	0.50	SAFETY	ACTIVE	SAFETY MEETING WITH DEVON ENERGY, CACTUS DRILLING, LIGHTING TRUCKING
06:30	06:00	23.50	MOB	ACTIVE	FINISH DRESSING OUT CROWN SECTION AND INSPECT CABLES AND SHIEVES, RIG UP WENCH LINES, HOLD SAFETY MEETING ON RAISING DERRICK, RAISE AND PIN SAME, SET KOOMY UNIT, SET BOP'S UNDER FLOOR AND RIG UP BOP WENCHES TO BOP'S, SET STAIRS, HANGE FLOW LINE, SET PIPE CAT IN PLACE AND RIG UP SAME, SPOOL UP DRAW WORKS, RIG UP SERVICE LOOP TO TOP DRIVE AND WIRE UP SAME, DRESS OUT RIG FLOOR, PICK UP HANDLING TOOLS. PREFORM 10 POINT CALIBRATION ON EDS SYSTEM  RIGGED DOWN-100% MOVED-100% SET IN-100% RIGGED UP-100% 96 HOURS FROM RIG RELEASE 48 MILE MOVE  LIGHTING TRUCKING ON LOCATION 1- CRANE ON NEW LOCATION 1 TANDEM  ONE SAFETY MAN ON OLD LOCATION AND ONE ON NEW LOCATION FOR 12 HOUR'S



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**Partner Report**

**Report # 9 Date: 4/9/2014 06:00**

District PERMIAN BASIN	County REAGAN	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location SEC 1, BLK 49, UNIVERSITY LAND	API/UWI 4238338628	Latitude (°) 31° 7' 52.934" N	Longitude (°) 101° 23' 24.782" W	Ground Elev... 2,761.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,786.00	Tubing Head Elevation (ft)

**Jobs**

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 12,119.0	Authorized Depth TVD (ftKB)	API/UWI 4238338628
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**Costs**

WBS Number XX-101082.01.SLC;XX-101082.01.DRL;XX-101082.01.CMP;XX-101082.01.EQP;XX-101082.01.TIE	Planned Days (days) 19.50	Daily Cost (Cost) \$91,990	Cum To Date (Cost) \$525,467	Total WBS+Sup (Cost) \$4,339,797	Job % Complete (%) 41.6
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	8.56	\$91,990	\$525,467	\$1,234,000	\$708,533

**Daily Operations**

Rig CACTUS DRILLING COMPANY, 138					
Drilled Last 24 Hours (ft) 0.00	End Depth (ftKB) 1,034.0	End Depth (TVD) (ftKB)	DFS (days) 8.29	Report Number 9	Report End Date 4/9/2014
Last Casing String SURFACE, 1,034.0ftKB					
Status at 6 AM DRILLING OUT FLOAT EQUIPMENT			24 Hour Forecast DRILL INTERMEDIATE VERTICAL SECTION		

**Time Log**

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	06:30	0.50	SAFETY	ACTIVE	SAFETY MEETING WITH ALL CREW MEMBERS AND LONESTAR TEST CREW
06:30	12:30	6.00	BOPS	ACTIVE	RIG UP LONESTAR NIPPLE UP SERVICE, NIPPLE UP BOP'S, FLEX HOSE, CHOKE LINE, INSTALL HYDRAULIC LINES, ORBIT VALVE POLLUTION PAN AND TURN BUCKLE'S, FUNCTION TEST BOP'S. BREAK BOTTOM BOLTS ON DSA, RAISE STACK AND CHANGE LEAKING GASKET
12:30	13:30	1.00	WLHEAD	ACTIVE	TEST UH-WB SPLIT HEAD (SPEED HEAD) WITH FMC TO 2000 PSI. WITNESSED BY COMPANY MAN
13:30	18:00	4.50	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. TEST STAND PIPE BACK TO MUD PUMPS 250 LOW, 5000 HIGH. HELD EACH TEST 10 MIN. (LOW AND HIGH), GOOD TEST ON ALL EQUIPMENT TEST SURFACE CASING TO 517 PSI HOLD ON CHART FOR 30 MIN. CO MAN PRESENT DURING ALL TESTING.
					PREFORM ACCUMULATOR DRAW DOWN TEST. ACCUMULATOR PSI BEFORE=1,550, PSI AFTER=1,500 TOP RAMS=8 SECS BLIND RAMS=7 SECS BTM RAMS=7 SECS HYDRIL= 13 SECS
18:00	21:30	3.50	RIGSVC	ACTIVE	INSTALL ORBIT VALVE, INSTALL FLOW LINE, INSTALL KATCH KAN, MOUSE HOLE, LAY OUT AND STRAP BHA
21:30	04:00	6.50	TRIP	ACTIVE	PICK UP INTERMEDIATE BHA, PICK UP 1.50 LOW SPEED MOTOR, INSTALL EM SURVEY TOOL AND SURFACE TEST WITH 400 GPM. GOOD TEST, MAKE UP 12 1/4" R616P BIT, 12 JOINT'S 6" DC, AND 18 JOINTS OF HWDP WHILE TRIPPING IN HOLE TO 965' TAG CEMENT
04:00	04:30	0.50	DPLACE	ACTIVE	DISPLACE FRESH WATER WITH 10.0 PPG BRINE WATER
04:30	06:00	1.50	RMWASH	ACTIVE	INSTALL ROTATE HEAD AND DRILL CEMENT FROM 965' TO 983' TAG FLOAT AT 983' AND SHOE AT 1030', DRILL OUT FLOAT EQUIPMENT AND SHOE RPM=20 GPM=600 TQ=4500



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**Partner Report**

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

District	County	Field Name	Project Group	State/Province			
PERMIAN BASIN	REAGAN	LIN (WOLFCAMP)	PB TEXAS EAST	TX			
Surface Legal Location	API/UWI	Latitude (°)	Longitude (°)	Ground Elev...	KB - GL (ft)	Orig KB Elev (ft)	Tubing Head Elevation (ft)
SEC 1, BLK 49, UNIVERSITY LAND	4238338628	31° 7' 52.934" N	101° 23' 24.782" W	2,761.00	25.00	2,786.00	

**Jobs**

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 12,119.0	Authorized Depth TVD (ftKB)	API/UWI 4238338628
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**Costs**

WBS Number XX-101082.01.SLC;XX-101082.01.DRL;XX-101082.01.CMP;XX-101082.01.EQP;XX-101082.01.TIE	Planned Days (days) 19.50	Daily Cost (Cost) \$119,299	Cum To Date (Cost) \$644,766	Total WBS+Sup (Cost) \$4,339,797	Job % Complete (%) 44.8
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	9.56	\$119,299	\$644,766	\$1,234,000	\$589,234

**Daily Operations**

Rig CACTUS DRILLING COMPANY, 138					
Drilled Last 24 Hours (ft) 1,428.00	End Depth (ftKB) 2,462.0	End Depth (TVD) (ftKB)	DFS (days) 9.29	Report Number 10	Report End Date 4/10/2014
Last Casing String SURFACE, 1,034.0ftKB					
Status at 6 AM REPARING PULSATION DAMPENER			24 Hour Forecast FIX MUD PUMP, AND CONTINUE DRILLING 12 1/4" INTERMEDIATE SECTION		

**Time Log**

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	00:00	18.00	DRLG	ACTIVE	ROTATE AND SLIDE 12 1/4" INTERMEDIATE SECTION FROM 1,034' TO 2,462', 1,428 @ 79 FPH, WOB=25, GPM=650, RPM=60, TQ=11,000, STKS=170, PSI=2,850  LAST SAMPLE @ 2,462' 100% SANDSTONE  LAST SURVEY @ 2,395' TVD= 2,391.49' INC= 4.81 AZM.=92.02 BEHIND= 8' RIGHT= 8'  LAST 24 HRS DRILLED= 1,428' SLIDE= 106' ROTATE=1,322'  DEVON SAFETY MAN ON LOCATION FOR 0 HOUR'S NO INCIDENT'S, ACCIDENT'S OR SPILLS AT REPORT TIME
00:00	06:00	6.00	RIGSVC	ACTIVE	PULSATION DAMPENER ON #1 MUD PUMP WASHED OUT AT WELD ON MOUNTING FRAME, ISOLATE #1 MUD PUMP, RACK BACK 1 STAND IN DERRICK, WORK PIPE AND CIRC WITH # 2 MUD PUMP WHILE WAITING ON PULSATION DAMPENER AND REPARING PULSATION DAMPENER





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**Partner Report**

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

District PERMIAN BASIN	County REAGAN	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location SEC 1, BLK 49, UNIVERSITY LAND	API/UWI 4238338628	Latitude (°) 31° 7' 52.934" N	Longitude (°) 101° 23' 24.782" W	Ground Elev... 2,761.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,786.00	Tubing Head Elevation (ft)

**Jobs**

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 12,119.0	Authorized Depth TVD (ftKB)	API/UWI 4238338628
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**Costs**

WBS Number XX-101082.01.SLC;XX-101082.01.DRL;XX-101082.01.CMP;XX-101082.01.EQP;XX-101082.01.TIE	Planned Days (days) 19.50	Daily Cost (Cost) \$68,319	Cum To Date (Cost) \$815,731	Total WBS+Sup (Cost) \$4,339,797	Job % Complete (%) 49.7
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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	10.56	\$68,319	\$815,731	\$1,234,000	\$418,269

**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
1,323.00	3,785.0		2.00	11	4/11/2014

Last Casing String SURFACE, 1,034.0ftKB
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Status at 6 AM DRILLING INTERMEDIATE SECTION	24 Hour Forecast TD INTERMEDIATE SECTION, TRIP OUT OF HOLE WITH 8" BHA, RUN 9 5/8" CASING AND CEMENT
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**Time Log**

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	09:00	3.00	RIGSVC	ACTIVE	PULSATION DAMPENER ON #1 MUD PUMP WASHED OUT AT WELD ON MOUNTING FRAME, ISOLATE #1 MUD PUMP, RACK BACK 1 STAND IN DERRICK, WORK PIPE AND CIRC WITH # 2 MUD PUMP WHILE REPAIRING PULSATION DAMPENER
09:00	06:00	21.00	DRLG	ACTIVE	ROTATE AND SLIDE 12 1/4" INTERMEDIATE SECTION FROM 2,462' TO 3,785', 1,323 @ 63 FPH, WOB=25, GPM=700, RPM=55, TQ=11,500, STKS=166, PSI=3,150  LAST SAMPLE @ 3,690' 10% LIMESTONE, 20% SANDSTONE, 70% SHALE  LAST SURVEY @ 3,630' TVD= 3,622.59 INC= 3.78 AZM.=83.76 BEHIND= 6' RIGHT= 6'  LAST 24 HRS DRILLED= 1,323' SLIDE= 75' ROTATE=1,248'  DEVON SAFETY MAN ON LOCATION FOR 0 HOUR'S NO INCIDENT'S, ACCIDENT'S OR SPILLS AT REPORT TIME



**UNIVERSITY 49-1 6H**  
Wellbore Name: OH

**WEST UNRESTRICTED**  
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**Partner Report**

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

District	County	Field Name	Project Group	State/Province			
PERMIAN BASIN	REAGAN	LIN (WOLFCAMP)	PB TEXAS EAST	TX			
Surface Legal Location	API/UWI	Latitude (°)	Longitude (°)	Ground Elev...	KB - GL (ft)	Orig KB Elev (ft)	Tubing Head Elevation (ft)
SEC 1, BLK 49, UNIVERSITY LAND	4238338628	31° 7' 52.934" N	101° 23' 24.782" W	2,761.00	25.00	2,786.00	

**Jobs**

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 12,119.0	Authorized Depth TVD (ftKB)	API/UWI 4238338628
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**Costs**

WBS Number XX-101082.01.SLC;XX-101082.01.DRL;XX-101082.01.CMP;XX-101082.01.EQP;XX-101082.01.TIE	Planned Days (days) 19.50	Daily Cost (Cost) \$64,105	Cum To Date (Cost) \$879,836	Total WBS+Sup (Cost) \$4,339,797	Job % Complete (%) 52.5
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	11.56	\$64,105	\$879,836	\$1,234,000	\$354,164

**Daily Operations**

Rig CACTUS DRILLING COMPANY, 138					
Drilled Last 24 Hours (ft) 290.00	End Depth (ftKB) 4,075.0	End Depth (TVD) (ftKB)	DFS (days) 3.00	Report Number 12	Report End Date 4/12/2014
Last Casing String SURFACE, 1,034.0ftKB					
Status at 6 AM DRILLING INTERMEDIATE SECTION			24 Hour Forecast TD INTERMEDIATE SECTION, TRIP OUT OF HOLE, RUN 9 5/8" CASING AND CEMENT		

**Time Log**

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	11:00	5.00	CIRC	ACTIVE	LOST RETURNS @ 3,785'. PUMP 40 BBLS OF 15 PPB LCM PILL TO REGAIN RETURNS (7 MICA, 7 WALNUT, 20 BARAFIBER) ATTEMPT FAILED. SPOT 80 BBLS OF 18 PPB LCM PILL @ 3,785' (7 MICA, 7 WALNUT, 20 BARAFIBER, 5 VANGUARD, 3 DRILL PAPER), TRIP OUT HOLE TO 3,590', ATTEMPT TO REGAIN RETURNS. ATTEMPT FAILED. SPOT 80 BBLS OF 20 PPB LCM PILL @ 3,590' (15 BARAFIBER, 6 VANGUARD, 7 MICA, 7 WALNUT, 5 PLUG-IT). TRIP OUT OF HOLE TO 3,497' AND ATTEMPT TO REGAIN RETURNS. ATTEMPT FAILED. SPOT 80 BBLS OF 25 PPB COURSE LCM PILL @ 3,497' (8 BARASOL, 8 COTTON SEED HULS, 8 DRILL PAPER, 8 VANGUARD, 8 PLUG-IT, 5 WALNUT). FILL BACK SIDE WITH 8.3 PPB FRESH WATER. TOOK 132.6 BBLS TO FILL ANNULAR, CALCULATED TO FILL DEPTH @ 1,045'. WELL STATIC
11:00	13:30	2.50	TRIP	ACTIVE	TRIP OUT OF HOLE FROM 3,497' TO 951'. CONTINUE TO KEEP ANNULAR FULL WITH 8.3 PPG FRESH WATER. BRING LCM CONTENT IN ACTIVE TO 5 PPB PULLED TIGHT @ 2,050. SCREWED INTO STAND AND ATTEMPTED TO REGAIN RETURNS. ATTEMPT FAILED. PULLED 50K OVER STRING WT TO BREAK FREE (STRING WT.- 150K)
13:30	14:00	0.50	CIRC	ACTIVE	ESTABLISH FULL RETURNS @ 951'
14:00	14:30	0.50	TRIP	ACTIVE	TRIP IN HOLE FROM 951' TO 1,038'
14:30	15:00	0.50	CIRC	ACTIVE	ESTABLISH FULL RETURNS @ 1,038'
15:00	15:30	0.50	TRIP	ACTIVE	TRIP IN HOLE FROM 1,038' TO 1,342'
15:30	00:00	8.50	CIRC	ACTIVE	BREAK CIRC, CUT MUD WT BACK FROM 10.1 PPG TO 9.6 PPG, RAISE LCM CONTENT IN ACTIVE FROM 5 PPB TO 10 PPB. STAGE IN HOLE FROM 1,342' TO 3,785', BREAKING CIRC EVERY 500', STAGING PUMPS UP PER CIRCULATION

**UNIVERSITY 49-1 6H**

Wellbore Name: OH

**WEST UNRESTRICTED****CONFIDENTIAL****Partner Report****Report # 12 Date: 4/12/2014 06:00**

District PERMIAN BASIN	County REAGAN	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location SEC 1, BLK 49, UNIVERSITY LAND	API/UWI 4238338628	Latitude (°) 31° 7' 52.934" N	Longitude (°) 101° 23' 24.782" W	Ground Elev... 2,761.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,786.00	Tubing Head Elevation (ft)

**Time Log**

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
00:00	06:00	6.00	DRLG	ACTIVE	ROTATE AND SLIDE 12 1/4" INTERMEDIATE SECTION FROM 3,785' TO 4,075', 290' @ 48 FPH, WOB=25, GPM=600, RPM=55, TQ=11,500, STKS=144, PSI=2,300  LAST SAMPLE @ 3,920' 100% SANDSTONE  LAST SURVEY @ 3,916' TVD= 3,908.00 INC= 3.40 AZM.=90.73 BEHIND= 6' RIGHT= 6'  LAST 24 HRS DRILLED= 290 SLIDE= 25 ROTATE=265  DEVON SAFETY MAN ON LOCATION FOR 0 HOUR'S NO INCIDENT'S, ACCIDENT'S OR SPILLS AT REPORT TIME  HOLD SAFETY STAND DOWN WITH TOOLPUSHER AND RIG CREW ON PROPERLY MAKING UP BHA AND TORQUEING LIFT SUBS



**UNIVERSITY 49-1 6H**  
**Wellbore Name: OH**

**WEST UNRESTRICTED**  
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**Partner Report**

**Report # 13 Date: 4/13/2014 06:00**

District PERMIAN BASIN	County REAGAN	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location SEC 1, BLK 49, UNIVERSITY LAND	API/UWI 4238338628	Latitude (°) 31° 7' 52.934" N	Longitude (°) 101° 23' 24.782" W	Ground Elev... 2,761.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,786.00	Tubing Head Elevation (ft)

**Jobs**

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 12,119.0	Authorized Depth TVD (ftKB)	API/UWI 4238338628
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**Costs**

WBS Number XX-101082.01.SLC;XX-101082.01.DRL;XX-101082.01.CMP;XX-101082.01.EQP;XX-101082.01.TIE	Planned Days (days) 19.50	Daily Cost (Cost) \$73,128	Cum To Date (Cost) \$952,964	Total WBS+Sup (Cost) \$4,339,797	Job % Complete (%) 55.7
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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	12.56	\$73,128	\$952,964	\$1,234,000	\$281,036

**Daily Operations**

Rig										
CACTUS DRILLING COMPANY, 138										
Drilled Last 24 Hours (ft)	566.00	End Depth (ftKB)	4,641.0	End Depth (TVD) (ftKB)	DFS (days)	4.00	Report Number	13	Report End Date	4/13/2014
Last Casing String										
SURFACE, 1,034.0ftKB										
Status at 6 AM										
RUNNING CALIPER LOG				24 Hour Forecast						
				RUN 9 5/8" CASING, CEMENT, PICK UP 8 3/4" VERTICAL ASSEMBLY AND DRILL 8 3/4" VERTICAL SECTION						

**Time Log**

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	15:00	9.00	DRLG	ACTIVE	ROTATE AND SLIDE 12 1/4" INTERMEDIATE SECTION FROM 4,075' TO 4,641', 566' @ 63 FPH, WOB=25, GPM=600, RPM=55, TQ=11,500, STKS=144, PSI=2,300  LAST SAMPLE @ 4,641' 30% LIMESTONE, 70% SHALE  LAST SURVEY @ 4,555' TVD= 4,545.60' INC= 3.13 AZM.=100.72 BEHIND= 12' RIGHT= 12'  LAST 24 HRS DRILLED= 566' SLIDE= 30' ROTATE=536'  DEVON SAFETY MAN ON LOCATION FOR 0 HOUR'S NO INCIDENT'S, ACCIDENT'S OR SPILLS AT REPORT TIME
15:00	16:30	1.50	CIRC	ACTIVE	CIRCULATE HIGH VISCOSITY SWEEPS AT 4,641' TO CLEAN HOLE, SWEEP BROUGHT 10% INCREASE IN SMALL CUTTINGS, CIRCULATE TILL SHAKERS CLEAN
16:30	21:00	4.50	TRIP	ACTIVE	PULL OUT OF HOLE ON ELEVATORS FROM 4,641' TO 148' HOLE SLICK AND TOOK PROPER FILL UPS
21:00	23:00	2.00	BHA	ACTIVE	BREAK AND LAY OUT 12 JOINTS OF 6" DRILL COLLARS, 8" MWD TOOLS, 8" MUD MOTOR AND 12 1/4" BIT
23:00	23:30	0.50	RIGSVC	ACTIVE	CLEAR RIG FLOOR OF ALL MWD EQUIPMENT AND CLEAN OFF RIG FLOOR
23:30	00:00	0.50	SAFETY	ACTIVE	HELD SAFTY MEETING ON RIGGING UP AND RUNNING CALIPER LOG WITH SCHLUMBERGER, TOOLPUSHER AND RIG CREW
00:00	06:00	6.00	LOG	ACTIVE	RIG UP HYDRIL STOP STYLE LUBRICATOR, GAMMA TOOLS AND CALIPER TOOLS. RUN GAMMA RAY AND PPC CALIPER LOG FROM 25' KB TO 4,610' WITH SCHLUMBERGER WIRE LINE CREW. RIG DOWN WIRE LINE SHIVES AND LUBRICATOR.



**UNIVERSITY 49-1 6H**  
**Wellbore Name: OH**

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**Partner Report**

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

District	County	Field Name	Project Group	State/Province			
PERMIAN BASIN	REAGAN	LIN (WOLFCAMP)	PB TEXAS EAST	TX			
Surface Legal Location	API/UWI	Latitude (°)	Longitude (°)	Ground Elev...	KB - GL (ft)	Orig KB Elev (ft)	Tubing Head Elevation (ft)
SEC 1, BLK 49, UNIVERSITY LAND	4238338628	31° 7' 52.934" N	101° 23' 24.782" W	2,761.00	25.00	2,786.00	

**Jobs**

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 12,119.0	Authorized Depth TVD (ftKB)	API/UWI 4238338628
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**Costs**

WBS Number XX-101082.01.SLC;XX-101082.01.DRL;XX-101082.01.CMP;XX-101082.01.EQP;XX-101082.01.TIE	Planned Days (days) 19.50	Daily Cost (Cost) \$313,313	Cum To Date (Cost) \$1,274,377	Total WBS+Sup (Cost) \$4,339,797	Job % Complete (%) 60.1
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	13.56	\$313,313	\$1,274,377	\$1,234,000	(\$40,377)

**Daily Operations**

Rig CACTUS DRILLING COMPANY, 138					
Drilled Last 24 Hours (ft) 0.00	End Depth (ftKB) 4,641.0	End Depth (TVD) (ftKB)	DFS (days) 5.00	Report Number 14	Report End Date 4/14/2014
Last Casing String INTERMEDIATE 1, 4,612.3ftKB					
Status at 6 AM CLEANING MUD TANKS		24 Hour Forecast CLEAN MUD TANKS, STRAP AND PICK UP BHA, TRIP IN HOLE, DISPLACE BRINE WATER WITH OILBASED MUD, DRILL OUT FLOAT EQUIPMENT AND DRILL PRODUCTION VERTICAL SECTION			

**Time Log**

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	07:00	1.00	RIGSVC	ACTIVE	PULL WEAR BUSHING AND FIT TEST AND PRE MARK HANGER WITH FMC HAND
07:00	07:30	0.50	RIGSVC	ACTIVE	RIG DOWN BELLS, ELEVATORS, AND BELL GUIDE ON TOP DRIVE. CLEAR AND PREP RIG FLOOR FOR CASING RUN
07:30	09:00	1.50	CSG	ACTIVE	HOLD SAFETY MEETING WITH RIG HANDS AND CASING CREW ON RIGGING UP CASING EQUIPMENTAND RIG UP CASING BELLS, ELEVATORS, AND CRT TOOL
09:00	16:00	7.00	CSG	ACTIVE	MAKE UP SHOE TRACK AND FLOAT COLLAR, TORQUE TO DIMOND, BREAK CIRCULATION THROUGH SHOE AND FLOAT EQUIPMENT AND RUN 9 5/8" HCK -55 BTC #40 CASING FROM 25' TO 4,612', SET DAVIS LYNCH PACKER @ 2,486' TORQUE CASING TO 8,200 FT LBS WITH TORQUE TURN MONITORING . FILLING PIPE EVERY 2,000'
16:00	16:30	0.50	CSG	ACTIVE	RIG DOWN TESCO CASING TOOLS AND EQUIPMENT.
16:30	17:30	1.00	RIGSVC	ACTIVE	HOLD SAFETY MEETING WITH CEMENTERS AND RIG CREW AND RIG UP CEMENT HEAD AND EQUIPMENT
17:30	18:00	0.50	CIRC	ACTIVE	CIRC 1 1/2 TIMES THE CAPACITY OF THE CASING TO ENSURE FLOAT EQUIPMENT IS CLEAN PRIOR TO CEMENTING 9 5/8" HCK-55 BTC #40 INTERMEDIATE CASING
18:00	18:30	0.50	CMTPRI	ACTIVE	HELD A SAFETY MEETING WITH BAKER, CACTUS DRILLING AND DEVON, ON CEMENTING 9 5/8" INTERMEDIATE CASING
18:30	20:30	2.00	CMTPRI	ACTIVE	CEMENT FIRST STAGE 9 5/8" HCK-55 BTC #40 CASING. SPACER 30 BBL (SEAL BOND, BARRITE, AND SS2) , 705 SKS 13.8 PPG TAIL SLURRY (173 BBLS) 60:40 POZ, CLASS C, YIELD 1.38 , DROP PLUG AND DISPLACE WITH 346 BBLS BRINE WATER, FULL RETURNS THROUGH OUT JOB, 0 BBL'S OF CEMENT BACK, PLUG BUMPED @ CALCULATED VOL, 1.5 BBL'S BLED BACK, FLOAT HELD.
20:30	00:30	4.00	CIRC	ACTIVE	BREAK CAP ON CEMENT HEAD, DROP DART AND OPEN PORTS IN PACKER WITH 950 PSI. CIRC 4 HOURS TO ENSURE BONDING OF 1ST CEMENT STAGE AND CASING IS CLEAR PRIOR TO PUMPING 2ND CEMENT STAGE.
00:30	03:00	2.50	CMTPRI	ACTIVE	CEMENT SECOND STAGE 9 5/8" HCK-55 BTC #40 CASING. SPACER 10 BBLS FRESH WATER , 475 SKS 12.8 PPG LEAD SLURRY (141 BBLS) 60:40 POZ, CLASS C, YIELD 1.67 , 150 SX 13.8 TAIL CEMENT (36 BBLS) 60:40 POZ, CLASS C, YIELD 1.38. DROP PLUG AND DISPLACE WITH 188 BBLS BRINE WATER, FULL RETURNS THROUGH OUT JOB, 10 BBL'S OF CEMENT BACK, PLUG BUMPED @ CALCULATED VOL, 1.5 BBL'S BLED BACK, FLOAT HELD. RIG DOWN CEMENTERS AND EQUIPMENT
03:00	05:00	2.00	WLHEAD	ACTIVE	WASH THREW STACK AND WELL HEAD WITH SUGAR AND FRESH WATER, BACK OUT LANDING JOINTAND LAY DOWN SAME, INSTALL WELL HEAD PACK-OFF AND TEST TO 3,000 PSI (WITNESSED BY COMPANY MAN). SET WEAR BUSHING WITH FMC HAND

**UNIVERSITY 49-1 6H**

Wellbore Name: OH

WEST UNRESTRICTED

**CONFIDENTIAL****Partner Report****Report # 14 Date: 4/14/2014 06:00**

District PERMIAN BASIN	County REAGAN	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location SEC 1, BLK 49, UNIVERSITY LAND	API/UWI 4238338628	Latitude (°) 31° 7' 52.934" N	Longitude (°) 101° 23' 24.782" W	Ground Elev... 2,761.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,786.00	Tubing Head Elevation (ft)

**Time Log**

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
05:00	06:00	1.00	RIGSVC	ACTIVE	<p>CLEAN MUD TANKS WITH NAC VAC TRUCK AND CREW</p> <p>LAY OUT AND STRAP VERTICAL BHA WHILE CLEANING MUD TANKS</p> <p>HAZARD HUNT: NOTICED V-DOOR LEFT OPEN AFTER PICKING UP CEMENT EQUIPMENT. NOTICED 2" BLEED OFF LINE ON RIG FLOOR RECONNECTED WITH OUT A WHIP CHECK AFTER CEMENT JOB.</p> <p>DEVON SAFETY MAN ON LOCATION FOR 4 HOUR'S NO SPILL'S, ACCIDENT'S OR INCIDENT'S AT REPORT TIME</p>



**UNIVERSITY 49-1 6H**  
Wellbore Name: OH

**WEST UNRESTRICTED**  
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**Partner Report**

**Report # 15 Date: 4/15/2014 06:00**

District PERMIAN BASIN	County REAGAN	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location SEC 1, BLK 49, UNIVERSITY LAND	API/UWI 4238338628	Latitude (°) 31° 7' 52.934" N	Longitude (°) 101° 23' 24.782" W	Ground Elev... 2,761.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,786.00	Tubing Head Elevation (ft)

**Jobs**

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 12,119.0	Authorized Depth TVD (ftKB)	API/UWI 4238338628
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**Costs**

WBS Number XX-101082.01.SLC;XX-101082.01.DRL;XX-101082.01.CMP;XX-101082.01.EQP;XX-101082.01.TIE	Planned Days (days) 20.50	Daily Cost (Cost) \$90,403	Cum To Date (Cost) \$1,406,809	Total WBS+Sup (Cost) \$4,339,797	Job % Complete (%) 64.0
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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	14.56	\$90,403	\$1,406,809	\$1,542,232	\$135,423

**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
959.00	5,600.0		6.00	15	4/15/2014

Last Casing String INTERMEDIATE 1, 4,612.3ftKB
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Status at 6 AM DRILLING 8 3/4" VERTICAL SECTION	24 Hour Forecast TD 8 3/4" VERTICAL SECTION AND BEGIN BUILDING CURVE
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**Time Log**

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	09:30	3.50	BHA	ACTIVE	PICK UP VERTICAL/CURVE BHA, PICK UP 1.83 HIGH SPEED MOTOR, INSTALL EM SURVEY TOOL AND SURFACE TEST WITH 400 GPM. GOOD TEST, MAKE UP 8 3/4 MM64D BIT. TRIPPING IN HOLE TO 2,435'. WHILE CLEANING MUD TANKS
09:30	12:00	2.50	RIGSVC	ACTIVE	CHANGE OUT HOSES ON GAS BUSTER AND VALVES ON FLOW LINE WHILE CLEANING MUD TANKS
12:00	12:30	0.50	TRIP	ACTIVE	TRIP IN HOLE ON ELEVATORS FROM 2,435' TO 2,486'. FILLING PIPE EVERY 2,000'. TAG DV PACKER
12:30	13:00	0.50	CSG	ACTIVE	TEST CASING PRIOR TO DRILLING OUT DV TOOL. TEST TO 1,000 PSI FOR 30 MIN. TEST OK. WITNESSED BY COMPANY MAN
					MINS: PSI: 5 1,020 10 991 15 977 20 965 25 961 30 957
13:00	13:30	0.50	RMWASH	ACTIVE	DRILL OUT DV TOOL 2,486' TO 2,505' GPM=503, RPM=15, WOB=10 TRQ=2,350
13:30	18:00	4.50	TRIP	ACTIVE	PICK UP 5" DRILL PIPE AND TRIP IN HOLE FROM 2,505' TO 4,524'. FILLING PIPE EVERY 2,000'
18:00	18:30	0.50	CSG	ACTIVE	TEST CASING PRIOR TO DRILLING OUT FLOAT EQUIPMENT. TEST TO 1,000 PSI AND HOLD FOR 30 MINS. TEST OK. WITNESSED BY COMPANY MAN.
					MINS: PSI: 5 1,003 10 1,001 15 1,000 20 1,000 25 1,000 30 1,000
18:30	19:30	1.00	RIGSVC	ACTIVE	INSTALL KATCH KAN AND SKIRT UNDER ROTARY
19:30	20:00	0.50	DPLACE	ACTIVE	DISPLACE BRINE WATER WITH 8.8 PPG OIL BASED MUD
20:00	23:30	3.50	RMWASH	ACTIVE	INSTALL ROTATE HEAD AND DRILL CEMENT FROM 4,536' TO 4,566' TAG FLOAT AT 4,566' AND SHOE AT 4,612', DRILL OUT FLOAT EQUIPMENT AND SHOE TD-RPM=35 GPM=350 TQ=8,500



UNIVERSITY 49-1 6H  
Wellbore Name: OH

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Partner Report

Report # 15 Date: 4/15/2014 06:00

District PERMIAN BASIN	County REAGAN	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location SEC 1, BLK 49, UNIVERSITY LAND	API/UWI 4238338628	Latitude (°) 31° 7' 52.934" N	Longitude (°) 101° 23' 24.782" W	Ground Elev... 2,761.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,786.00	Tubing Head Elevation (ft)

Time Log					
Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
23:30	06:00	6.50	DRLG	ACTIVE	ROTATE AND SLIDE 8 3/4" VERTICAL SECTION FROM 4,641' TO 5,600', 959 @ 147 FPH, WOB=25, GPM=600, RPM=70, TQ=11,700, STKS=140, PSI=2,850  LAST SAMPLE @ 5,288' 20% LIMESTONE, 80% SHALE  LAST SURVEY @ 5,319 TVD= 5,307.11 INC= 6.26 AZM.= 83.36 ON THE LINE LEFT=1'  LAST 24 HRS DRILLED= 959' SLIDE= 75' ROTATE=884'  DEVON SAFETY MAN ON LOCATION FOR 0 HOUR'S NO INCIDENT'S, ACCIDENT'S OR SPILLS AT REPORT TIME





**UNIVERSITY 49-1 6H**  
Wellbore Name: OH

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**Partner Report**

**Report # 16 Date: 4/16/2014 06:00**

District PERMIAN BASIN	County REAGAN	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location SEC 1, BLK 49, UNIVERSITY LAND	API/UWI 4238338628	Latitude (°) 31° 7' 52.934" N	Longitude (°) 101° 23' 24.782" W	Ground Elev... 2,761.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,786.00	Tubing Head Elevation (ft)

**Jobs**

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 12,119.0	Authorized Depth TVD (ftKB)	API/UWI 4238338628
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**Costs**

WBS Number XX-101082.01.SLC;XX-101082.01.DRL;XX-101082.01.CMP;XX-101082.01.EQP;XX-101082.01.TIE	Planned Days (days) 20.50	Daily Cost (Cost) \$93,668	Cum To Date (Cost) \$1,500,477	Total WBS+Sup (Cost) \$4,339,797	Job % Complete (%) 67.8
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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	15.56	\$93,668	\$1,500,477	\$1,542,232	\$41,755

**Daily Operations**

Rig CACTUS DRILLING COMPANY, 138					
Drilled Last 24 Hours (ft) 1,009.00	End Depth (ftKB) 6,609.0	End Depth (TVD) (ftKB)	DFS (days) 7.00	Report Number 16	Report End Date 4/16/2014
Last Casing String INTERMEDIATE 1, 4,612.3ftKB					
Status at 6 AM TRIPPING IN HOLE WITH 2.12 CURVE ASSEMBLY			24 Hour Forecast BUILD CURVE TO 90.12 DEGREES, TRIP OUT OF HOLE WITH CURVE ASSEMBLY, PICK UP 1.50 LATERAL ASSEMBLY, TRIP BACK IN HOLE AND DRILL LATERAL SECTION		

**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 5,600' TO 6,472', 872 @ 124 FPH, TD VERTICAL @ 6,472' (50' HIGH FROM KOP) WOB=25, GPM=600, RPM=70, TQ=11,700, STKS=140, PSI=3,100
13:00	19:30	6.50	DRLG	ACTIVE	ROTATE AND SLIDE 8 3/4" CURVE SECTION FROM 6,472' TO 6,609', 137' @ 21 FPH, WOB=25, GPM=500, RPM=15, TQ=11,700, STKS=110, PSI=2,350  @ 6,567' TVD WAS CHANGE 20', FROM 7,097' TO 7077'  LAST SAMPLE @ 6,608' 30% LIMESTONE, 70% SHALE  LAST SURVEY @ 6,557' AS PER PLAN THREE TVD= 6,541.47' INC= 11.76 AZM.= 20.05 AHEAD=0' LEFT=0' NTL= 8.51 MOTOR YIELD=11.00 GAMMA=174  LAST 24 HRS DRILLED= 1,009' SLIDE= 155' ROTATE=854'  DEVON SAFETY MAN ON LOCATION FOR 0 HOUR'S NO INCIDENT'S, ACCIDENT'S OR SPILLS AT REPORT TIME
19:30	20:30	1.00	CIRC	ACTIVE	CIRCULATE 2 HIGH VISCOSITY SWEEPS AT 6,609' TO CLEAN HOLE, 1 ST SWEEP 10% INCREASE IN SMALL CUTTINGS, 2ND SWEEP 5% INCREASE, CIRCULATE TILL SHAKERS CLEAN .  REASON FOR PULLING VERTICAL/CURVE BHA WAS DUE TO LOW ROP, MOTOR STALLING, AND UNABLE TO HOLD PROPER TOOLFACES
20:30	01:30	5.00	TRIP	ACTIVE	TRIP OUT OF HOLE ON ELEVATORS WITH MIN DRAG FROM 6,609' TO 138'. MONITORING WELL ON TRIP TANK, HOLE TAKING PROPER FILL
01:30	02:30	1.00	BHA	ACTIVE	LAY DOWN 1.83 VERTICAL/CURVE MOTOR AND BIT, FUNCTION TEST BOP'S, PICK UP 2.12 CURVE MOTOR AND MM64D BIT TEST MOTOR 400 GPM, GOOD TEST
02:30	06:00	3.50	TRIP	ACTIVE	TRIP IN HOLE FROM 138' TO 3,000' WITH 2.12 CURVE ASSEMBLY. FILLING PIPE EVERY 2,000'



**UNIVERSITY 49-1 6H**  
Wellbore Name: OH

**WEST UNRESTRICTED**  
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**Partner Report**

**Report # 17 Date: 4/17/2014 06:00**

District PERMIAN BASIN	County REAGAN	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location SEC 1, BLK 49, UNIVERSITY LAND	API/UWI 4238338628	Latitude (°) 31° 7' 52.934" N	Longitude (°) 101° 23' 24.782" W	Ground Elev... 2,761.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,786.00	Tubing Head Elevation (ft)

**Jobs**

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 12,119.0	Authorized Depth TVD (ftKB)	API/UWI 4238338628
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**Costs**

WBS Number XX-101082.01.SLC;XX-101082.01.DRL;XX-101082.01.CMP;XX-101082.01.EQP;XX-101082.01.TIE	Planned Days (days) 20.50	Daily Cost (Cost) \$91,677	Cum To Date (Cost) \$1,592,154	Total WBS+Sup (Cost) \$4,339,797	Job % Complete (%) 71.3
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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	16.56	\$91,677	\$1,592,154	\$1,542,232	(\$49,922)

**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
913.00	7,522.0		8.00	17	4/17/2014

Last Casing String INTERMEDIATE 1, 4,612.3ftKB
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Status at 6 AM DRILLING CURVE SECTION AT 7,522'	24 Hour Forecast FINISH BUILDING CURVE SECTION, CIRC. HOLE CLEAN, POOH LAY DOWN CURVE BHA AND P/U LATERAL BHA, TIH, DRILL LATERAL SECTION
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**Time Log**

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	07:30	1.50	TRIP	ACTIVE	CONTINUE TRIPPING IN HOLE FROM 3,000' TO 6,609' WITH 2.12 CURVE ASSEMBLY. FILLING PIPE EVERY 2,000'
07:30	20:30	13.00	DRLG	ACTIVE	ROTATE AND SLIDE 8 3/4" CURVE SECTION FROM 6,609' TO 7,334', 725' @ 55' FPH, WOB=25, GPM=500, RPM=15, TQ=11,700, STKS=120, PSI=3,000
20:30	04:00	7.50	RIGSVC	ACTIVE	ENCODER FOR DRAW WORKS ON THE EDS SYSTEM FAILED TROUBLE SHOOT SAME, CALLED CACTUS TECH TO REPAIR, TECH ARRIVED ON LOCATION AT 02:00 AM, REPAIRED ENCODER AND RECALIBRATED SAME
04:00	06:00	2.00	DRLG	ACTIVE	ROTATE AND SLIDE 8 3/4" CURVE SECTION FROM 7,334' TO 7,522', 188' @ 94' FPH, WOB=26, GPM=500, RPM=15, TQ=12,700, STKS=120, PSI=3,000  LAST SAMPLE @ 7,400' 20% LIMESTONE, 80% SHALE  LAST SURVEY @ 7,315" AS PER PLAN THREE TVD=7,058' INC= 75.67 AZM.= 2.00 AHEAD=2' LEFT=6' NTL= 12 MOTOR YIELD=12 GAMMA=86  LAST 24 HRS DRILLED= 913' SLIDE= 633' ROTATE=280'



**UNIVERSITY 49-1 6H**  
Wellbore Name: OH

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**Partner Report**

**Report # 18 Date: 4/18/2014 06:00**

District PERMIAN BASIN	County REAGAN	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location SEC 1, BLK 49, UNIVERSITY LAND	API/UWI 4238338628	Latitude (°) 31° 7' 52.934" N	Longitude (°) 101° 23' 24.782" W	Ground Elev... 2,761.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,786.00	Tubing Head Elevation (ft)

**Jobs**

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 12,119.0	Authorized Depth TVD (ftKB)	API/UWI 4238338628
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**Costs**

WBS Number XX-101082.01.SLC;XX-101082.01.DRL;XX-101082.01.CMP;XX-101082.01.EQP;XX-101082.01.TIE	Planned Days (days) 20.50	Daily Cost (Cost) \$83,005	Cum To Date (Cost) \$1,675,159	Total WBS+Sup (Cost) \$4,339,797	Job % Complete (%) 72.5
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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	17.56	\$83,005	\$1,675,159	\$1,542,232	(\$132,927)

**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	7,522.0		9.00	18	4/18/2014
Last Casing String					
INTERMEDIATE 1, 4,612.3ftKB					
Status at 6 AM			24 Hour Forecast		
TRIPPING IN THE HOLE AT 2,515'			TIH W/LATERAL BHA, CUT DRILL LINE, CONTINUE TRIPPING IN HOLEDRI LATERAL SECTION FROM 7,522'		

**Time Log**

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	07:30	1.50	CIRC	ACTIVE	CIRCULATE 2 HIGH VISCOSITY SWEEPS AT 7,522' TO CLEAN HOLE,1 ST SWEEP 10% INCREASE IN SMALL CUTTINGS, 2ND SWEEP 5% INCREASE, CIRCULATE TILL SHAKERS CLEAN
07:30	12:30	5.00	TRIP	ACTIVE	TRIP OUT OF HOLE ON ELEVATORS FROM 7,522' TO 115'. HOLE WAS SLICK AND TOOK PROPER FILL, MONITOR PUSO ON RIG FLOOR
12:30	14:00	1.50	BHA	ACTIVE	LAY DOWN 2.12 CURVE MOTOR, FUNCTION TEST BOP'S, PICK UP 1.50 LATERAL MOTOR AND MM65DRM BIT TEST MOTOR 400 GPM, GOOD TEST
14:00	16:30	2.50	TRIP	ACTIVE	TRIP IN HOLE WITH LATERAL ASSEMBLY FROM 115' TO 4,641' FILLING PIPE EVERY 2000'
16:30	17:30	1.00	RMWASH	ACTIVE	WASH AND REAM FROM 4,641' TO 4,807' DUE TO TIGHT HOLE, AT 4,807' TORQUED UP TO 18,500 FT. LBS. LOSSED PUMP PRESURE AND 50K STRING WEIGHT SAFETY JOINT WAS AT 2,313' IN HOLE WHEN SAFETY JOINT BACKED OUT DROPPING BHA,
17:30	19:30	2.00	TRIP	ACTIVE	TRIP IN HOLE TAG FISH AT 5,028' PICKED UP GOT PICK UP AND SLACK OFF WEIGHT'S P/U=180 S/O= 165, PUMPED 150 GPM AND ROTATED AT 10 RPM SCREWED IN TO FISH AND TORQUE FISH TO 15,000 FT,LBS, PICKED UP ON FISH P/U=235, FISH WAS ROTATING AND FREE
19:30	02:00	6.50	TRIP	ACTIVE	TRIP OUT OF HOLE WITH FISH FROM 7,522' TO 115', FILLING HOLE EVERY 2,000'
02:00	04:30	2.50	BHA	ACTIVE	LAY DOWN ALL DIRECTIONAL BHA 1.50 LATERAL MOTOR, FUNCTION TEST BOP'S, PICK UP 1.50 LATERAL MOTOR, ALL NEW DIRECTIONAL TOOL'S AND MM65DRM BIT TEST MOTOR 400 GPM, GOOD TEST
04:30	06:00	1.50	TRIP	ACTIVE	TRIP IN HOLE WITH LATERAL ASSEMBLY FROM 115' TO 2,515' FILLING PIPE EVERY 2000' ,

**UNIVERSITY 49-1 6H**

Wellbore Name: OH

**WEST UNRESTRICTED****CONFIDENTIAL****Partner Report****Report # 19 Date: 4/19/2014 06:00**

District PERMIAN BASIN	County REAGAN	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location SEC 1, BLK 49, UNIVERSITY LAND	API/UWI 4238338628	Latitude (°) 31° 7' 52.934" N	Longitude (°) 101° 23' 24.782" W	Ground Elev... 2,761.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,786.00	Tubing Head Elevation (ft)

**Jobs**

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 12,119.0	Authorized Depth TVD (ftKB)	API/UWI 4238338628
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**Costs**

WBS Number XX-101082.01.SLC;XX-101082.01.DRL;XX-101082.01.CMP;XX-101082.01.EQP;XX-101082.01.TIE	Planned Days (days) 20.50	Daily Cost (Cost) \$73,930	Cum To Date (Cost) \$1,749,089	Total WBS+Sup (Cost) \$4,339,797	Job % Complete (%) 77.5
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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	18.56	\$73,930	\$1,749,089	\$1,542,232	(\$206,857)

**Daily Operations**

Rig

CACTUS DRILLING COMPANY, 138

Drilled Last 24 Hours (ft) 1,618.00	End Depth (ftKB) 9,140.0	End Depth (TVD) (ftKB)	DFS (days) 10.00	Report Number 19	Report End Date 4/19/2014
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Last Casing String

INTERMEDIATE 1, 4,612.3ftKB

Status at 6 AM

DRILLING LATERAL SECTION AT 9,140'

24 Hour Forecast

DRILL LATERAL SECTION FROM 9,140'

**Time Log**

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	07:00	1.00	TRIP	ACTIVE	TRIP IN HOLE WITH LATERAL ASSEMBLY FROM 115' TO 4,612' FILLING PIPE EVERY 2000' ,
07:00	08:30	1.50	RIGSVC	ACTIVE	HANG BLOCK OFF AND CUT 90' OF DRILL LINE
08:30	09:00	0.50	RIGSVC	ACTIVE	SERVICE RIG AND TOP DRIVE
09:00	15:30	6.50	RMWASH	ACTIVE	WASH AND REAM TIGHT HOLE FROM 4,612' TO 7,522'. GPM=450, P.P.=2,000, RPM=60 WOB=0-3K
15:30	23:30	8.00	DRLG	ACTIVE	ROTATE AND SLIDE 8 3/4" LATERAL SECTION FROM 7,522',TO 8,657' (1,135' TOTAL FEET DRILLED) @ 141' FPH, WOB=30, GPM=500, DIFF=575,STKS=120, PSI=3200, RPM=100
23:30	02:00	2.50	RIGSVC	ACTIVE	PRESSURE RELEASE VALVE ON MUD PUMP'S WAS LEAKING, REMOVED SAME AND REBUILT AND REINSTALLED
02:00	06:00	4.00	DRLG	ACTIVE	ROTATE AND SLIDE 8 3/4" LATERAL SECTION FROM 8,657' TO 9,140' (483' TOTAL FEET DRILLED) @ 120 FPH, WOB=30, GPM=500, DIFF=600,STKS=120, PSI=3300, RPM=100  LAST SAMPLE @ 8,950' 100% SHALE  LAST SURVEY @ 8,977' TVD=7,076' INC.=89.29 AZM.=1.08 HIGH= 0' LEFT= 11'  FOOTAGE LAST 24 HRS= 1,618' SLIDE=240' ROTATE=1,378'  DEVON SAFETY MAN ON LOCATION FOR 0 HOUR'S NO SPILL'S, ACCIDENT'S OR INCIDENT'S AT REPORT TIME



**UNIVERSITY 49-1 6H**  
Wellbore Name: OH

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**Partner Report**

**Report # 20 Date: 4/20/2014 06:00**

District PERMIAN BASIN	County REAGAN	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location SEC 1, BLK 49, UNIVERSITY LAND	API/UWI 4238338628	Latitude (°) 31° 7' 52.934" N	Longitude (°) 101° 23' 24.782" W	Ground Elev... 2,761.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,786.00	Tubing Head Elevation (ft)

**Jobs**

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 12,119.0	Authorized Depth TVD (ftKB)	API/UWI 4238338628
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**Costs**

WBS Number XX-101082.01.SLC;XX-101082.01.DRL;XX-101082.01.CMP;XX-101082.01.EQP;XX-101082.01.TIE	Planned Days (days) 20.50	Daily Cost (Cost) \$100,202	Cum To Date (Cost) \$1,849,292	Total WBS+Sup (Cost) \$4,339,797	Job % Complete (%) 87.0
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	19.56	\$100,202	\$1,849,292	\$1,542,232	(\$307,060)

**Daily Operations**

Rig CACTUS DRILLING COMPANY, 138					
Drilled Last 24 Hours (ft) 2,922.00	End Depth (ftKB) 12,062.0	End Depth (TVD) (ftKB) 7,080.3	DFS (days) 11.00	Report Number 20	Report End Date 4/20/2014
Last Casing String INTERMEDIATE 1, 4,612.3ftKB					
Status at 6 AM PERFORMING 8 HR. CLEAN UP CYCLE AT 12,062'			24 Hour Forecast PERFORM CLEAN UP CYCLE, POOH, LAY DOWN LATERAL BHA, R/U CASING CREW, RUN 5.5 PROD CASING		

**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	04:00	21.50	DRLG	ACTIVE	ROTATE AND SLIDE 8 3/4" LATERAL SECTION FROM 9,140' TO 12,062' (2,922' TOTAL FEET DRILLED) @XX FPH, WOB=30, GPM=500, DIFF=600,STKS=120, PSI=3300, RPM=100  LAST SAMPLE @ 12,062' 100% SHALE  LAST SURVEY PLAN #4 @ 12,062' TVD=7,081' INC.=89.23 AZM.=4.05 LOW=3.5 LEFT= 2.5  FOOTAGE LAST 24 HRS= 2,922' SLIDE=371' ROTATE=2,551'
04:00	06:00	2.00	CIRC	ACTIVE	CIRCULATE 8 HOUR CLEAN UP CYCLE @ 12,062' RECIPROCATING PIPE 1.5 MIN A STAND RPM-95 GPM-460 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  DEVON SAFETY MAN ON LOCATION FOR 3 HOUR'S NO SPILL'S, ACCIDENT'S OR INCIDENT'S AT REPORT TIME



**UNIVERSITY 49-1 6H**  
Wellbore Name: OH

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**Partner Report**

**Report # 21 Date: 4/21/2014 06:00**

District PERMIAN BASIN	County REAGAN	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location SEC 1, BLK 49, UNIVERSITY LAND	API/UWI 4238338628	Latitude (°) 31° 7' 52.934" N	Longitude (°) 101° 23' 24.782" W	Ground Elev... 2,761.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,786.00	Tubing Head Elevation (ft)

**Jobs**

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 12,119.0	Authorized Depth TVD (ftKB)	API/UWI 4238338628
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**Costs**

WBS Number XX-101082.01.SLC;XX-101082.01.DRL;XX-101082.01.CMP;XX-101082.01.EQP;XX-101082.01.TIE	Planned Days (days) 20.50	Daily Cost (Cost) \$306,327	Cum To Date (Cost) \$2,155,619	Total WBS+Sup (Cost) \$4,339,797	Job % Complete (%) 91.5
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	20.56	\$306,327	\$2,155,619	\$1,542,232	(\$613,387)

**Daily Operations**

Rig CACTUS DRILLING COMPANY, 138					
Drilled Last 24 Hours (ft) 0.00	End Depth (ftKB) 12,062.0	End Depth (TVD) (ftKB) 7,080.3	DFS (days) 12.00	Report Number 21	Report End Date 4/21/2014
Last Casing String INTERMEDIATE 1, 4,612.3ftKB					
Status at 6 AM RUNNING 5.5 PROD. CASING AT 8,500'			24 Hour Forecast FINISH RUNNING 5.5 PRODUCTION CASING, CIRC. HOLE CLEAN, CEMENT 5.5 PROD. CASING, NIPPLE DOWN SET CASING SLIP'S, CLEAN MUD TANK'S AND PERPARE RIG FOR SKID		

**Time Log**

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	11:00	5.00	CIRC	ACTIVE	CONTINUE CIRCULATING 8 HOUR CLEAN UP CYCLE @ 12,062' RECIPICATING PIPE 1.5 MIN A STAND RPM-100 GPM-500 PUMPING HIGH VIS SWEEPS,
11:00	12:00	1.00	CIRC	ACTIVE	PERFORM FLUID CALIPER LOG, AVERAGE HOLE SIZE=9 1/2, WASH OUT=26%
12:00	14:30	2.50	TRIP	ACTIVE	TRIP OUT OF HOLE ON ELEVATORS 12,062' TO 6,576' MONITORING PUSO CHART ON RIG FLOOR, HOLE WAS SLICK AND TOOK PROPER FILL UPS
14:30	16:00	1.50	DPIPE	ACTIVE	LAY DOWN 45 JOINTS OF 5" HWDP ON ELEVATORS FROM 6,576' TO 5,188'
16:00	18:00	2.00	TRIP	ACTIVE	CONTINUE PULLING OUT HOLE WITH 5" DRILL PIPE ON ELEVATORS FROM 5,188' TO 117'. HOLE WAS SLICK AND TAKING PROPER FILL
18:00	19:30	1.50	BHA	ACTIVE	LAY DOWN LATERAL BHA EM TOOL AND DIRECTIONAL TOOLS
19:30	20:30	1.00	RIGSVC	ACTIVE	PULL WEAR BUSHING AND REMOVE RIG BAIL'S, ELEVATOR'S AND CLEAR RIG FLOOR OF HANDLING TOOL'S
20:30	21:00	0.50	SAFETY	ACTIVE	SAFETY MEETING WITH TESCO, RIG CREWS, AND DEVON ON RIGGING UP CRT, AND CASING TOOLS TO RUN 5 1/2" P110 17# MS DWC/C PRODUCTION CASING
21:00	06:00	9.00	CSG	ACTIVE	MAKE UP SHOE TRACK AND EXPRO FRACK SLEEVE, TORQUE TO DIAMOND 5,500 F/LBS, BREAK CIRCULATION THROUGH SHOE AND FLOAT EQUIPMENT AND RUN 5 1/2" P110 17# MS DWC/C CASING TO 8,500' TORQUE CASING TO 12,900 FT LBS WITH TORQUE TURN MONITORING . FILLING PIPE EVERY 2,000'
SAFETY TECH ON LOCATION 12 HOURS. NO INCIDENTS, ACCIDENTS ARE SPILLS					



**UNIVERSITY 49-1 6H**  
Wellbore Name: OH

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**Partner Report**

**Report # 22 Date: 4/22/2014 06:00**

District	County	Field Name	Project Group	State/Province			
PERMIAN BASIN	REAGAN	LIN (WOLFCAMP)	PB TEXAS EAST	TX			
Surface Legal Location	API/UWI	Latitude (°)	Longitude (°)	Ground Elev...	KB - GL (ft)	Orig KB Elev (ft)	Tubing Head Elevation (ft)
SEC 1, BLK 49, UNIVERSITY LAND	4238338628	31° 7' 52.934" N	101° 23' 24.782" W	2,761.00	25.00	2,786.00	

**Jobs**

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 12,119.0	Authorized Depth TVD (ftKB)	API/UWI 4238338628
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**Costs**

WBS Number XX-101082.01.SLC;XX-101082.01.DRL;XX-101082.01.CMP;XX-101082.01.EQP;XX-101082.01.TIE	Planned Days (days) 20.50	Daily Cost (Cost) \$243,975	Cum To Date (Cost) \$2,400,094	Total WBS+Sup (Cost) \$4,339,797	Job % Complete (%) 95.9
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	21.56	\$243,975	\$2,400,094	\$1,542,232	(\$857,862)

**Daily Operations**

Rig CACTUS DRILLING COMPANY, 138					
Drilled Last 24 Hours (ft) 0.00	End Depth (ftKB) 12,062.0	End Depth (TVD) (ftKB) 7,080.3	DFS (days) 13.00	Report Number 22	Report End Date 4/22/2014
Last Casing String PRODUCTION 1, 12,055.1ftKB					
Status at 6 AM RELEASE RIG AT 06:00			24 Hour Forecast RELEASE RIG AT 06:00		

**Time Log**

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	12:00	6.00	CSG	ACTIVE	CONTINUE RUNNING 5 1/2" P110 17# MS DWC/C CASING TO 12,062' TORQUE CASING TO 12,900 FT LBS WITH TORQUE TURN MONITORING . FILLING PIPE EVERY 2,000'
12:00	13:00	1.00	RIGSVC	ACTIVE	RIG DOWN CRT TOOL AND RIG UP BAIL'S AND ELEVATOR'S, INSTALL CEMENT HEAD AND CHICKSON'S
13:00	13:30	0.50	CSG	ACTIVE	REMOVE COLLAR ON CASING AND INSTALL A NEW ONE, DAMAGED COLLAR WHEN BACKING OUT TAG JOINT
13:30	15:00	1.50	CIRC	ACTIVE	CIRCULATE CASING @ 12,062', CIRC 1 1/2 TIMES THE CAPACITY THE CASING TO ENSURE THE FLOAT EQUIPMENT IS CLEAR PRIOR TO CEMENTING, 450 GPM 600 PSI.  CONTACTED TRRC ON 4/20/2014 @ 08:00 PM WITH INTENT TO CEMENT 5 1/2" 17LB DWC/C PRODUCTION CASING, SPOKE WITH CINDY
15:00	15:30	0.50	SAFETY	ACTIVE	HELD A SAFETY MEETING WITH BAKER, CACTUS DRILLING AND DEVON, ON CEMENTING 5.5 PRODUCTION CASING
15:30	18:30	3.00	CMTPRI	ACTIVE	CEMENT 5 1/2" 17LB DWC/C P-110 PRODUCTION CASING. SPACER 30 BBL 30.0 PPG SEAL BOND , 30 BBLS OF 10.0 PPG BRINE WATER , 30 BBL 10.0 PPG SEAL BOND, 775 SKS 11.8 PPG LEAD SLURRY 50:50 POZ CLASS H, YIELD 2.38 , 1,335 SACKS 14.2 PPG YIELD 1.28 TAIL SLURRY POZ CLASS H 50:50, DISPLACE WITH 10% ACETIC ACID 24 BBLS, 2% KCL AT 279 BBLS TOTAL, FULL RETURNS THROUGH OUT JOB, 85 BBL'S OF CEMENT BACK, PLUG BUMPED, 2 BBL'S BLEED BACK, FLOAT HELD
18:30	19:30	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
19:30	22:30	3.00	BOPS	ACTIVE	RIG UP LONESTAR NIPPLE UP CREW NIPPLE DOWN BOPS, TAKE OFF FLOW LINE, HYDRAULIC LINES, TURNBUCKLES, POLLUTION PAN, RIG UP LONESTAR BREAK BOLTS ON STACK AND RAISE STACK
22:30	00:00	1.50	BOPS	ACTIVE	SET 5.5 CASING SLIPS WITH 140K IN WELL HEAD WITH FMC HAND. MAKE FINAL CUT ON CSG AN REMOVE CUT JT.
00:00	00:30	0.50	BOPS	ACTIVE	INSTALL WELL CAP AND TEST TO 4,000 PSI. WITNESSED BY CO-MAN
00:30	06:00	5.50	RIGSVC	ACTIVE	CLEAN MUD TANK'S AND PERPARE RIG FOR SKID  RELEASE RIG AT 06:00 AM



**UNIVERSITY 49-1 6H**  
Wellbore Name: OH

**WEST UNRESTRICTED**  
**CONFIDENTIAL**

**Partner Report**

**Report # 23 Date: 5/10/2014 06:00**

District	County	Field Name	Project Group	State/Province			
PERMIAN BASIN	REAGAN	LIN (WOLFCAMP)	PB TEXAS EAST	TX			
Surface Legal Location	API/UWI	Latitude (°)	Longitude (°)	Ground Elev...	KB - GL (ft)	Orig KB Elev (ft)	Tubing Head Elevation (ft)
SEC 1, BLK 49, UNIVERSITY LAND	4238338628	31° 7' 52.934" N	101° 23' 24.782" W	2,761.00	25.00	2,786.00	

**Jobs**

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 12,119.0	Authorized Depth TVD (ftKB)	API/UWI 4238338628
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**Costs**

WBS Number XX-101082.01.SLC;XX-101082.01.DRL;XX-101082.01.CMP;XX-101082.01.EQP;XX-101082.01.TIE	Planned Days (days) 20.50	Daily Cost (Cost) \$17,150	Cum To Date (Cost) \$2,440,640	Total WBS+Sup (Cost) \$4,339,797	Job % Complete (%)
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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	21.56	\$0	\$2,423,490	\$1,542,232	(\$881,258)
COMPLETION	1.00	\$17,150	\$17,150	\$0	

**Daily Operations**

Rig					
Drilled Last 24 Hours (ft)	End Depth (ftKB)	End Depth (TVD) (ftKB)	DFS (days)	Report Number	Report End Date
0.00	12,062.0	7,080.3	31.00	23	5/10/2014

Last Casing String PRODUCTION 1, 12,055.1ftKB
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Status at 6 AM WOC	24 Hour Forecast MIRU CT RIG TO TCP 1ST STAGE PERFS, BD PERFS
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**Time Log**

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	14:00	8.00	INACTIVE	INACTIVE	INACTIVE, CREWS WORKING ON ULS 49-1 5H
14:00	14:30	0.50	RIGU	ACTIVE	MIRU OIL STATES WHIT, RAIDER PUMPDOWN TRUCK, PUMPCO ACID TRANSPORT. PRESSURE TEST LINES (PASSED)
14:30	15:00	0.50	PCHECK	ACTIVE	OWHP - 0#  PRESSURED UP TO 6550#, HELD FOR 5 MIN (PASSED)  PRESSURED UP TO 7500#, HELD FOR 5 MIN  PRESSURED UP TO 8000#, HELD FOR APPROX 20 SEC, SLEEVE OPENED @ 8000#  ESTABLISHED 10 BPM RATE @ 6500#, PUMPED 40 BBLS AND PRESSURE BEGAN TO SPIKE UP OCCASIONALLY TO 7500#. PUMPED 60 BBLS TOTAL @ A MAX PSI OF 7600#  SI
15:00	18:00	3.00	WIRELINE	ACTIVE	MIRU ALLIED WIRELINE  RIH W/ PERF GUNS AS SUCH 3-3/8" GUNS, 60 PHASING, .42" EHD, 25G CONNEX CHARGES  BEGAN PUMPDOWN. 4 BPM @ 6500#. WHEN TRYING TO BRING RATE UP TO 8 BPM PRESSURE WOULD IMMEDIATELY SPIKE UP TO 8500# KNOCKING PUMPS OFFLINE.  REPEATED PROCESS 3 MORE TIMES WITH SAME RESULTS.  OKC ENGINEER RANDY MENDENHALL CONTACTED, DECISION WAS MADE TO MOVE IN CT RIG TO TCP 1ST STAGE PERFS  RDMO ALLIED WIRELINE, RAIDER PUMPDOWN, PUMPCO ACID TRANSPORT
18:00	06:00	12.00	SHUTDOWN	ACTIVE	SIFN



**UNIVERSITY 49-1 6H**  
**Wellbore Name: OH****WEST UNRESTRICTED**  
**CONFIDENTIAL****Partner Report****Report # 24 Date: 5/11/2014 06:00**

District PERMIAN BASIN	County REAGAN	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location SEC 1, BLK 49, UNIVERSITY LAND	API/UWI 4238338628	Latitude (°) 31° 7' 52.934" N	Longitude (°) 101° 23' 24.782" W	Ground Elev... 2,761.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,786.00	Tubing Head Elevation (ft)

**Jobs**

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 12,119.0	Authorized Depth TVD (ftKB)	API/UWI 4238338628
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**Costs**

WBS Number XX-101082.01.SLC;XX-101082.01.DRL;XX-101082.01.CMP;XX-101082.01.EQP;XX-101082.01.TIE	Planned Days (days) 20.50	Daily Cost (Cost) \$41,700	Cum To Date (Cost) \$2,482,340	Total WBS+Sup (Cost) \$4,339,797	Job % Complete (%)
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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	21.56	\$0	\$2,423,490	\$1,542,232	(\$881,258)
COMPLETION	2.00	\$41,700	\$58,850	\$0	

**Daily Operations**

Rig											
Drilled Last 24 Hours (ft)	0.00	End Depth (ftKB)	12,062.0	End Depth (TVD) (ftKB)	7,080.3	DFS (days)	32.00	Report Number	24	Report End Date	5/11/2014

Last Casing String PRODUCTION 1, 12,055.1ftKB
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Status at 6 AM SI	24 Hour Forecast SI UNTIL FRAC DATE
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**Time Log**

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	09:00	3.00	TRAVEL	ACTIVE	CREWS TRAVEL TO LOCATION
09:00	14:00	5.00	RIGU	ACTIVE	MIRU IPS COIL TBG, CORNELL SOLUTIONS, ALLIED WIRELINE TCP, NICHOLS OIL TOOLS FLOW BACK IRON.
14:00	15:00	1.00	KILLOP	ACTIVE	OWHP - 1750#
15:00	22:30	7.50	PERF	ACTIVE	MIRU RAIDER PUMPDOWN TRUCK TO FLOW BACK IRON. PRESSURED UP FLOW BACK IRON TO 1750# EQUALIZING WITH WH PRESSURE. FLOWED BACK PRESSURE INTO FRAC TANK TO BRING WELL TO A STATIC CONDITION. FLOWED BACK .5 BBL RIH WITH 2-3/8" CT TO PERFORATE AS SUCH 11,899' - 11,897' 6 SPF 12 TOTAL 11,839' - 11,837' 6 SPF 12 TOTAL 11,779' - 11,777' 6 SPF 12 TOTAL 3-3/8" GUNS, 25G CONNEX CHARGES, 60 PHASING, .42" EHD. FIRST GUN BALL DROP FIRING HEAD, LAST TWO GUNS FIRED BY 6 MIN TIME DELAY. POOH ; ALL SHOTS FIRED RD FROM WH
22:30	23:30	1.00	STIM	ACTIVE	MIRU PUMPCO ACID TRANSPORT BD PERFS W/ 15% HCL ACID AND OVER FLUSH WITH BIO WATER ESTABLISHED 11.5 BPM RATE @ 6150# PERFS BD FROM 6200# TO 4210# ISIP - 3145# TOTAL FLUID PUMPED - 375 BBLs
23:30	01:30	2.00	RIGD	ACTIVE	RDMO IPS CT UNIT, RAIDER PUMPDOWN TRUCK, PUMPCO ACID TRANSPORT, ALLIED WIRELINE TCP GUNS
01:30	06:00	4.50	SHUTDOWN	ACTIVE	SI UNTIL FRAC



**UNIVERSITY 49-1 6H**  
**Wellbore Name: OH**

**WEST UNRESTRICTED**  
**CONFIDENTIAL**

**Partner Report**

**Report # 25 Date: 5/15/2014 06:00**

District PERMIAN BASIN	County REAGAN	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location SEC 1, BLK 49, UNIVERSITY LAND	API/UWI 4238338628	Latitude (°) 31° 7' 52.934" N	Longitude (°) 101° 23' 24.782" W	Ground Elev... 2,761.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,786.00	Tubing Head Elevation (ft)

**Jobs**

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 12,119.0	Authorized Depth TVD (ftKB)	API/UWI 4238338628
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**Costs**

WBS Number XX-101082.01.SLC;XX-101082.01.DRL;XX-101082.01.CMP;XX-101082.01.EQP;XX-101082.01.TIE	Planned Days (days) 20.50	Daily Cost (Cost) \$298,080	Cum To Date (Cost) \$2,780,420	Total WBS+Sup (Cost) \$4,339,797	Job % Complete (%)
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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	21.56	\$0	\$2,423,490	\$1,542,232	(\$881,258)
COMPLETION	3.00	\$298,080	\$356,930	\$0	

**Daily Operations**

Rig					
Drilled Last 24 Hours (ft)	End Depth (ftKB)	End Depth (TVD) (ftKB)	DFS (days)	Report Number	Report End Date
0.00	12,062.0	7,080.3	36.00	25	5/15/2014

Last Casing String  
PRODUCTION 1, 12,055.1ftKB

Status at 6 AM WL OPERATIONS	24 Hour Forecast CONTINUE FRAC OPS
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**Time Log**

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	08:00	2.00	RIGU	ACTIVE	MIRU TRICAN FRAC CREW, SELECT WATER TRANSFER, OIL STATES ISO TOOL, OIL STATES FLOWBACK, NAC FRAC TANKS, ALLIED WIRELINE, HES CFP, PEL-STATE FUEL.
08:00	09:00	1.00	RIGU	ACTIVE	HELD PJSM WITH TRICAN FRAC CREW AND ALL CONTRACTORS TO FRAC THE STG 1 PERFS FROM 11,777' - 11,899' (48 HOLES), 235,326 GAL FRESH WATER, 50,000 LBS 100 MESH WHITE SAND 187,500 LBS 40/70 PREMIUM WHITE SAND , THRU OIL STATES ISO TOOL. DOWN 5-1/2" 17# P-110 GRADE CSG @ 80 BPM.
09:00	12:30	3.50	STIM	ACTIVE	SC OPEN. SICP 1,280 PSI. PUMPED 1,000 GAL ACID IN ONE STAGE. ACID ON PERFS - 7,200 PSI @ 30 BPM. ACID CLEARED PERFS - 4,521 PSI @ 32 BPM. PUMP REMAINDER OF JOB AS PER DESIGN USING 6,359 BBLS FLUID. 49,000 LBS 100 MESH WHITE SAND 187,500 LBS 40/70 PREMIUM WHITE SAND, JOB/MAX PRESSURE 8,016 PSI, AVG PRESSURE 5,784 PSI, AVG RATE 79 BPM. ISIP- 2,295 PSI W/ FG 0.76 PSI / FT. OPEN WELL @ 8:55 HRS, SD @ 10:45 HRS. SWI.
12:30	14:30	2.00	PERF	ACTIVE	RU ALLIED WIRELINE, RIH W/ HES 5-1/2" PLUG (4) 3-3/8" PERF GUNS. SET CBP @ 11,747'. PERF STG 2 PERFS W/ 4 CLUSTER AS FOLLOWED 11,537' - 11,539' (12 HOLES), 11,597' - 11,599' (12 HOLES), 11,657' - 11,659' (12 HOLES), 11,717' - 11,719' ( 12 HOLES ), POH W/ GUN & SETTING TOOL. ALL 48 SHOTS FIRED. USED 350 BBLS DURING PUMP DOWN. SWI.
14:30	17:00	2.50	SHUTDOWN	ACTIVE	SI WHILE FRACING THE 5H
17:00	18:00	1.00	RIGU	ACTIVE	HELD PJSM WITH TRICAN FRAC CREW AND ALL CONTRACTORS TO FRAC THE STG 1 PERFS FROM 11,537' - 11,719' (48 HOLES), 6,044 BBLS FRESH WATER, 50,000 LBS 100 MESH WHITE SAND 187,500 LBS 40/70 PREMIUM WHITE SAND , THRU OIL STATES ISO TOOL. DOWN 5-1/2" 17# P-110 GRADE CSG @ 80 BPM.
18:00	20:30	2.50	STIM	ACTIVE	STG 2 RU TRICAN, SELECT WT, OIL STATES WHIT TO FRAC HORIZONTAL PERFORATIONS 11,537'-11,717', DESIGN 234,276 GALS SLICKWATER, 50,000 LBS 100 MESH AND 187,500 LBS 40/70 OTTAWA SAND DOWN 5-1/2" 17# P-110 CASING. PUMPED AS FOLLOWS: OPENING WELL PSI: 1,940 PSI/ BREAK DOWN: 3,698 PSI AVG PSI:4,861PSI / AVG RATE 76 BPM MAX PRESS: 8,097 PSI / MAX RATE 77 BPM ISIP 2,651 / FG 0.81 PSI/FT USED 3,000 GALS 7.5% HCL ACID USED 6,358 BBLS CLEAN USED 0 BBLS PRODUCED TOTAL LOAD 6,358 BBLS USED 45,000 LBS 100 MESH / USED 188,100 LBS 40/70 OTTAWA SAND PUMPED AS DESIGNED.
20:30	00:00	3.50	PERF	ACTIVE	***NPT SELECT WATER TRANSFER WAS DOWN 1HR DUE TO HOLE IN LINE.***  STG 3 RU ALLIED WIRELINE TO PERF STG 3. PUMPED DOWN 4 EACH 3 3/8" GUNS AND HALLIBURTON DROP BALL CFP TO 11,507' AND SET. PERF STG 3: 11,297'-99', 11,357'-59', 11,417'-19', 11,477'-79'. W/6 SPF 0.42" EHD, 60* PHASED, 25 GRAM CHG ( 6 JSFP ), 48 HOLES TOTAL POOH W/ GUNS & SETTING TOOL. ALL SHOTS FIRED. TRICAN PUMPDOWN BBLS----320 BBLS.

**UNIVERSITY 49-1 6H**

Wellbore Name: OH

**WEST UNRESTRICTED****CONFIDENTIAL****Partner Report****Report # 25 Date: 5/15/2014 06:00**

District PERMIAN BASIN	County REAGAN	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location SEC 1, BLK 49, UNIVERSITY LAND	API/UWI 4238338628	Latitude (°) 31° 7' 52.934" N	Longitude (°) 101° 23' 24.782" W	Ground Elev... 2,761.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,786.00	Tubing Head Elevation (ft)

**Time Log**

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
00:00	03:45	3.75	STIM	ACTIVE	STG 3 RU TRICAN, SELECT WT, OIL STATES WHIT TO FRAC HORIZONTAL PERFORATIONS 11,297'-11,479', DESIGN 234,276 GALS SLICKWATER, 50,000 LBS 100 MESH AND 187,500 LBS 40/70 OTTAWA SAND DOWN 5-1/2" 17# P-110 CASING. PUMPED AS FOLLOWS: OPENING WELL PSI: 2,115 PSI/ BREAK DOWN: 6,490 PSI AVG PSI: 4,754 PSI / AVG RATE 81 BPM MAX PRESS:6,760 PSI / MAX RATE 81 BPM ISIP 2,693 / FG 0.81 PSI/FT USED 3,000 GALS 7.5% HCL ACID USED 6,726 BBLS CLEAN USED 0 BBLS PRODUCED TOTAL LOAD 6,726 BBLS USED 49,840 LBS 100 MESH / USED 189,680 LBS 40/70 OTTAWA SAND PUMPED AS DESIGNED.  *****NPT TRICAN WAS DOWN FOR 1.25 HR DUE TO PUMPS REPAIR. THEN WHILE PUMPING ACID AWAY PUMPS LOST PRIME DUE TO DISCHARGE VALVE WERE CLOSED.***
03:45	06:00	2.25	PERF	ACTIVE	STG 4 RU ALLIED WIRELINE TO PERF STG 4. PUMPED DOWN 4 EACH 3 3/8" GUNS AND HALLIBURTON DROP BALL CFP TO 11,267 AND SET. PERF STG 4: 11,057'-59'; 11,117'-19'; 11,177'-79'; 11,237'-39'. W/6 SPF 0.42" EHD, 60* PHASED, 25 GRAM CHG ( 6 JSPF ), 48 HOLES TOTAL POOH W/ GUNS & SETTING TOOL. ALL SHOTS FIRED. TRICAN PUMPDOWN BBLS----- 334 BBLS.



**UNIVERSITY 49-1 6H**  
Wellbore Name: OH

**WEST UNRESTRICTED**  
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**Partner Report**

**Report # 27 Date: 5/17/2014 06:00**

District PERMIAN BASIN	County REAGAN	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location SEC 1, BLK 49, UNIVERSITY LAND	API/UWI 4238338628	Latitude (°) 31° 7' 52.934" N	Longitude (°) 101° 23' 24.782" W	Ground Elev... 2,761.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,786.00	Tubing Head Elevation (ft)

**Jobs**

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 12,119.0	Authorized Depth TVD (ftKB)	API/UWI 4238338628
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**Costs**

WBS Number XX-101082.01.SLC;XX-101082.01.DRL;XX-101082.01.CMP;XX-101082.01.EQP;XX-101082.01.TIE	Planned Days (days) 20.50	Daily Cost (Cost) \$373,231	Cum To Date (Cost) \$3,535,865	Total WBS+Sup (Cost) \$4,339,797	Job % Complete (%)
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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	21.56	\$0	\$2,423,490	\$1,542,232	(\$881,258)
COMPLETION	5.00	\$373,231	\$1,112,375	\$0	

**Daily Operations**

Rig					
Drilled Last 24 Hours (ft)	End Depth (ftKB)	End Depth (TVD) (ftKB)	DFS (days)	Report Number	Report End Date
0.00	12,062.0	7,080.3	38.00	27	5/17/2014

Last Casing String  
PRODUCTION 1, 12,055.1ftKB

Status at 6 AM WSI	24 Hour Forecast CONTINUE FRAC OPS
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**Time Log**

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	07:00	1.00	SHUTDOWN	ACTIVE	WAIT ON TRICAN TO REPAC PUMPS / PUMP MAINTENANCE
07:00	09:30	2.50	STIM	ACTIVE	STG 8 RU TRICAN, SELECT WT, OIL STATES WHIT TO FRAC HORIZONTAL PERFORATIONS 10,097'-10,279'. DESIGN 234,276 GALS SLICKWATER, 50,000 LBS 100 MESH AND 187,500 LBS 40/70 OTTAWA SAND DOWN 5-1/2" 17# P-110 CASING. PUMPED AS FOLLOWS: OPENING WELL PSI: 2,260 PSI/ BREAK DOWN: 7,723 PSI AVG PSI: 5,100 PSI / AVG RATE 82 BPM MAX PRESS: 8,048 PSI / MAX RATE 82 BPM ISIP 2,860 / FG 0.84 PSI/FT USED 3,000 GALS 7.5% HCL ACID USED 6,327 BBLs CLEAN USED 0 BBLs PRODUCED TOTAL LOAD 6,509 BBLs USED 46,000 LBS 100 MESH / USED 187,520 LBS 40/70 OTTAWA SAND PUMPED AS DESIGNED.
09:30	10:30	1.00	PERF	ACTIVE	STG 9 RU ALLIED WIRELINE TO PERF STG 9. PUMPED DOWN 4 EACH 3 3/8" GUNS AND HALLIBURTON DROP BALL CFP TO 10,067" AND SET. PERF STG 9: 9,857'-59', 9,917'-19', 9,977'-79', 10,037'-39'. W/6 SPF 0.42" EHD, 60* PHASED, 25 GRAM CHG ( 6 JSPF ), 48 HOLES TOTAL POOH W/ GUNS & SETTING TOOL. ALL SHOTS FIRED. TRICAN PUMPDOWN BBLs---- 213 BBLs.
10:30	13:00	2.50			WAIT ON STAGE 8 FRAC ON THE #5
13:00	15:30	2.50	STIM	ACTIVE	STG 9 RU TRICAN, SELECT WT, OIL STATES WHIT TO FRAC HORIZONTAL PERFORATIONS 9,857' - 10,039'. DESIGN 234,276 GALS SLICKWATER, 50,000 LBS 100 MESH AND 187,500 LBS 40/70 OTTAWA SAND DOWN 5-1/2" 17# P-110 CASING. PUMPED AS FOLLOWS: OPENING WELL PSI: 2,184 PSI/ BREAK DOWN: 6,090 PSI AVG PSI: 4,151 PSI / AVG RATE 80 BPM MAX PRESS: 4,779 PSI / MAX RATE 81 BPM ISIP 2,935 / FG 0.85 PSI/FT USED 3,000 GALS 7.5% HCL ACID USED 5,810 BBLs CLEAN USED 0 BBLs PRODUCED TOTAL LOAD 5,810 BBLs USED 51,170 LBS 100 MESH / USED 187,720 LBS 40/70 OTTAWA SAND PUMPED AS DESIGNED.
15:30	16:30	1.00	PERF	ACTIVE	STG 10 RU ALLIED WIRELINE TO PERF STG 10. PUMPED DOWN 4 EACH 3 3/8" GUNS AND HALLIBURTON DROP BALL CFP TO 9,827" AND SET. PERF STG 10: 9,617' - 19', 9,677' - 79', 9,737' - 39', 9,797' - 99'. W/6 SPF 0.42" EHD, 60* PHASED, 25 GRAM CHG ( 6 JSPF ), 48 HOLES TOTAL POOH W/ GUNS & SETTING TOOL. ALL SHOTS FIRED. TRICAN PUMPDOWN BBLs 246 BBLs.
16:30	17:30	1.00	SHUTDOWN	ACTIVE	WAIT ON STAGE 9 FRAC ON #5.

**UNIVERSITY 49-1 6H**

Wellbore Name: OH

**WEST UNRESTRICTED****CONFIDENTIAL****Partner Report****Report # 27 Date: 5/17/2014 06:00**

District PERMIAN BASIN	County REAGAN	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location SEC 1, BLK 49, UNIVERSITY LAND	API/UWI 4238338628	Latitude (°) 31° 7' 52.934" N	Longitude (°) 101° 23' 24.782" W	Ground Elev... 2,761.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,786.00	Tubing Head Elevation (ft)

**Time Log**

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
17:30	21:15	3.75	STIM	ACTIVE	STG 10 RU TRICAN, SELECT WT, OIL STATES WHIT TO FRAC HORIZONTAL PERFORATIONS 9,617'-9,799'. DESIGN 234,276 GALS SLICKWATER, 50,000 LBS 100 MESH AND 187,500 LBS 40/70 OTTAWA SAND DOWN 5-1/2" 17# P-110 CASING. PUMPED AS FOLLOWS: OPENING WELL PSI: 2,081 PSI/ BREAK DOWN: 4,525 PSI AVG PSI: 4,319 PSI / AVG RATE 78 BPM MAX PRESS: 7,158 PSI / MAX RATE 78 BPM ISIP 2,730 / FG 0.82 PSI/FT USED 3,000 GALS 7.5% HCL ACID USED 5,751 BBLS CLEAN USED 0 BBLS PRODUCED TOTAL LOAD 5,751 BBLS USED 46,160 LBS 100 MESH / USED 188,220 LBS 40/70 OTTAWA SAND PUMPED AS DESIGNED.  *****NPT TRICAN WAS DOWN FOR 1.75 HRS DUE TO UNLOADING CHEMICALS AND ROLL ACID TANKS.*****
21:15	23:00	1.75	PERF	ACTIVE	STG 11 RU ALLIED WIRELINE TO PERF STG 11. PUMPED DOWN 4 EACH 3 3/8" GUNS AND HALLIBURTON DROP BALL CFP TO 9,587' AND SET. PERF STG 11: 9,377'-79', 9,437'-39', 9,497'-99', 9,557'-59'. W/6 SPF 0.42" EHD, 60* PHASED, 25 GRAM CHG ( 6 JSPF ), 48 HOLES TOTAL POOH W/ GUNS & SETTING TOOL. ALL SHOTS FIRED. TRICAN PUMPDOWN BBLS----- 203 BBLS.
23:00	00:30	1.50	SHUTDOWN	ACTIVE	WAIT ON STAGE 10 FRAC ON #5.
00:30	02:45	2.25	STIM	ACTIVE	STG 11 RU TRICAN, SELECT WT, OIL STATES WHIT TO FRAC HORIZONTAL PERFORATIONS 9,377'-9,559'. DESIGN 234,276 GALS SLICKWATER, 50,000 LBS 100 MESH AND 187,500 LBS 40/70 OTTAWA SAND DOWN 5-1/2" 17# P-110 CASING. PUMPED AS FOLLOWS: OPENING WELL PSI: 2,190 PSI/ BREAK DOWN: 3,111 PSI AVG PSI: 4,133 PSI / AVG RATE 82 BPM MAX PRESS: 5,520 PSI / MAX RATE 83 BPM ISIP 2,780 / FG 0.83 PSI/FT USED 3,000 GALS 7.5% HCL ACID USED 5,819 BBLS CLEAN USED 0 BBLS PRODUCED TOTAL LOAD 5,819 BBLS USED 47,700 LBS 100 MESH / USED 187,620 LBS 40/70 OTTAWA SAND PUMPED AS DESIGNED.
02:45	04:45	2.00	PERF	ACTIVE	STG 12 RU ALLIED WIRELINE TO PERF STG 12. PUMPED DOWN 4 EACH 3 3/8" GUNS AND HALLIBURTON DROP BALL CFP TO 9,347' AND SET. PERF STG 12: 9,137'-39', 9,197'-99', 9,257'-59', 9,317'-19'. W/6 SPF 0.42" EHD, 60* PHASED, 25 GRAM CHG ( 6 JSPF ), 48 HOLES TOTAL POOH W/ GUNS & SETTING TOOL. ALL SHOTS FIRED. TRICAN PUMPDOWN BBLS----- 187 BBLS.
04:45	06:00	1.25	SHUTDOWN	ACTIVE	WAIT ON STAGE 11 FRAC ON #5.



**UNIVERSITY 49-1 6H**  
**Wellbore Name: OH**

**WEST UNRESTRICTED**  
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**Partner Report**

**Report # 28 Date: 5/18/2014 06:00**

District PERMIAN BASIN	County REAGAN	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location SEC 1, BLK 49, UNIVERSITY LAND	API/UWI 4238338628	Latitude (°) 31° 7' 52.934" N	Longitude (°) 101° 23' 24.782" W	Ground Elev... 2,761.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,786.00	Tubing Head Elevation (ft)

**Jobs**

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 12,119.0	Authorized Depth TVD (ftKB)	API/UWI 4238338628
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**Costs**

WBS Number XX-101082.01.SLC;XX-101082.01.DRL;XX-101082.01.CMP;XX-101082.01.EQP;XX-101082.01.TIE	Planned Days (days) 20.50	Daily Cost (Cost) \$370,212	Cum To Date (Cost) \$3,906,077	Total WBS+Sup (Cost) \$4,339,797	Job % Complete (%)
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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	21.56	\$0	\$2,423,490	\$1,542,232	(\$881,258)
COMPLETION	6.00	\$370,212	\$1,482,587	\$0	

**Daily Operations**

Rig					
Drilled Last 24 Hours (ft)	End Depth (ftKB)	End Depth (TVD) (ftKB)	DFS (days)	Report Number	Report End Date
0.00	12,062.0	7,080.3	39.00	28	5/18/2014

Last Casing String PRODUCTION 1, 12,055.1ftKB
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Status at 6 AM WAITING ON SAND	24 Hour Forecast CONTINUE FRAC OPS
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**Time Log**

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	07:15	1.25	SHUTDOWN	ACTIVE	WAIT ON STAGE 11 ON THE #5
07:15	09:15	2.00	STIM	ACTIVE	STG 12 RU TRICAN, SELECT WT, OIL STATES WHIT TO FRAC HORIZONTAL PERFORATIONS 9,137' - 9,319'. DESIGN 234,276 GALS SLICKWATER, 50,000 LBS 100 MESH AND 187,500 LBS 40/70 OTTAWA SAND DOWN 5-1/2" 17# P-110 CASING. PUMPED AS FOLLOWS: OPENING WELL PSI: 2,223 PSI/ BREAK DOWN: 5,416 PSI AVG PSI: 4,634 PSI / AVG RATE 81- BPM MAX PRESS: 6,480 PSI / MAX RATE 81 BPM ISIP 2,912 / FG 0.84 PSI/FT USED 3,000 GALS 7.5% HCL ACID USED 5,800 BBLs CLEAN USED 0 BBLs PRODUCED TOTAL LOAD 5,800 BBLs USED 50,720 LBS 100 MESH / USED 186,460 LBS 40/70 OTTAWA SAND PUMPED AS DESIGNED.
09:15	11:30	2.25	WIRELINE	ACTIVE	STG 13 RU ALLIED WIRELINE TO PERF STG 13. PUMPED DOWN 4 EACH 3 3/8" GUNS AND HALLIBURTON DROP BALL CFP TO 9,107' AND SET. PERF STG 13: 8,897' - 99', 8,957' - 59', 9,017' - 19', 9,077' - 79', W/6 SPF 0.42" EHD, 60* PHASED, 25 GRAM CHG ( 6 JSPF ), 48 HOLES TOTAL POOH W/ GUNS & SETTING TOOL. ALL SHOTS FIRED. TRICAN PUMPDOWN BBLs 177 BBLs.
11:30	13:30	2.00	SHUTDOWN	ACTIVE	WAIT ON STAGE 12 FRAC ON #5
13:30	15:00	1.50	STIM	ACTIVE	STG 13 RU TRICAN, SELECT WT, OIL STATES WHIT TO FRAC HORIZONTAL PERFORATIONS 8,897' - 9,079'. DESIGN 234,276 GALS SLICKWATER, 50,000 LBS 100 MESH AND 187,500 LBS 40/70 OTTAWA SAND DOWN 5-1/2" 17# P-110 CASING. PUMPED AS FOLLOWS: OPENING WELL PSI: 2,278 PSI/ BREAK DOWN: 5,599 PSI AVG PSI: 4,359 PSI / AVG RATE 80 BPM MAX PRESS: 5,576 PSI / MAX RATE 81 BPM ISIP 3,181 / FG 0.88 PSI/FT USED 3,000 GALS 7.5% HCL ACID USED 5,618 BBLs CLEAN USED 0 BBLs PRODUCED TOTAL LOAD 5,618 BBLs USED 48,020 LBS 100 MESH / USED 189,960 LBS 40/70 OTTAWA SAND PUMPED AS DESIGNED.
15:00	16:15	1.25	WIRELINE	ACTIVE	STG 14 RU ALLIED WIRELINE TO PERF STG 14. PUMPED DOWN 4 EACH 3 3/8" GUNS AND HALLIBURTON DROP BALL CFP TO 8,867' AND SET. PERF STG 14: 8,657' - 59', 8,717' - 19', 8,777' - 79', 8,837' - 39', W/6 SPF 0.42" EHD, 60* PHASED, 25 GRAM CHG ( 6 JSPF ), 48 HOLES TOTAL POOH W/ GUNS & SETTING TOOL. ALL SHOTS FIRED. TRICAN PUMPDOWN BBLs 150 BBLs.

**UNIVERSITY 49-1 6H**

Wellbore Name: OH

**WEST UNRESTRICTED****CONFIDENTIAL****Partner Report****Report # 28 Date: 5/18/2014 06:00**

District PERMIAN BASIN	County REAGAN	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location SEC 1, BLK 49, UNIVERSITY LAND	API/UWI 4238338628	Latitude (°) 31° 7' 52.934" N	Longitude (°) 101° 23' 24.782" W	Ground Elev... 2,761.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,786.00	Tubing Head Elevation (ft)

**Time Log**

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
16:15	18:15	2.00	STIM	ACTIVE	STG 14 RU TRICAN, SELECT WT, OIL STATES WHIT TO FRAC HORIZONTAL PERFORATIONS 8,657' - 8,839'. DESIGN 234,276 GALS SLICKWATER, 50,000 LBS 100 MESH AND 187,500 LBS 40/70 OTTAWA SAND DOWN 5-1/2" 17# P-110 CASING. PUMPED AS FOLLOWS: OPENING WELL PSI: 2,232 PSI/ BREAK DOWN: 5,696 PSI AVG PSI: 4,153 PSI / AVG RATE 81 BPM MAX PRESS: 6,852 PSI / MAX RATE 81 BPM ISIP 2,754 / FG 0.82 PSI/FT USED 3,000 GALS 7.5% HCL ACID USED 5,648 BBLS CLEAN USED 0 BBLS PRODUCED TOTAL LOAD 5,648 BBLS USED 52,480 LBS 100 MESH / USED 184,060 LBS 40/70 OTTAWA SAND PUMPED AS DESIGNED.
18:15	20:15	2.00	PERF	ACTIVE	STG 15 RU ALLIED WIRELINE TO PERF STG 15. PUMPED DOWN 4 EACH 3 3/8" GUNS AND HALLIBURTON DROP BALL CFP TO 8,627' AND SET. PERF STG 15: 8,417'-19', 8,477'-79', 8,537'-39', 8,597'-99'. W/6 SPF 0.42" EHD, 60* PHASED, 25 GRAM CHG ( 6 JSPF ), 48 HOLES TOTAL POOH W/ GUNS & SETTING TOOL. ALL SHOTS FIRED. TRICAN PUMPDOWN BBLS 177 BBLS.
20:15	23:30	3.25	SHUTDOWN	ACTIVE	WAIT ON STAGE 14 FRAC ON #5
23:30	01:45	2.25	STIM	ACTIVE	STG 15 RU TRICAN, SELECT WT, OIL STATES WHIT TO FRAC HORIZONTAL PERFORATIONS 8,417'-8,599'. DESIGN 234,276 GALS SLICKWATER, 50,000 LBS 100 MESH AND 187,500 LBS 40/70 OTTAWA SAND DOWN 5-1/2" 17# P-110 CASING. PUMPED AS FOLLOWS: OPENING WELL PSI: 2,207 PSI/ BREAK DOWN: 4,673 PSI AVG PSI: 4,296 PSI / AVG RATE 82 BPM MAX PRESS: 5,876 PSI / MAX RATE 83 BPM ISIP 2,856 / FG 0.84 PSI/FT USED 3,000 GALS 7.5% HCL ACID USED 5,634 BBLS CLEAN USED 0 BBLS PRODUCED TOTAL LOAD 5,634 BBLS USED 52,700 LBS 100 MESH / USED 186,480 LBS 40/70 OTTAWA SAND PUMPED AS DESIGNED.
01:45	03:30	1.75	PERF	ACTIVE	STG 16 RU ALLIED WIRELINE TO PERF STG 16. PUMPED DOWN 4 EACH 3 3/8" GUNS AND HALLIBURTON DROP BALL CFP TO 8,387' AND SET. PERF STG 16: 8,177'-79', 8,237'-39', 8,297'-99', 8,357'-59'. W/6 SPF 0.42" EHD, 60* PHASED, 25 GRAM CHG ( 6 JSPF ), 48 HOLES TOTAL POOH W/ GUNS & SETTING TOOL. ALL SHOTS FIRED. TRICAN PUMPDOWN BBLS 114 BBLS.
03:30	04:00	0.50	SHUTDOWN	ACTIVE	WAIT ON STAGE 15 FRAC ON #5
04:00	06:00	2.00	SHUTDOWN	ACTIVE	WAITING ON SAND.



**UNIVERSITY 49-1 6H**

Wellbore Name: OH

**WEST UNRESTRICTED****CONFIDENTIAL****Partner Report****Report # 29 Date: 5/19/2014 06:00**

District PERMIAN BASIN	County REAGAN	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location SEC 1, BLK 49, UNIVERSITY LAND	API/UWI 4238338628	Latitude (°) 31° 7' 52.934" N	Longitude (°) 101° 23' 24.782" W	Ground Elev... 2,761.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,786.00	Tubing Head Elevation (ft)

**Jobs**

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 12,119.0	Authorized Depth TVD (ftKB)	API/UWI 4238338628
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**Costs**

WBS Number XX-101082.01.SLC;XX-101082.01.DRL;XX-101082.01.CMP;XX-101082.01.EQP;XX-101082.01.TIE	Planned Days (days) 20.50	Daily Cost (Cost) \$368,830	Cum To Date (Cost) \$4,290,962	Total WBS+Sup (Cost) \$4,339,797	Job % Complete (%)
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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	21.56	\$0	\$2,423,490	\$1,542,232	(\$881,258)
COMPLETION	7.00	\$368,830	\$1,867,472	\$0	

**Daily Operations**

Rig											
Drilled Last 24 Hours (ft)	0.00	End Depth (ftKB)	12,062.0	End Depth (TVD) (ftKB)	7,080.3	DFS (days)	40.00	Report Number	29	Report End Date	5/19/2014

Last Casing String  
PRODUCTION 1, 12,055.1ftKB

Status at 6 AM WSI.	24 Hour Forecast READY FOR D/O.
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**Time Log**

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	07:00	1.00	SHUTDOWN	ACTIVE	WAITING ON SAND.
07:00	09:00	2.00	STIM	ACTIVE	STG 16 RU TRICAN, SELECT WT, OIL STATES WHIT TO FRAC HORIZONTAL PERFORATIONS 8,177'-8,359'. DESIGN 234,276 GALS SLICKWATER, 50,000 LBS 100 MESH AND 187,500 LBS 40/70 OTTAWA SAND DOWN 5-1/2" 17# P-110 CASING. PUMPED AS FOLLOWS: OPENING WELL PSI: 2,238 PSI/ BREAK DOWN: 4,611 PSI AVG PSI: 4,200 PSI / AVG RATE 80 BPM MAX PRESS: 5,855 PSI / MAX RATE 81 BPM ISIP 3100 / FG 0.87 PSI/FT USED 3,000 GALS 7.5% HCL ACID USED 5,482 BBLS CLEAN USED 0 BBLS PRODUCED TOTAL LOAD 5,554 BBLS USED 50,140 LBS 100 MESH / USED 185,980 LBS 40/70 OTTAWA SAND PUMPED AS DESIGNED.
09:00	10:30	1.50	PERF	ACTIVE	STG 17 RU ALLIED WIRELINE TO PERF STG 17. PUMPED DOWN 4 EACH 3 3/8" GUNS AND HALLIBURTON DROP BALL CFP TO 8,147' AND SET. PERF STG 17: 7937'-39', 7997'-99', 8057'-59', 8117'-19'. W/6 SPF 0.42" EHD, 60* PHASED, 25 GRAM CHG ( 6 JSPF ), 48 HOLES TOTAL POOH W/ GUNS & SETTING TOOL. ALL SHOTS FIRED. TRICAN PUMPDOWN BBLS 84 BBLS.
10:30	12:30	2.00	STIM	ACTIVE	STG 17 RU TRICAN, SELECT WT, OIL STATES WHIT TO FRAC HORIZONTAL PERFORATIONS 7937'-8,119'. DESIGN 234,276 GALS SLICKWATER, 50,000 LBS 100 MESH AND 187,500 LBS 40/70 OTTAWA SAND DOWN 5-1/2" 17# P-110 CASING. PUMPED AS FOLLOWS: OPENING WELL PSI: 2,226 PSI/ BREAK DOWN: 3558 PSI AVG PSI: 3782 PSI / AVG RATE 80 BPM MAX PRESS: 4716 PSI / MAX RATE 81 BPM ISIP 2817 / FG 0.83 PSI/FT USED 3,000 GALS 7.5% HCL ACID USED 5599 BBLS CLEAN USED 0 BBLS PRODUCED TOTAL LOAD 5599 BBLS USED 48,100 LBS 100 MESH / USED 189,140 LBS 40/70 OTTAWA SAND PUMPED AS DESIGNED.
12:30	14:00	1.50	PERF	ACTIVE	STG 18 RU ALLIED WIRELINE TO PERF STG 18. PUMPED DOWN 4 EACH 3 3/8" GUNS AND HALLIBURTON DROP BALL CFP TO 7907' AND SET. PERF STG 18: 7697'-99', 7757'-59', 7817'-19', 7877'-79'. W/6 SPF 0.42" EHD, 60* PHASED, 25 GRAM CHG ( 6 JSPF ), 48 HOLES TOTAL POOH W/ GUNS & SETTING TOOL. ALL SHOTS FIRED. TRICAN PUMPDOWN BBLS 63 BBLS.



**UNIVERSITY 49-1 6H**

Wellbore Name: OH

**WEST UNRESTRICTED****CONFIDENTIAL****Partner Report****Report # 29 Date: 5/19/2014 06:00**

District PERMIAN BASIN	County REAGAN	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location SEC 1, BLK 49, UNIVERSITY LAND	API/UWI 4238338628	Latitude (°) 31° 7' 52.934" N	Longitude (°) 101° 23' 24.782" W	Ground Elev... 2,761.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,786.00	Tubing Head Elevation (ft)

**Time Log**

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
14:00	16:00	2.00	STIM	ACTIVE	STG 18 RU TRICAN, SELECT WT, OIL STATES WHIT TO FRAC HORIZONTAL PERFORATIONS 7697'-7879'. DESIGN 234,276 GALS SLICKWATER, 50,000 LBS 100 MESH AND 187,500 LBS 40/70 OTTAWA SAND DOWN 5-1/2" 17# P-110 CASING. PUMPED AS FOLLOWS: OPENING WELL PSI: 2,136 PSI/ BREAK DOWN: 4306 PSI AVG PSI: 3889 PSI / AVG RATE 80 BPM MAX PRESS: 4620 PSI / MAX RATE 81 BPM ISIP 2794 / FG 0.83 PSI/FT USED 3,000 GALS 7.5% HCL ACID USED 5789 BBLS CLEAN USED 0 BBLS PRODUCED TOTAL LOAD 5789BBLS USED 58000 LBS 100 MESH / USED 183,960 LBS 40/70 OTTAWA SAND PUMPED AS DESIGNED.
16:00	19:00	3.00	PERF	ACTIVE	STG 19 RU ALLIED WIRELINE TO PERF STG 19. PUMPED DOWN 4 EACH 3 3/8" GUNS AND HALLIBURTON DROP BALL CFP TO 7667" AND SET. PERF STG 19: 7457'-59', 7517'-19', 7577'-79', 7637'-39'. W/6 SPF 0.42" EHD, 60" PHASED, 25 GRAM CHG ( 6 JSPF ), 48 HOLES TOTAL POOH W/ GUNS & SETTING TOOL. ALL SHOTS FIRED. TRICAN PUMPDOWN BBLS 55 BBLS.
19:00	19:45	0.75	SHUTDOWN	ACTIVE	WAIT ON STAGE 18 FRAC ON #5
19:45	23:45	4.00	STIM	ACTIVE	STG 19 RU TRICAN, SELECT WT, OIL STATES WHIT TO FRAC HORIZONTAL PERFORATIONS 7457'-7639'. DESIGN 234,276 GALS SLICKWATER, 50,000 LBS 100 MESH AND 187,500 LBS 40/70 OTTAWA SAND DOWN 5-1/2" 17# P-110 CASING. PUMPED AS FOLLOWS: OPENING WELL PSI:2,138 PSI/ BREAK DOWN:4,328 PSI AVG PSI: 4,122 PSI / AVG RATE 82 BPM MAX PRESS: 7,572 PSI / MAX RATE 83 BPM ISIP 2,855 / FG 0.84 PSI/FT USED 3,000 GALS 7.5% HCL ACID USED 5,822 BBLS CLEAN USED 0 BBLS PRODUCED TOTAL LOAD 5,822 BBLS USED 53,480 LBS 100 MESH / USED 187,300 LBS 40/70 OTTAWA SAND PUMPED AS DESIGNED.  ****NPT TRICAN WAS DOWN FOR 2.5 HRS DUE TO UNLOADING SAND.***
23:45	01:45	2.00	WIRELINE	ACTIVE	RU ALLIED WIRELINE AND RIH WITH HALLIBURTON CBP TO 6,960' AND SET. TEST PLUG TO 4,500 PSI. GOOD. POOH W/ WL & SETTING TOOL. RDMO ALLIED AND HES.
01:45	06:00	4.25	RIGD	ACTIVE	RDMO TRICAN STIM CREW AND ALL SUPPORT EQUIPMENT.  TOTAL FLUID TO RECOVER-116,245 BBLS.



**UNIVERSITY 49-1 6H**  
Wellbore Name: OH

**WEST UNRESTRICTED**  
**CONFIDENTIAL**

**Partner Report**

**Report # 30 Date: 5/23/2014 06:00**

District	County	Field Name	Project Group	State/Province			
PERMIAN BASIN	REAGAN	LIN (WOLFCAMP)	PB TEXAS EAST	TX			
Surface Legal Location	API/UWI	Latitude (°)	Longitude (°)	Ground Elev...	KB - GL (ft)	Orig KB Elev (ft)	Tubing Head Elevation (ft)
SEC 1, BLK 49, UNIVERSITY LAND	4238338628	31° 7' 52.934" N	101° 23' 24.782" W	2,761.00	25.00	2,786.00	

**Jobs**

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 12,119.0	Authorized Depth TVD (ftKB)	API/UWI 4238338628
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**Costs**

WBS Number XX-101082.01.SLC;XX-101082.01.DRL;XX-101082.01.CMP;XX-101082.01.EQP;XX-101082.01.TIE	Planned Days (days) 20.50	Daily Cost (Cost) \$42,768	Cum To Date (Cost) \$4,380,278	Total WBS+Sup (Cost) \$4,339,797	Job % Complete (%)
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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	21.56	\$0	\$2,470,038	\$1,542,232	(\$927,806)
COMPLETION	7.67	\$42,768	\$1,910,240	\$0	

**Daily Operations**

Rig					
ENERGY SERVICE, 206					
Drilled Last 24 Hours (ft)	End Depth (ftKB)	End Depth (TVD) (ftKB)	DFS (days)	Report Number	Report End Date
0.00	12,062.0	7,080.3	44.00	30	5/23/2014

Last Casing String PRODUCTION 1, 12,055.1ftKB
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Status at 6 AM CONT DRILL OUT.	24 Hour Forecast CONT DRILL OUT. RIH W/ PROD TBG AND GLV'S.
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**Time Log**

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	14:00	8.00	SHUTDOWN	ACTIVE	WAITING ON DRILL OUT.
14:00	15:30	1.50	RIGU	ACTIVE	MIRU ESCO 206.
15:30	16:00	0.50	BOPS	ACTIVE	ND WH. NU AND TESTED BOPS.
16:00	19:30	3.50	TRIP	ACTIVE	RIH W/ 4 3/4" JZ BIT, 2 7/8" MOTOR AND 224 JTS 2 7/8" PH6 WS TAGGING KILL PLUG AT 6,940'.
19:30	20:30	1.00	CIRC	ACTIVE	RU SWIVEL AND BROKE CIRC.
20:30	00:30	4.00	DRLG	ACTIVE	DRILLED OUT KILL PLUG IN 18 MIN. CONT RIH DRILLING OUT CFP #1 AT 7,625' ON JT 245 IN 26 MIN. CONT RIH DRILLING OUT CFP #2 AT 7,870' ON JT 253 IN 17 MIN. CONT RIH DRILLING OUT CFP #3 AT 8,215' ON JT 264 IN 12 MIN. CONT RIH DRILLING OUT CFP #4 AT 8,360' ON JT 269 IN 26 MIN. CONT RIH DRILLING OUT CFP #5 AT 8,595' ON JT 276 IN 9 MIN. CONT RIH DRILLING OUT CFP #6 AT 8,830' ON JT 284 IN 9 MIN.
00:30	01:30	1.00	CIRC	ACTIVE	CIRC HOLE CLEAN.
01:30	05:30	4.00	DRLG	ACTIVE	CONT RIH DRILLING OUT CFP #7 AT 9,080' ON JT 292 IN 8 MIN. CONT RIH DRILLING OUT CFP #8 AT 9,340' ON JT 300 IN 11 MIN. CONT RIH DRILLING OUT CFP #9 AT 9,760' ON JT 307 IN 13 MIN. CONT RIH DRILLING OUT CFP #10 AT 9,800' ON JT 315 IN 5 MIN. CONT RIH DRILLING OUT CFP #11 AT 10,070' ON JT 324 IN 10 MIN.
05:30	06:00	0.50	CIRC	ACTIVE	CIRC HOLE CLEAN.  PUMPED 662 BBLS. REC 2,165 BBLS.



**UNIVERSITY 49-1 6H**  
Wellbore Name: OH

**WEST UNRESTRICTED**  
**CONFIDENTIAL**

**Partner Report**

**Report # 31 Date: 5/24/2014 06:00**

District PERMIAN BASIN	County REAGAN	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location SEC 1, BLK 49, UNIVERSITY LAND	API/UWI 4238338628	Latitude (°) 31° 7' 52.934" N	Longitude (°) 101° 23' 24.782" W	Ground Elev... 2,761.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,786.00	Tubing Head Elevation (ft)

**Jobs**

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 12,119.0	Authorized Depth TVD (ftKB)	API/UWI 4238338628
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**Costs**

WBS Number XX-101082.01.SLC;XX-101082.01.DRL;XX-101082.01.CMP;XX-101082.01.EQP;XX-101082.01.TIE	Planned Days (days) 20.50	Daily Cost (Cost) \$105,956	Cum To Date (Cost) \$4,486,234	Total WBS+Sup (Cost) \$4,339,797	Job % Complete (%)
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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	21.56	\$0	\$2,470,038	\$1,542,232	(\$927,806)
COMPLETION	8.67	\$105,956	\$2,016,196	\$0	

**Daily Operations**

Rig					
ENERGY SERVICE, 206					
Drilled Last 24 Hours (ft)	End Depth (ftKB)	End Depth (TVD) (ftKB)	DFS (days)	Report Number	Report End Date
0.00	12,062.0	7,080.3	45.00	31	5/24/2014

Last Casing String PRODUCTION 1, 12,055.1ftKB
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Status at 6 AM RIH W/ PROD TBG.	24 Hour Forecast LAND PROD TBG W/ GLVS. RD MOL ESCO 206.
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**Time Log**

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	06:30	0.50	CIRC	ACTIVE	CONT CIRC.
06:30	12:30	6.00	DRLG	ACTIVE	CONT RIH DRILLING OUT CFP #12 AT 10,275' ON JT 330 IN 20 MIN. CONT RIH DRILLING OUT CFP #13 AT 10,559' ON JT 339 IN 5 MIN. CONT RIH DRILLING OUT CFP #14 AT 10,770' ON JT 346 IN 10 MIN. CONT RIH DRILLING OUT CFP #15 AT 11,000' ON JT 354 IN 20 MIN. CONT RIH DRILLING OUT CFP #16 AT 11,250' ON JT 362 IN 10 MIN. CONT RIH DRILLING OUT CFP #17 AT 11,480' ON JT 369 IN 20 MIN. CONT RIH DRILLING OUT CFP #18 AT 11,724' ON JT 377 IN 25 MIN. CONT RIH TAGGING SLEEVE ON JT 385 AT 11,957.
12:30	14:45	2.25	CIRC	ACTIVE	PUMPED SWEEPS AND CIRC HOLE CLEAN.
14:45	19:30	4.75	TRIP	ACTIVE	POOH LAYING DOWN 285 JTS 2 7/8" WS
19:30	21:30	2.00	RIGU	ACTIVE	MIRU CSS SNUBBING.
21:30	23:45	2.25	TRIP	ACTIVE	POOH LAYING DOWN 100 JTS 2 7/8" WS SNUBBING OUT LAST 20 JTS.
23:45	01:15	1.50	RIGU	ACTIVE	SWAPPING OUT TBG AND TALLYING,
01:15	06:00	4.75	RUNCOM	ACTIVE	RIH W/ 2 7/8" L-80 PROD TBG W/ GLVS. TBG MAKE UP ON NEXT DAYS REPORT.



**UNIVERSITY 49-1 6H**  
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**WEST UNRESTRICTED**  
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**Partner Report**

**Report # 32 Date: 5/25/2014 06:00**

District PERMIAN BASIN	County REAGAN	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location SEC 1, BLK 49, UNIVERSITY LAND	API/UWI 4238338628	Latitude (°) 31° 7' 52.934" N	Longitude (°) 101° 23' 24.782" W	Ground Elev... 2,761.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,786.00	Tubing Head Elevation (ft)

**Jobs**

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 12,119.0	Authorized Depth TVD (ftKB)	API/UWI 4238338628
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**Costs**

WBS Number XX-101082.01.SLC;XX-101082.01.DRL;XX-101082.01.CMP;XX-101082.01.EQP;XX-101082.01.TIE	Planned Days (days) 20.50	Daily Cost (Cost) \$5,350	Cum To Date (Cost) \$4,491,584	Total WBS+Sup (Cost) \$4,339,797	Job % Complete (%)
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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	21.56	\$0	\$2,470,038	\$1,542,232	(\$927,806)
COMPLETION	9.67	\$5,350	\$2,021,546	\$0	

**Daily Operations**

Rig					
ENERGY SERVICE, 206					
Drilled Last 24 Hours (ft)	End Depth (ftKB)	End Depth (TVD) (ftKB)	DFS (days)	Report Number	Report End Date
0.00	12,062.0	7,080.3	46.00	32	5/25/2014

Last Casing String PRODUCTION 1, 12,055.1ftKB
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Status at 6 AM FLOWING WELL.	24 Hour Forecast FLOWING WELL.
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**Time Log**

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	07:45	1.75	RUNCOM	ACTIVE	RIH W/ 2 7/8" L-80 PROD TBG W/ GLVS AS FOLLOWS: 2 7/8" MS, CD, 1 JT 2 7/8" L-80 TBG, F-PN, 10 JTS 2 7/8" L-80 TBG, X-PN, 9 JTS 2 7/8" L-80 TBG, GLV #1, 16 JTS 2 7/8" L-80 TBG, GLV #2, 15 JTS 2 7/8" L-80 TBG, GLV #3, 16 JTS 2 7/8" L-80 TBG, GLV #4, 16 JTS 2 7/8" L-80 TBG, GLV #5, 15 JTS 2 7/8" L-80 TBG, GLV #6, 2 JTS 2 7/8" L-80 TBG, CD, 14 JTS 2 7/8" L-80 TBG, GLV #7, 16 JTS 2 7/8" L-80 TBG, GLV #8, 15 JTS 2 7/8" L-80 TBG, GLV #9, 30 JTS 2 7/8" L-80 TBG, GLV #10, 1 JT 2 7/8" L-80 TBG, CD AND 53 JTS 2 7/8" L-80 TBG LANDING EOT AT 7,353' ON JT 229.
07:45	08:30	0.75	RIGD	ACTIVE	RD MOL CSS SNUBBERS.
08:30	09:15	0.75	WLHEAD	ACTIVE	ND BOPS. NU WH. PRESSURED UP AND BURST DISK.
09:15	10:45	1.50	RIGD	ACTIVE	RD MOL ESCO 206.
10:45	06:00	19.25	FLWTST	ACTIVE	OPENED WELL AT 10:45 HRS W/ SITP 550 PSI AND SICP 450 PSI ON A 30/64" CHOKE.



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Partner Report

Report # 33 Date: 5/26/2014 06:00

District PERMIAN BASIN	County REAGAN	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location SEC 1, BLK 49, UNIVERSITY LAND	API/UWI 4238338628	Latitude (°) 31° 7' 52.934" N	Longitude (°) 101° 23' 24.782" W	Ground Elev... 2,761.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,786.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 12,119.0	Authorized Depth TVD (ftKB)	API/UWI 4238338628
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Costs

WBS Number XX-101082.01.SLC;XX-101082.01.DRL;XX-101082.01.CMP;XX-101082.01.EQP;XX-101082.01.TIE	Planned Days (days) 20.50	Daily Cost (Cost) \$7,016	Cum To Date (Cost) \$4,507,662	Total WBS+Sup (Cost) \$4,339,797	Job % Complete (%)
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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	21.56	\$0	\$2,470,038	\$1,542,232	(\$927,806)
COMPLETION	10.67	\$7,016	\$2,037,624	\$0	

Daily Operations

Rig

Drilled Last 24 Hours (ft) 0.00	End Depth (ftKB) 12,062.0	End Depth (TVD) (ftKB) 7,080.3	DFS (days) 47.00	Report Number 33	Report End Date 5/26/2014
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Last Casing String  
PRODUCTION 1, 12,055.1ftKB

Status at 6 AM FLOWING WELL.	24 Hour Forecast FLOWING WELL.
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Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	06:00	24.00	FLWTST	ACTIVE	TUB- 28 CAS- 570 OIL- 0 GAS- 0 WTR- 1139 CHLORIDES- 56191



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WEST UNRESTRICTED  
CONFIDENTIAL

Partner Report

Report # 34 Date: 5/27/2014 06:00

District PERMIAN BASIN	County REAGAN	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location SEC 1, BLK 49, UNIVERSITY LAND	API/UWI 4238338628	Latitude (°) 31° 7' 52.934" N	Longitude (°) 101° 23' 24.782" W	Ground Elev... 2,761.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,786.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 12,119.0	Authorized Depth TVD (ftKB)	API/UWI 4238338628
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Costs

WBS Number XX-101082.01.SLC;XX-101082.01.DRL;XX-101082.01.CMP;XX-101082.01.EQP;XX-101082.01.TIE	Planned Days (days) 20.50	Daily Cost (Cost) \$7,016	Cum To Date (Cost) \$4,516,678	Total WBS+Sup (Cost) \$4,339,797	Job % Complete (%)
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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	21.56	\$0	\$2,470,038	\$1,542,232	(\$927,806)
COMPLETION	11.67	\$7,016	\$2,046,640	\$0	

Daily Operations

Rig	Drilled Last 24 Hours (ft) 0.00	End Depth (ftKB) 12,062.0	End Depth (TVD) (ftKB) 7,080.3	DFS (days) 48.00	Report Number 34	Report End Date 5/27/2014
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Last Casing String  
PRODUCTION 1, 12,055.1ftKB

Status at 6 AM FLOWING WELL.	24 Hour Forecast FLOWING WELL.
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Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	06:00	24.00	FLWTST	ACTIVE	TUB- 40 CAS- 765 OIL- 0 GAS- 0 WTR- 1125 CHLORIDES- 52886



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Partner Report

Report # 35 Date: 5/28/2014 06:00

District PERMIAN BASIN	County REAGAN	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location SEC 1, BLK 49, UNIVERSITY LAND	API/UWI 4238338628	Latitude (°) 31° 7' 52.934" N	Longitude (°) 101° 23' 24.782" W	Ground Elev... 2,761.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,786.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 12,119.0	Authorized Depth TVD (ftKB)	API/UWI 4238338628
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Costs

WBS Number XX-101082.01.SLC;XX-101082.01.DRL;XX-101082.01.CMP;XX-101082.01.EQP;XX-101082.01.TIE	Planned Days (days) 20.50	Daily Cost (Cost) \$6,766	Cum To Date (Cost) \$4,523,444	Total WBS+Sup (Cost) \$4,339,797	Job % Complete (%)
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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	21.56	\$0	\$2,470,038	\$1,542,232	(\$927,806)
COMPLETION	12.67	\$6,766	\$2,053,406	\$0	

Daily Operations

Rig	Drilled Last 24 Hours (ft) 0.00	End Depth (ftKB) 12,062.0	End Depth (TVD) (ftKB) 7,080.3	DFS (days) 49.00	Report Number 35	Report End Date 5/28/2014
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Last Casing String  
PRODUCTION 1, 12,055.1ftKB

Status at 6 AM FLOWBACK	24 Hour Forecast FLOWBACK
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Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	06:00	24.00	FLWTST	ACTIVE	TBG 40 CSG 860 H2O 1164 CHL 57844



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**Partner Report**

**Report # 36 Date: 5/29/2014 06:00**

District PERMIAN BASIN	County REAGAN	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location SEC 1, BLK 49, UNIVERSITY LAND	API/UWI 4238338628	Latitude (°) 31° 7' 52.934" N	Longitude (°) 101° 23' 24.782" W	Ground Elev... 2,761.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,786.00	Tubing Head Elevation (ft)

**Jobs**

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 12,119.0	Authorized Depth TVD (ftKB)	API/UWI 4238338628
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**Costs**

WBS Number XX-101082.01.SLC;XX-101082.01.DRL;XX-101082.01.CMP;XX-101082.01.EQP;XX-101082.01.TIE	Planned Days (days) 20.50	Daily Cost (Cost) \$6,766	Cum To Date (Cost) \$4,530,210	Total WBS+Sup (Cost) \$4,339,797	Job % Complete (%)
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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	21.56	\$0	\$2,470,038	\$1,542,232	(\$927,806)
COMPLETION	13.67	\$6,766	\$2,060,172	\$0	

**Daily Operations**

Rig											
Drilled Last 24 Hours (ft)	0.00	End Depth (ftKB)	12,062.0	End Depth (TVD) (ftKB)	7,080.3	DFS (days)	50.00	Report Number	36	Report End Date	5/29/2014

Last Casing String PRODUCTION 1, 12,055.1ftKB
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Status at 6 AM FLOWBACK	24 Hour Forecast FLOWBACK
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**Time Log**

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	06:00	24.00	FLWTST	ACTIVE	TBG 45 CSG 980 H2O 1160 OIL 105 CHL 59497





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**Partner Report**

**Report # 37 Date: 5/30/2014 06:00**

District	County	Field Name	Project Group	State/Province			
PERMIAN BASIN	REAGAN	LIN (WOLFCAMP)	PB TEXAS EAST	TX			
Surface Legal Location	API/UWI	Latitude (°)	Longitude (°)	Ground Elev...	KB - GL (ft)	Orig KB Elev (ft)	Tubing Head Elevation (ft)
SEC 1, BLK 49, UNIVERSITY LAND	4238338628	31° 7' 52.934" N	101° 23' 24.782" W	2,761.00	25.00	2,786.00	

**Jobs**

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 12,119.0	Authorized Depth TVD (ftKB)	API/UWI 4238338628
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**Costs**

WBS Number XX-101082.01.SLC;XX-101082.01.DRL;XX-101082.01.CMP;XX-101082.01.EQP;XX-101082.01.TIE	Planned Days (days) 20.50	Daily Cost (Cost) \$8,460	Cum To Date (Cost) \$4,538,670	Total WBS+Sup (Cost) \$4,339,797	Job % Complete (%)
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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	21.56	\$0	\$2,470,038	\$1,542,232	(\$927,806)
COMPLETION	13.67	\$8,460	\$2,068,632	\$0	

**Daily Operations**

Rig	Drilled Last 24 Hours (ft) 0.00	End Depth (ftKB) 12,062.0	End Depth (TVD) (ftKB) 7,080.3	DFS (days) 51.00	Report Number 37	Report End Date 5/30/2014
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Last Casing String  
PRODUCTION 1, 12,055.1ftKB

Status at 6 AM FLOWBACK	24 Hour Forecast FLOWBACK
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**Time Log**

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	06:00	24.00	FLWTST	ACTIVE	TBG 60 CSG 1,020 H2O 1,135 OIL 120 CHL 59497 GAS- 0 CHOKE 64



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**Partner Report**

**Report # 37 Date: 5/31/2014 06:00**

District PERMIAN BASIN	County REAGAN	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location SEC 1, BLK 49, UNIVERSITY LAND	API/UWI 4238338628	Latitude (°) 31° 7' 52.934" N	Longitude (°) 101° 23' 24.782" W	Ground Elev... 2,761.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,786.00	Tubing Head Elevation (ft)

**Jobs**

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 12,119.0	Authorized Depth TVD (ftKB)	API/UWI 4238338628
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**Costs**

WBS Number XX-101082.01.SLC;XX-101082.01.DRL;XX-101082.01.CMP;XX-101082.01.EQP;XX-101082.01.TIE	Planned Days (days) 20.50	Daily Cost (Cost) \$7,039	Cum To Date (Cost) \$4,537,249	Total WBS+Sup (Cost) \$4,339,797	Job % Complete (%)
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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	21.56	\$0	\$2,470,038	\$1,542,232	(\$927,806)
COMPLETION	14.67	\$7,039	\$2,075,671	\$0	

**Daily Operations**

Rig	Drilled Last 24 Hours (ft) 0.00	End Depth (ftKB) 12,062.0	End Depth (TVD) (ftKB) 7,080.3	DFS (days) 52.00	Report Number 37	Report End Date 5/31/2014
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Last Casing String  
PRODUCTION 1, 12,055.1ftKB

Status at 6 AM FLOWBACK	24 Hour Forecast FLOWBACK
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**Time Log**

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	06:00	24.00	FLWTST	ACTIVE	TBG 22 CSG 890 H2O 729 OIL 94 CHL 62,802 GAS- 0 CHOKE 64



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**Partner Report**

**Report # 39 Date: 6/1/2014 06:00**

District PERMIAN BASIN	County REAGAN	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location SEC 1, BLK 49, UNIVERSITY LAND	API/UWI 4238338628	Latitude (°) 31° 7' 52.934" N	Longitude (°) 101° 23' 24.782" W	Ground Elev... 2,761.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,786.00	Tubing Head Elevation (ft)

**Jobs**

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 12,119.0	Authorized Depth TVD (ftKB)	API/UWI 4238338628
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**Costs**

WBS Number XX-101082.01.SLC;XX-101082.01.DRL;XX-101082.01.CMP;XX-101082.01.EQP;XX-101082.01.TIE	Planned Days (days) 20.50	Daily Cost (Cost) \$7,365	Cum To Date (Cost) \$4,553,074	Total WBS+Sup (Cost) \$4,339,797	Job % Complete (%)
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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	21.56	\$0	\$2,470,038	\$1,542,232	(\$927,806)
COMPLETION	15.67	\$7,365	\$2,083,036	\$0	

**Daily Operations**

Rig	Drilled Last 24 Hours (ft) 0.00	End Depth (ftKB) 12,062.0	End Depth (TVD) (ftKB) 7,080.3	DFS (days) 53.00	Report Number 39	Report End Date 6/1/2014
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Last Casing String  
PRODUCTION 1, 12,055.1ftKB

Status at 6 AM FLOWBACK	24 Hour Forecast FLOWBACK
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**Time Log**

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	06:00	24.00	FLWTST	ACTIVE	TBG 54 CSG 1,020 H2O 822 OIL 139 CHL 64,455 GAS- 0 CHOKE 64



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Partner Report

Report # 40 Date: 6/2/2014 06:00

District PERMIAN BASIN	County REAGAN	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location SEC 1, BLK 49, UNIVERSITY LAND	API/UWI 4238338628	Latitude (°) 31° 7' 52.934" N	Longitude (°) 101° 23' 24.782" W	Ground Elev... 2,761.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,786.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 12,119.0	Authorized Depth TVD (ftKB)	API/UWI 4238338628
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Costs

WBS Number XX-101082.01.SLC;XX-101082.01.DRL;XX-101082.01.CMP;XX-101082.01.EQP;XX-101082.01.TIE	Planned Days (days) 20.50	Daily Cost (Cost) \$7,176	Cum To Date (Cost) \$4,560,250	Total WBS+Sup (Cost) \$4,339,797	Job % Complete (%)
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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	21.56	\$0	\$2,470,038	\$1,542,232	(\$927,806)
COMPLETION	16.67	\$7,176	\$2,090,212	\$0	

Daily Operations

Rig	Drilled Last 24 Hours (ft) 0.00	End Depth (ftKB) 12,062.0	End Depth (TVD) (ftKB) 7,080.3	DFS (days) 54.00	Report Number 40	Report End Date 6/2/2014
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Last Casing String PRODUCTION 1, 12,055.1ftKB
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Status at 6 AM FLOWBACK	24 Hour Forecast FLOWBACK
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Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	06:00	24.00	FLWTST	ACTIVE	TBG 58 CSG 1,000 H2O 768 OIL 154 CHL 62802 GAS- 0 CHOKE 64



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**Partner Report**

**Report # 41 Date: 6/3/2014 06:00**

District PERMIAN BASIN	County REAGAN	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location SEC 1, BLK 49, UNIVERSITY LAND	API/UWI 4238338628	Latitude (°) 31° 7' 52.934" N	Longitude (°) 101° 23' 24.782" W	Ground Elev... 2,761.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,786.00	Tubing Head Elevation (ft)

**Jobs**

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 12,119.0	Authorized Depth TVD (ftKB)	API/UWI 4238338628
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**Costs**

WBS Number XX-101082.01.SLC;XX-101082.01.DRL;XX-101082.01.CMP;XX-101082.01.EQP;XX-101082.01.TIE	Planned Days (days) 20.50	Daily Cost (Cost) \$7,176	Cum To Date (Cost) \$4,567,426	Total WBS+Sup (Cost) \$4,339,797	Job % Complete (%)
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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	21.56	\$0	\$2,470,038	\$1,542,232	(\$927,806)
COMPLETION	17.67	\$7,176	\$2,097,388	\$0	

**Daily Operations**

Rig

Drilled Last 24 Hours (ft) 0.00	End Depth (ftKB) 12,062.0	End Depth (TVD) (ftKB) 7,080.3	DFS (days) 55.00	Report Number 41	Report End Date 6/3/2014
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Last Casing String  
PRODUCTION 1, 12,055.1ftKB

Status at 6 AM FLOWBACK	24 Hour Forecast FLOWBACK
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**Time Log**

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	06:00	24.00	FLWTST	ACTIVE	TBG 56 CSG 1000 H2O 646 OIL 144 CHL 64455



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**Partner Report**

**Report # 43 Date: 6/4/2014 06:00**

District PERMIAN BASIN	County REAGAN	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location SEC 1, BLK 49, UNIVERSITY LAND	API/UWI 4238338628	Latitude (°) 31° 7' 52.934" N	Longitude (°) 101° 23' 24.782" W	Ground Elev... 2,761.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,786.00	Tubing Head Elevation (ft)

**Jobs**

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 12,119.0	Authorized Depth TVD (ftKB)	API/UWI 4238338628
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**Costs**

WBS Number XX-101082.01.SLC;XX-101082.01.DRL;XX-101082.01.CMP;XX-101082.01.EQP;XX-101082.01.TIE	Planned Days (days) 20.50	Daily Cost (Cost) \$6,469	Cum To Date (Cost) \$4,580,644	Total WBS+Sup (Cost) \$4,339,797	Job % Complete (%)
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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	21.56	\$0	\$2,470,038	\$1,542,232	(\$927,806)
COMPLETION	19.67	\$6,469	\$2,110,606	\$0	

**Daily Operations**

Rig					
Drilled Last 24 Hours (ft)	End Depth (ftKB)	End Depth (TVD) (ftKB)	DFS (days)	Report Number	Report End Date
0.00	12,062.0	7,080.3	56.00	43	6/4/2014

Last Casing String  
PRODUCTION 1, 12,055.1ftKB

Status at 6 AM FLOWBACK	24 Hour Forecast FLOWBACK
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**Time Log**

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	06:00	24.00	FLWTST	ACTIVE	TBG 48 CSG 1,000 H2O 566 OIL 139 CHL 64,455 GAS- 0 CHOKE 64



**UNIVERSITY 49-1 6H**  
Wellbore Name: OH

**WEST UNRESTRICTED**  
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**Partner Report**

**Report # 43 Date: 6/5/2014 06:00**

District PERMIAN BASIN	County REAGAN	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location SEC 1, BLK 49, UNIVERSITY LAND	API/UWI 4238338628	Latitude (°) 31° 7' 52.934" N	Longitude (°) 101° 23' 24.782" W	Ground Elev... 2,761.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,786.00	Tubing Head Elevation (ft)

**Jobs**

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 12,119.0	Authorized Depth TVD (ftKB)	API/UWI 4238338628
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**Costs**

WBS Number XX-101082.01.SLC;XX-101082.01.DRL;XX-101082.01.CMP;XX-101082.01.EQP;XX-101082.01.TIE	Planned Days (days) 20.50	Daily Cost (Cost) \$6,675	Cum To Date (Cost) \$4,580,143	Total WBS+Sup (Cost) \$4,339,797	Job % Complete (%)
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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	21.56	\$0	\$2,470,038	\$1,542,232	(\$927,806)
COMPLETION	19.67	\$6,675	\$2,110,105	\$0	

**Daily Operations**

Rig	Drilled Last 24 Hours (ft) 0.00	End Depth (ftKB) 12,062.0	End Depth (TVD) (ftKB) 7,080.3	DFS (days) 57.00	Report Number 43	Report End Date 6/5/2014
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Last Casing String PRODUCTION 1, 12,055.1ftKB
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Status at 6 AM FLOWBACK	24 Hour Forecast FLOWBACK
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**Time Log**

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	06:00	24.00	FLWTST	ACTIVE	TBG 50 CSG 1,040 H2O 625 OIL 151 CHL 66,107 GAS- 0 CHOKE 64



UNIVERSITY 49-1 6H  
Wellbore Name: OH

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Partner Report

Report # 44 Date: 6/6/2014 06:00

District PERMIAN BASIN	County REAGAN	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location SEC 1, BLK 49, UNIVERSITY LAND	API/UWI 4238338628	Latitude (°) 31° 7' 52.934" N	Longitude (°) 101° 23' 24.782" W	Ground Elev... 2,761.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,786.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 12,119.0	Authorized Depth TVD (ftKB)	API/UWI 4238338628
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Costs

WBS Number XX-101082.01.SLC;XX-101082.01.DRL;XX-101082.01.CMP;XX-101082.01.EQP;XX-101082.01.TIE	Planned Days (days) 20.50	Daily Cost (Cost) \$6,696	Cum To Date (Cost) \$4,586,839	Total WBS+Sup (Cost) \$4,339,797	Job % Complete (%)
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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	21.56	\$0	\$2,470,038	\$1,542,232	(\$927,806)
COMPLETION	20.67	\$6,696	\$2,116,801	\$0	

Daily Operations

Rig

Drilled Last 24 Hours (ft) 0.00	End Depth (ftKB) 12,062.0	End Depth (TVD) (ftKB) 7,080.3	DFS (days) 58.00	Report Number 44	Report End Date 6/6/2014
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Last Casing String  
PRODUCTION 1, 12,055.1ftKB

Status at 6 AM FLOWBACK	24 Hour Forecast FLOWBACK
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Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	06:00	24.00	FLWTST	ACTIVE	TBG 110 CSG 1,010 H2O 631 OIL 170 CHL 66,107 GAS- 152 CHOKE 64





UNIVERSITY 49-1 6H  
Wellbore Name: OH

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Partner Report

Report # 45 Date: 6/7/2014 06:00

District PERMIAN BASIN	County REAGAN	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location SEC 1, BLK 49, UNIVERSITY LAND	API/UWI 4238338628	Latitude (°) 31° 7' 52.934" N	Longitude (°) 101° 23' 24.782" W	Ground Elev... 2,761.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,786.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 12,119.0	Authorized Depth TVD (ftKB)	API/UWI 4238338628
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Costs

WBS Number XX-101082.01.SLC;XX-101082.01.DRL;XX-101082.01.CMP;XX-101082.01.EQP;XX-101082.01.TIE	Planned Days (days) 20.50	Daily Cost (Cost) \$6,578	Cum To Date (Cost) \$4,593,417	Total WBS+Sup (Cost) \$4,339,797	Job % Complete (%)
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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	21.56	\$0	\$2,470,038	\$1,542,232	(\$927,806)
COMPLETION	21.67	\$6,578	\$2,123,379	\$0	

Daily Operations

Rig	Drilled Last 24 Hours (ft) 0.00	End Depth (ftKB) 12,062.0	End Depth (TVD) (ftKB) 7,080.3	DFS (days) 59.00	Report Number 45	Report End Date 6/7/2014
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Last Casing String  
PRODUCTION 1, 12,055.1ftKB

Status at 6 AM FLOWBACK	24 Hour Forecast FLOWBACK
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Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	06:00	24.00	FLWTST	ACTIVE	TBG 110 CSG 1,020 H2O 597 OIL 165 CHL 66,760 GAS- 259 CHOKE 64



**UNIVERSITY 49-1 6H**  
Wellbore Name: OH

**WEST UNRESTRICTED**  
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**Partner Report**

**Report # 46 Date: 6/8/2014 06:00**

District PERMIAN BASIN	County REAGAN	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location SEC 1, BLK 49, UNIVERSITY LAND	API/UWI 4238338628	Latitude (°) 31° 7' 52.934" N	Longitude (°) 101° 23' 24.782" W	Ground Elev... 2,761.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,786.00	Tubing Head Elevation (ft)

**Jobs**

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 12,119.0	Authorized Depth TVD (ftKB)	API/UWI 4238338628
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**Costs**

WBS Number XX-101082.01.SLC;XX-101082.01.DRL;XX-101082.01.CMP;XX-101082.01.EQP;XX-101082.01.TIE	Planned Days (days) 20.50	Daily Cost (Cost) \$6,563	Cum To Date (Cost) \$4,599,980	Total WBS+Sup (Cost) \$4,339,797	Job % Complete (%)
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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	21.56	\$0	\$2,470,038	\$1,542,232	(\$927,806)
COMPLETION	22.67	\$6,563	\$2,129,942	\$0	

**Daily Operations**

Rig	Drilled Last 24 Hours (ft) 0.00	End Depth (ftKB) 12,062.0	End Depth (TVD) (ftKB) 7,080.3	DFS (days) 60.00	Report Number 46	Report End Date 6/8/2014
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Last Casing String PRODUCTION 1, 12,055.1ftKB
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Status at 6 AM FLOWBACK	24 Hour Forecast FLOWBACK
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**Time Log**

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	06:00	24.00	FLWTST	ACTIVE	TBG 150 CSG 1,020 H2O 593 OIL 200 CHL 66,760 GAS- 338 CHOKE 64



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Partner Report

Report # 47 Date: 6/9/2014 06:00

District	County	Field Name	Project Group	State/Province			
PERMIAN BASIN	REAGAN	LIN (WOLFCAMP)	PB TEXAS EAST	TX			
Surface Legal Location	API/UWI	Latitude (°)	Longitude (°)	Ground Elev...	KB - GL (ft)	Orig KB Elev (ft)	Tubing Head Elevation (ft)
SEC 1, BLK 49, UNIVERSITY LAND	4238338628	31° 7' 52.934" N	101° 23' 24.782" W	2,761.00	25.00	2,786.00	

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 12,119.0	Authorized Depth TVD (ftKB)	API/UWI 4238338628
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Costs

WBS Number XX-101082.01.SLC;XX-101082.01.DRL;XX-101082.01.CMP;XX-101082.01.EQP;XX-101082.01.TIE	Planned Days (days) 20.50	Daily Cost (Cost) \$6,588	Cum To Date (Cost) \$4,606,568	Total WBS+Sup (Cost) \$4,339,797	Job % Complete (%)
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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	21.56	\$0	\$2,470,038	\$1,542,232	(\$927,806)
COMPLETION	23.67	\$6,588	\$2,136,530	\$0	

Daily Operations

Rig	Drilled Last 24 Hours (ft) 0.00	End Depth (ftKB) 12,062.0	End Depth (TVD) (ftKB) 7,080.3	DFS (days) 61.00	Report Number 47	Report End Date 6/9/2014
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Last Casing String  
PRODUCTION 1, 12,055.1ftKB

Status at 6 AM FLOWBACK	24 Hour Forecast FLOWBACK
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Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	06:00	24.00	FLWTST	ACTIVE	TBG 115 CSG 960 H2O 648 OIL 153 CHL 66,760 GAS- 328 CHOKE 64
06:00	06:00				



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Partner Report

Report # 48 Date: 6/10/2014 06:00

District	County	Field Name	Project Group	State/Province			
PERMIAN BASIN	REAGAN	LIN (WOLFCAMP)	PB TEXAS EAST	TX			
Surface Legal Location	API/UWI	Latitude (°)	Longitude (°)	Ground Elev...	KB - GL (ft)	Orig KB Elev (ft)	Tubing Head Elevation (ft)
SEC 1, BLK 49, UNIVERSITY LAND	4238338628	31° 7' 52.934" N	101° 23' 24.782" W	2,761.00	25.00	2,786.00	

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 12,119.0	Authorized Depth TVD (ftKB)	API/UWI 4238338628
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Costs

WBS Number XX-101082.01.SLC;XX-101082.01.DRL;XX-101082.01.CMP;XX-101082.01.EQP;XX-101082.01.TIE	Planned Days (days) 20.50	Daily Cost (Cost) \$5,885	Cum To Date (Cost) \$4,612,453	Total WBS+Sup (Cost) \$4,339,797	Job % Complete (%)
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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	21.56	\$0	\$2,470,038	\$1,542,232	(\$927,806)
COMPLETION	24.67	\$5,885	\$2,142,415	\$0	

Daily Operations

Rig					
Drilled Last 24 Hours (ft)	End Depth (ftKB)	End Depth (TVD) (ftKB)	DFS (days)	Report Number	Report End Date
0.00	12,062.0	7,080.3	62.00	48	6/10/2014

Last Casing String  
PRODUCTION 1, 12,055.1ftKB

Status at 6 AM FLOWBACK	24 Hour Forecast FLOWBACK
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Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	06:00	24.00	FLWTST	ACTIVE	TBG 155 CSG 1000 H2O 654 OIL 218 CHL 66,760 GAS- 497 CHOKE 64



**UNIVERSITY 49-1 6H**  
Wellbore Name: OH

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**Partner Report**

**Report # 49 Date: 6/11/2014 06:00**

District PERMIAN BASIN	County REAGAN	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location SEC 1, BLK 49, UNIVERSITY LAND	API/UWI 4238338628	Latitude (°) 31° 7' 52.934" N	Longitude (°) 101° 23' 24.782" W	Ground Elev... 2,761.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,786.00	Tubing Head Elevation (ft)

**Jobs**

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 12,119.0	Authorized Depth TVD (ftKB)	API/UWI 4238338628
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**Costs**

WBS Number XX-101082.01.SLC;XX-101082.01.DRL;XX-101082.01.CMP;XX-101082.01.EQP;XX-101082.01.TIE	Planned Days (days) 20.50	Daily Cost (Cost) \$5,885	Cum To Date (Cost) \$4,618,338	Total WBS+Sup (Cost) \$4,339,797	Job % Complete (%)
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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	21.56	\$0	\$2,470,038	\$1,542,232	(\$927,806)
COMPLETION	25.67	\$5,885	\$2,148,300	\$0	

**Daily Operations**

Rig	Drilled Last 24 Hours (ft) 0.00	End Depth (ftKB) 12,062.0	End Depth (TVD) (ftKB) 7,080.3	DFS (days) 63.00	Report Number 49	Report End Date 6/11/2014
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Last Casing String PRODUCTION 1, 12,055.1ftKB
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Status at 6 AM FLOWBACK	24 Hour Forecast FLOWBACK
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**Time Log**

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	06:00	24.00	FLWTST	ACTIVE	TBG 110 CSG 980 H2O 559 OIL 231 CHL 71,065 GAS- 547 CHOKE 64



**UNIVERSITY 49-1 6H**  
Wellbore Name: OH

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**Partner Report**

**Report # 50 Date: 6/12/2014 06:00**

District MIDLAND BASIN	County REAGAN	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location SEC 1, BLK 49, UNIVERSITY LAND	API/UWI 4238338628	Latitude (°) 31° 7' 52.934" N	Longitude (°) 101° 23' 24.782" W	Ground Elev... 2,761.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,786.00	Tubing Head Elevation (ft)

**Jobs**

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 12,119.0	Authorized Depth TVD (ftKB)	API/UWI 4238338628
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**Costs**

WBS Number XX-101082.01.SLC;XX-101082.01.DRL;XX-101082.01.CMP;XX-101082.01.EQP;XX-101082.01.TIE	Planned Days (days) 20.50	Daily Cost (Cost) \$6,545	Cum To Date (Cost) \$4,624,883	Total WBS+Sup (Cost) \$4,339,797	Job % Complete (%)
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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	21.56	\$0	\$2,470,038	\$1,542,232	(\$927,806)
COMPLETION	26.67	\$6,545	\$2,154,845	\$0	

**Daily Operations**

Rig

Drilled Last 24 Hours (ft) 0.00	End Depth (ftKB) 12,062.0	End Depth (TVD) (ftKB) 7,080.3	DFS (days) 64.00	Report Number 50	Report End Date 6/12/2014
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Last Casing String  
PRODUCTION 1, 12,055.1ftKB

Status at 6 AM FLOWBACK	24 Hour Forecast FLOWBACK
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**Time Log**

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	11:00	5.00	FLWTST	ACTIVE	TBG 130 CSG 1000 H2O 146 OIL 28 CHL 71,065 GAS- 90 CHOKE 64  FLOWED WELL 5 HRS. TURNED WELL OVER TO PRODUCTION. FINAL REPORT.
11:00	06:00	19.00	SHUTDOWN	ACTIVE	NO ACTIVITY.