



UNIVERSITY 52-10 7H
Wellbore Name: OH

WEST UNRESTRICTED
CONFIDENTIAL

Partner Report

Report # 1 Date: 12/17/2012 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS	State/Province TX			
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541602	Latitude (°) 31° 4' 4.214" N	Longitude (°) 101° 1' 7.585" E	Ground Elev... 2,523.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,548.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB)	Authorized Depth TVD (ftKB)	API/UWI 4210541602
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Costs

WBS Number	Planned Days (days) 29.38	Daily Cost (Cost)	Cum To Date (Cost)	Total WBS+Sup (Cost)	Job % Complete (%)
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	0.00	\$0	\$0	\$1,702,000	\$1,702,000
COMPLETION	0.00	\$0	\$0	\$400,000	\$400,000

Daily Operations

Rig					
Drilled Last 24 Hours (ft)	End Depth (ftKB)	End Depth (TVD) (ftKB)	DFS (days)	Report Number	Report End Date
Last Casing String					
Status at 6 AM			24 Hour Forecast		

Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	06:30	0.50	SAFETY	ACTIVE	SM WITH PRO EMPLOYEES
06:30	18:00	11.50	MOB	ACTIVE	RIG MOVE TO NEW LOCATION (WHICH IS A DEVON HOLE OFF CR 131) MOVE KEM TRON, PUMP RIG, DOGHOUSE, PIPE TRAILER & MISC. EQUIPMENT. START RIGGING UP
18:00	18:30	0.50	SAFETY	ACTIVE	S/M WITH PRO EMPLOYEES
18:30	19:30	1.00	MOB	ACTIVE	FINISH RIGGING UP
19:30	21:30	2.00	BHA	ACTIVE	P/U BHA, WAIT IN CEMENT HAND TO GET TOOLS READY
21:30	22:30	1.00	SAFETY	ACTIVE	PRE SPUD INSPECTION
22:30	23:30	1.00	DRLG	ACTIVE	DRILL F/ 0' T/ 31'
23:30	01:00	1.50	RIGSVC	ACTIVE	REPAIR TOPDRIVE PACKING
01:00	06:00	5.00	DRLG	ACTIVE	DRILL F/ 31' T/ 141' PICKING UP MWD TOOLS



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Partner Report

Report # 2 Date: 12/18/2012 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS	State/Province TX			
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541602	Latitude (°) 31° 4' 4.214" N	Longitude (°) 101° 1' 7.585" E	Ground Elev... 2,523.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,548.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB)	Authorized Depth TVD (ftKB)	API/UWI 4210541602
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Costs

WBS Number	Planned Days (days) 29.38	Daily Cost (Cost) \$108,960	Cum To Date (Cost) \$108,960	Total WBS+Sup (Cost)	Job % Complete (%)
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	0.00	\$0	\$0	\$1,702,000	\$1,702,000
COMPLETION	0.00	\$0	\$0	\$400,000	\$400,000

Daily Operations

Rig PRO DRILLING SERVICE , 2					
Drilled Last 24 Hours (ft) 649.00	End Depth (ftKB) 790.0	End Depth (TVD) (ftKB)	DFS (days) 1.31	Report Number 2	Report End Date 12/18/2012
Last Casing String					
Status at 6 AM S/M W/ RIG CREW TO RUN CSG			24 Hour Forecast RUN CSG, CMT CSG, WELD ON HEAD.		

Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	06:30	0.50	SAFETY	ACTIVE	S/M WITH PRO EMPLOYEES
06:30	08:30	2.00	DRLG	ACTIVE	DRILL F/ 141' T/ 173'
08:30	09:00	0.50	LOG	ACTIVE	LAYED DOWN 2 JTS & RAN SURVEY @ 54' (.31) RUN SURVEY EVERY CONNECTION
09:00	09:30	0.50	TRIP	ACTIVE	T.I.H. 2 JTS & DRILL F/ 173' T/ 185'
09:30	10:00	0.50	CIRC	ACTIVE	LOST CIRC- P/U 2 JTS & TRIED TO REGAIN CIRC.
10:00	18:00	8.00	DRLG	ACTIVE	DRILL F/ 185' T/ 424' - WAITED ON WATER FOR 1.5 HRS DURING THIS TIME
18:00	18:30	0.50	SAFETY	ACTIVE	S/M WITH PRO EMPLOYEES
18:30	19:30	1.00	DRLG	ACTIVE	DRILL F/ 424' T/ 600'
19:30	20:00	0.50	PITS	ACTIVE	WAIT ON WATER
20:00	21:00	1.00	DRLG	ACTIVE	DRILL F/ 600' T/ 683'
21:00	22:00	1.00	PITS	ACTIVE	WAIT ON WATER
22:00	01:00	3.00	DRLG	ACTIVE	DRILL F/ 683' T/ 790' (TD)
01:00	01:30	0.50	SAFETY	ACTIVE	PREP FOR TRIP
01:30	03:30	2.00	TRIP	ACTIVE	T.O.O.H.
03:30	05:30	2.00	TRIP	ACTIVE	LAY DOWN MWD TOOLS
05:30	06:00	0.50	SAFETY	ACTIVE	PREP FOR CASING



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Partner Report

Report # 4 Date: 1/19/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS	State/Province TX			
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541602	Latitude (°) 31° 4' 4.214" N	Longitude (°) 101° 1' 6.19" W	Ground Elev... 2,523.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,548.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,153.0	Authorized Depth TVD (ftKB)	API/UWI 4210541602
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Costs

WBS Number 01-03269.01;01-03269.02;01-03269.03;01-03269.04;01-03269.05	Planned Days (days) 17.00	Daily Cost (Cost) \$7,538	Cum To Date (Cost) \$116,498	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%)
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	2.67	\$0	\$108,960	\$1,590,000	\$1,481,040
COMPLETION	0.00	\$0	\$0	\$591,900	\$591,900

Daily Operations

Rig HELMERICH & PAYNE, 395					
Drilled Last 24 Hours (ft)	End Depth (ftKB)	End Depth (TVD) (ftKB)	DFS (days)	Report Number	Report End Date
0.00	790.0		33.31	4	1/19/2013

Last Casing String SURFACE, 790.0ftKB
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Status at 6 AM RIGGING DOWN	24 Hour Forecast R/D, SKID OVER TO UNIVERSITY 52-10 7H, BEGIN R/U
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Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
02:00	06:00	4.00	MOB	ACTIVE	RIG DOWN TOPDRIVE, RIG FLOOR, PIPE WRANGLER, L/D GAS BUSTER, AND R/D BACKYARD AND START UNWIRING RIG GETTING RIG READY FOR SKID FORWARD



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Partner Report

Report # 5 Date: 1/20/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS	State/Province TX			
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541602	Latitude (°) 31° 4' 4.214" N	Longitude (°) 101° 1' 6.19" W	Ground Elev... 2,523.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,548.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,153.0	Authorized Depth TVD (ftKB)	API/UWI 4210541602
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Costs

WBS Number 01-03269.01;01-03269.02;01-03269.03;01-03269.04;01-03269.05	Planned Days (days) 17.00	Daily Cost (Cost) \$39,074	Cum To Date (Cost) \$155,579	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%) 19.5
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	3.83	\$39,074	\$155,579	\$1,590,000	\$1,434,421
COMPLETION	0.00	\$0	\$0	\$591,900	\$591,900

Daily Operations

Rig					
HELMERICH & PAYNE, 395					
Drilled Last 24 Hours (ft)	End Depth (ftKB)	End Depth (TVD) (ftKB)	DFS (days)	Report Number	Report End Date
0.00	790.0		34.31	5	1/20/2013

Last Casing String SURFACE, 790.0ftKB
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Status at 6 AM GETTING READY TO SKID TANKS FORWARD	24 Hour Forecast FINISH SPOTTING RIG AND BEGIN RIG UP
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Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	18:00	12.00	MOB	ACTIVE	RIG DOWN PREPARE FOR SKID(RIG FLOOR REMAINED STANDING) L/D DOGHOUSE AND KILLED RIG POWER AND PUT ON CAMP GEN POWER, STACK OUT RIG EQUIPMENT OUTSIDE LOCATION, ATTEMPT TO SKID RIG AHEAD, SUB STRUCTURE DUG INTO SKID PLATES AND HAD TO REPOSITION HYDRAULIC CRANE AND ASSIST IN THE SKID RIG CENTERED OVER NEW WELL, TIED MUD PITS TOGETHER AND ATTEMPTED TO PULL AHEAD, UNSUCCESSFUL
18:00	06:00	12.00	MOB	ACTIVE	DRESS OUT SHAKERS, ORGANIZE CHEMICALS AND CLEAN UP LOCATION, GET READY FOR SKID AND R/U @ DAYLIGHT



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Partner Report

Report # 6 Date: 1/21/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS	State/Province TX			
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541602	Latitude (°) 31° 4' 4.214" N	Longitude (°) 101° 1' 6.19" W	Ground Elev... 2,523.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,548.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,153.0	Authorized Depth TVD (ftKB)	API/UWI 4210541602
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Costs

WBS Number 01-03269.01;01-03269.02;01-03269.03;01-03269.04;01-03269.05	Planned Days (days) 17.00	Daily Cost (Cost) \$155,300	Cum To Date (Cost) \$316,379	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%) 29.3
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	4.83	\$155,300	\$316,379	\$1,590,000	\$1,273,621
COMPLETION	0.00	\$0	\$0	\$591,900	\$591,900

Daily Operations

Rig HELMERICH & PAYNE, 395					
Drilled Last 24 Hours (ft) 0.00	End Depth (ftKB) 790.0	End Depth (TVD) (ftKB)	DFS (days) 35.31	Report Number 6	Report End Date 1/21/2013
Last Casing String SURFACE, 790.0ftKB					
Status at 6 AM N/U BOPS			24 Hour Forecast FINISH NIPPLE UP AND TEST(250 LOW-3500HIGH) BACK TO PUMPS, RIH WITH STRAIGHT HOLE BHA, TEST CSG TO 1500 PSI FOR 30 MIN AND DRILL OUT		

Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	22:30	16.50	MOB	ACTIVE	PJSM WITH RIG MOVERS AND CREW, SET IN DOGHOUSE, SKID MUD TANKS, SET PUMPS,SET MOTOR PACKAGE AND SCR/ MCC HOUSE,FINISH R/U BACKRAD AND ALL MUD EQUIPMENT, WIRE UP RIG AND START UP GENERATORS AND TEST RUN ALL EQUIP, UNPIN BLOCK AND TOPDRIVE, CHANGE OUT SAVER SUB, CUT DITCHES AROUND LOCATION, PERFORM PRESPUD INSPECTION
22:30	06:00	7.50	BOPS	ACTIVE	R/U BOP TRAVELER AND RAISE BOP, REMOVE DRY HOLE CAP AND INSTALL DSA AND SPACER SPOOLS, INSTALL FLEX HOSE F/ CHOKE MANIFOLD AND BEGIN HOOKING UP BOP LINES, REMOVE CHECK VALVE, WORK WITH WELDER TO MODIFY FLOWLINE(MUD PITS SET TOO CLOSE TO SUBSTRUCTURE) WENT ON DAY WORK @ 22:30 HOURS WHEN N/U BOPS



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Partner Report

Report # 7 Date: 1/22/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS	State/Province TX			
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541602	Latitude (°) 31° 4' 4.214" N	Longitude (°) 101° 1' 6.19" W	Ground Elev... 2,523.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,548.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,153.0	Authorized Depth TVD (ftKB)	API/UWI 4210541602
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Costs

WBS Number 01-03269.01;01-03269.02;01-03269.03;01-03269.04;01-03269.05	Planned Days (days) 17.00	Daily Cost (Cost) \$125,363	Cum To Date (Cost) \$494,743	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%) 34.2
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Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	5.83	\$125,363	\$494,743	\$1,590,000	\$1,095,258
COMPLETION	0.00	\$0	\$0	\$591,900	\$591,900

Daily Operations

Rig HELMERICH & PAYNE, 395					
Drilled Last 24 Hours (ft)	End Depth (ftKB)	End Depth (TVD) (ftKB)	DFS (days)	Report Number	Report End Date
1,188.00	1,978.0	1,974.6	0.21	7	1/22/2013

Last Casing String SURFACE, 790.0ftKB
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Status at 6 AM DRILL/SLIDE 6AM DEPTH 1978'	24 Hour Forecast CONTINUE DRILL TANGENT F/ 1978' TO KOP @ 5724' ESTIMATED DEPTH
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Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	17:00	11.00	BOPS	ACTIVE	FINISH NIPPLE UP, TEST BOPS. TEST BACK TO MUD PUMPS , TEST GOOD. TEST ALL RAMS ON STACK 250 LOW 3500 HIGH, TEST ALL FLOOR VALVES 250 LOW 3500 HIGH, TEST HYDRIL 250 LOW 3500 HIGH, TEST ALL VALVES ON CHOKE 250 LOW 3500 HIGH. TEST 9 5/8 SURFACE CASING 1500 HIGH, HOLD FOR 30 MIN. GOOD TEST ON ALL EQUIPMENT CO MAN PRESENT DURING ALL TESTING
17:00	20:00	3.00	BHA	ACTIVE	STRAP AND P/U STRAIGHT HOLE BHA, M/U 8 3/4" VERTICAL SECTION BIT (MM65DRM), M/U 6 3/4" SPERRY MOTOR 6/7- 6.0 STG(.3 RPG), TEST MWD
20:00	23:30	3.50	TRIP	ACTIVE	START PICKING UP 5" HWDP F/ 228' T/ 744' INSTALLED ROTATING HEAD TAGGED CEMENT @ 744'
23:30	01:00	1.50	RMWASH	ACTIVE	DRILL OUT CEMENT, FLOAT AND SHOE TRACK T/ 809' 10 RPM, 322 GPM, 15 WOB FLOAT @ 765' SHOE @ 809'
01:00	06:00	5.00	DRLG	ACTIVE	ROTATE/ SLIDE F/ 809' T/ 1978' SLIDE TO KEEP 4 DEGREE UNTIL KOP 78/78 SPM= 593 GPM 80 RPM 25-30 WOB TORQ 6-8K AVG ROP- 234 FT/HR PUMPING SWEEPS EVERY 200' SLIDE- 60' ROTATE- 1109' TOTAL 24 HR FOOTAGE- 1169' LAST SURVEY MD 1,528 TVD 1,526.10 INC 4.83 AZM 97.39 NORTH/SOUTH -0.02 EAST/WEST 48.65 VS 2.50 DLS 0.22 Behind 0.00 Left 0.00



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Partner Report

Report # 8 Date: 1/23/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS	State/Province TX			
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541602	Latitude (°) 31° 4' 4.214" N	Longitude (°) 101° 1' 6.19" W	Ground Elev... 2,523.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,548.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,153.0	Authorized Depth TVD (ftKB)	API/UWI 4210541602
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Costs

WBS Number 01-03269.01;01-03269.02;01-03269.03;01-03269.04;01-03269.05	Planned Days (days) 17.00	Daily Cost (Cost) \$58,833	Cum To Date (Cost) \$554,826	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%) 43.9
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	6.83	\$58,833	\$554,826	\$1,590,000	\$1,035,174
COMPLETION	0.00	\$0	\$0	\$591,900	\$591,900

Daily Operations

Rig HELMERICH & PAYNE, 395					
Drilled Last 24 Hours (ft)	End Depth (ftKB)	End Depth (TVD) (ftKB)	DFS (days)	Report Number	Report End Date
3,672.00	5,650.0	5,635.8	1.21	8	1/23/2013
Last Casing String SURFACE, 790.0ftKB					
Status at 6 AM POOH FOR CURVE ASSY			24 Hour Forecast POOH WITH VERTICAL BHA TO PICK UP CURVE DRILLING ASSEMBLY		

Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	07:00	1.00	RIGSVC	ACTIVE	SERVICE RIG AND TOPDRIVE, CHANGE OUT ROTATE HEAD
07:00	03:30	20.50	DRLG	ACTIVE	SLIDE AND DRILL F/ 1978' TO 5650' 593 GPM, MTR RPM 184, 500 DIFF PSI, 80 TD RPM, 35 WOB, 7-10K TORQ PUMPING 20 BBL HI VIS SWEEPS EVERY 200' 4 DEGREE TANGENT DISPLACED BRINE WITH SHALEDRIILL@ 5300' BUILD AND PUMPED TWO 30 BBL HI VIS SWEEPS AROUND AND CIRC UNTIL HOLE IS CLEAN,BUILD SLUG, FLOW CHECK, AND PUMP SLUG SLIDE-242' ROTATE- 3430' TOTAL 24 HRS- 3672' ROP 355 FPH LAST SURVEY 5537' MD 5523' TVD 3.17 INC 103.54 AZ 11' AHEAD OF THE LINE 11' RIGHT OF THE LINE NTL=8.7 100% SHALE 5650' WOLFCAMP
03:30	05:30	2.00	CIRC	ACTIVE	
05:30	06:00	0.50	TRIP	ACTIVE	POOH F/ 5650' T/ 5230' FOR CURVE ASSY PULLED SLICK



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Partner Report

Report # 9 Date: 1/24/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS	State/Province TX			
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541602	Latitude (°) 31° 4' 4.214" N	Longitude (°) 101° 1' 6.19" W	Ground Elev... 2,523.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,548.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,153.0	Authorized Depth TVD (ftKB)	API/UWI 4210541602
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Costs

WBS Number 01-03269.01;01-03269.02;01-03269.03;01-03269.04;01-03269.05	Planned Days (days) 17.00	Daily Cost (Cost) \$95,239	Cum To Date (Cost) \$650,065	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%) 48.5
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	7.83	\$95,239	\$650,065	\$1,590,000	\$939,935
COMPLETION	0.00	\$0	\$0	\$591,900	\$591,900

Daily Operations

Rig HELMERICH & PAYNE, 395						
Drilled Last 24 Hours (ft) 628.00	End Depth (ftKB) 6,278.0	End Depth (TVD) (ftKB) 6,165.7	DFS (days) 2.21	Report Number 9	Report End Date 1/24/2013	
Last Casing String SURFACE, 790.0ftKB						
Status at 6 AM DRILLING @ 6278'			24 Hour Forecast LAND CURVE, TOH FOR LATERAL ASSY			

Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	06:30	0.50	TRIP	ACTIVE	PULL ROT. HEAD , INSTALL TRIP NIPPLE.
06:30	07:00	0.50	RIGSVC	ACTIVE	SERVICE RIG AND TOP DRIVE
07:00	12:00	5.00	TRIP	ACTIVE	TOH. L/D REPEATER, AGGITATOR, SS, AND 3 DRILL COLLARS
12:00	16:30	4.50	TRIP	ACTIVE	P/U DIRECTIONAL TOOLS, SURFACE TEST SAME. TTIH T/ 5608' MTR TEST = 196 GPM = 350 PSI
16:30	17:00	0.50	RMWASH	ACTIVE	W/R 5608' T/ 5650' FOR SAFETY
17:00	06:00	13.00	DRLG	ACTIVE	DRILL F/ 5650' T/ 6278. AHEAD 81' RIGHT 30' AZI 173.43 INC 41.93 SLIDE 364' ROT 264' TOTAL DRILLED 628' , MOTOR YLD, 15.70 & NEED 7.90 TO LAND.



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Partner Report

Report # 10 Date: 1/25/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS	State/Province TX			
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541602	Latitude (°) 31° 4' 4.214" N	Longitude (°) 101° 1' 6.19" W	Ground Elev... 2,523.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,548.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,153.0	Authorized Depth TVD (ftKB)	API/UWI 4210541602
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Costs

WBS Number 01-03269.01;01-03269.02;01-03269.03;01-03269.04;01-03269.05	Planned Days (days) 17.00	Daily Cost (Cost) \$94,841	Cum To Date (Cost) \$744,906	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%) 52.4
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	8.83	\$94,841	\$744,906	\$1,590,000	\$845,094
COMPLETION	0.00	\$0	\$0	\$591,900	\$591,900

Daily Operations

Rig HELMERICH & PAYNE, 395					
Drilled Last 24 Hours (ft)	End Depth (ftKB)	End Depth (TVD) (ftKB)	DFS (days)	Report Number	Report End Date
412.00	6,690.0	6,286.4	3.21	10	1/25/2013

Last Casing String SURFACE, 790.0ftKB
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Status at 6 AM TIH W/ LATERAL ASSY	24 Hour Forecast TRIP IN DRILL LATERAL
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Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	14:30	8.50	DRLG	ACTIVE	DRILL F/ 6278' T/ 6690'. (CURVE LANDED @ 6690')
14:30	16:00	1.50	CIRC	ACTIVE	CIRC. PUMP HIGH VISC SWEEPS WHILE WORKING PIPE SLOWLY 1ST SWEEP- SHAKERS LOADED 2ND SWEEP- SHAKERS CLEANED UP
16:00	16:30	0.50	RIGSVC	ACTIVE	RIG SERVICE
16:30	01:00	8.50	TRIP	ACTIVE	TOH FOR LATERAL ASSY
01:00	03:30	2.50	TRIP	ACTIVE	P/U LATERAL ASSY. SURFACE TEST SAME. 500 GPM = 915 PSI. TIH TO 767'.
03:30	05:30	2.00	RIGSVC	ACTIVE	CUT DRLG LINE
05:30	06:00	0.50	TRIP	ACTIVE	TIH T/ 1998' AHEAD .3' RIGHT 10.3' AZI 179.59 INC 84.3 SLIDE 199' ROT 212' TOTAL DRILLED 411' LUBRICITY 0.19



UNIVERSITY 52-10 7H

Wellbore Name: OH

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Partner Report

Report # 11 Date: 1/26/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS	State/Province TX			
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541602	Latitude (°) 31° 4' 4.214" N	Longitude (°) 101° 1' 6.19" W	Ground Elev... 2,523.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,548.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,153.0	Authorized Depth TVD (ftKB)	API/UWI 4210541602
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Costs

WBS Number 01-03269.01;01-03269.02;01-03269.03;01-03269.04;01-03269.05	Planned Days (days) 17.00	Daily Cost (Cost) \$67,968	Cum To Date (Cost) \$812,874	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%) 56.5
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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	9.83	\$67,968	\$812,874	\$1,590,000	\$777,126
COMPLETION	0.00	\$0	\$0	\$591,900	\$591,900

Daily Operations

Rig HELMERICH & PAYNE, 395					
Drilled Last 24 Hours (ft) 694.00	End Depth (ftKB) 7,384.0	End Depth (TVD) (ftKB) 6,256.0	DFS (days) 4.21	Report Number 11	Report End Date 1/26/2013

Last Casing String SURFACE, 790.0ftKB
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Status at 6 AM TOH	24 Hour Forecast CHANGE BHA, TIH, DRILL LATERAL
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Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	06:30	0.50	RIGSVC	ACTIVE	RIG SERVICE.
06:30	09:30	3.00	TRIP	ACTIVE	TIH T/ 5616'.
09:30	10:30	1.00	RMWASH	ACTIVE	W/R F/ 5616' T/ 6690'. NO PROBLEMS.
10:30	23:00	12.50	DRLG	ACTIVE	DRILL F/ 6690' T/ 7384'. NEEDED TO DROP ANGLE. NO SUCCESS.
23:00	00:30	1.50	CIRC	ACTIVE	CIRC SWEEP. 20% INCREASE IN CUTTINGS. CONTINUE CIRCULATING TILL SHAKERS CLEANED UP
00:30	06:00	5.50	TRIP	ACTIVE	TOH TO FIND SOLUTION TO PROBLEM. UNABLE TO DROP ANGLE WITH THIS ASSY.
					LUBE COEF = .2
					LAST SAMPLE = 60% LIMEY SHALE, 40% SHALEY LIMESTONE
					LAST SURVEY @ 7255'
					AHEAD = 12'
					RIGHT = 15'
					AZI = 179.65
					INC = 93.95
					SLIDE = 111'
					ROT = 585'
					TOTAL = 696'



UNIVERSITY 52-10 7H

Wellbore Name: OH

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Partner Report

Report # 12 Date: 1/27/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS	State/Province TX			
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541602	Latitude (°) 31° 4' 4.214" N	Longitude (°) 101° 1' 6.19" W	Ground Elev... 2,523.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,548.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,153.0	Authorized Depth TVD (ftKB)	API/UWI 4210541602
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Costs

WBS Number 01-03269.01;01-03269.02;01-03269.03;01-03269.04;01-03269.05	Planned Days (days) 17.00	Daily Cost (Cost) \$105,847	Cum To Date (Cost) \$918,721	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%) 58.9
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Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	10.83	\$92,619	\$905,493	\$1,590,000	\$684,507
COMPLETION	0.00	\$13,228	\$13,228	\$591,900	\$578,672

Daily Operations

Rig					
HELMERICH & PAYNE, 395					
Drilled Last 24 Hours (ft)	End Depth (ftKB)	End Depth (TVD) (ftKB)	DFS (days)	Report Number	Report End Date
0.00	7,384.0	6,255.5	5.21	12	1/27/2013

Last Casing String SURFACE, 790.0ftKB
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Status at 6 AM DRILLING @ 8900'	24 Hour Forecast DRILL LATERAL
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Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	09:30	3.50	BHA	ACTIVE	P/U MTR. AND CHANGE OUT MWD. SURFACE TEST SAME W/ 530 GPM = 1050 PSI.
09:30	10:00	0.50	RIGSVC	ACTIVE	RIG SERVICE
10:00	13:00	3.00	TRIP	ACTIVE	TIH T/ 7180'
13:00	13:30	0.50	RMWASH	ACTIVE	W/R F/ 7180' T/ 7384' FOR SAFETY
13:30	06:00	16.50	DRLG	ACTIVE	DRILL F/ 7384' T/ 8900'
					LUBE COEF = .2 LAST SAMPLE= 90% LIMEY SHALE/ 10% SHALEY LIME LAST SURVEY = 8659' AZI = 181.1 INC = 90.95 SLIDE = 131' ROT = 1385' TOTAL = 1516'



UNIVERSITY 52-10 7H

Wellbore Name: OH

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Partner Report

Report # 13 Date: 1/28/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS	State/Province TX			
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541602	Latitude (°) 31° 4' 4.214" N	Longitude (°) 101° 1' 6.19" W	Ground Elev... 2,523.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,548.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,153.0	Authorized Depth TVD (ftKB)	API/UWI 4210541602
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Costs

WBS Number 01-03269.01;01-03269.02;01-03269.03;01-03269.04;01-03269.05	Planned Days (days) 17.00	Daily Cost (Cost) \$94,959	Cum To Date (Cost) \$963,681	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%) 68.2
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Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	11.83	\$94,959	\$950,453	\$1,590,000	\$639,547
COMPLETION	0.00	\$0	\$13,228	\$591,900	\$578,672

Daily Operations

Rig					
HELMERICH & PAYNE, 395					
Drilled Last 24 Hours (ft)	End Depth (ftKB)	End Depth (TVD) (ftKB)	DFS (days)	Report Number	Report End Date
1,525.00	10,425.0	6,278.2	6.21	13	1/28/2013

Last Casing String SURFACE, 790.0ftKB
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Status at 6 AM DRILLING @ 10,425'	24 Hour Forecast DRILL LATERAL
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Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	11:30	5.50	DRLG	ACTIVE	DRILL FROM 8900' TO 9460'
11:30	12:00	0.50	RIGSVC	ACTIVE	SERVICE RIG AND TOP DRIVE.
12:00	15:00	3.00	DRLG	ACTIVE	DRILL FROM 9455' TO 9787'
15:00	19:00	4.00	KILLOP	ACTIVE	H2S ALARMS (WELLHEAD AND SHAKERS). SHUT IN WELL AND EVACUATE RIG AS PER H&P PROCEDURES, CLOSE VBR, BIT 20' OFF BOTTOM. WAIT FOR ASI H&P SAFETY TECH TO ARRIVE ON LOCATION.
19:00	20:30	1.50	KILLOP	ACTIVE	ASI REP ARRIVED ON LOCATION AND CHECKED H 2S LEVELS. AREA CLEAR.CHANGE OUT SENSORS AND CIRCULATE BTMS UPS. NO CURRENT ALARMS.
20:30	22:30	2.00	DRLG	ACTIVE	DRILL F/ 9787' T/ 9926
22:30	23:00	0.50	KILLOP	ACTIVE	H2S ALARM SOUNDED AND SHOWED 17 PPM ON FLOOR. EVACUATE. GOT ASI REP TO CLEAR AREA.
23:00	06:00	7.00	DRLG	ACTIVE	DRILL F/ 9926' TO/ 10,425'. LAST SAMPLE= 10,303' 70% LIMEY SHALE / 30% SHALEY LIME LUBE COEF = .18 LAST SURVEY @ 10,236' INC = 90.52 AZI = 178.47 BELOW LINE 18.5' LEFT OF LINE 10 SLIDE = 118' ROT = 1407' TOTAL = 1525'



UNIVERSITY 52-10 7H

Wellbore Name: OH

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Partner Report

Report # 14 Date: 1/29/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS	State/Province TX			
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541602	Latitude (°) 31° 4' 4.214" N	Longitude (°) 101° 1' 6.19" W	Ground Elev... 2,523.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,548.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,153.0	Authorized Depth TVD (ftKB)	API/UWI 4210541602
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Costs

WBS Number 01-03269.01;01-03269.02;01-03269.03;01-03269.04;01-03269.05	Planned Days (days) 17.00	Daily Cost (Cost) \$113,085	Cum To Date (Cost) \$1,077,766	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%) 77.3
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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	12.83	\$83,307	\$1,034,760	\$1,590,000	\$555,240
COMPLETION	0.00	\$29,778	\$43,006	\$591,900	\$548,894

Daily Operations

Rig					
HELMERICH & PAYNE, 395					
Drilled Last 24 Hours (ft)	End Depth (ftKB)	End Depth (TVD) (ftKB)	DFS (days)	Report Number	Report End Date
2,575.00	13,000.0	6,254.6	7.21	14	1/29/2013

Last Casing String SURFACE, 790.0ftKB
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Status at 6 AM DRILLING @ 13000'	24 Hour Forecast DRILL LATERAL TO TD, CIRC
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Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	17:30	11.50	DRLG	ACTIVE	DRILL F/ 10,425' T/ 11881'.
17:30	18:00	0.50	RIGSVC	ACTIVE	RIG SERVICE.
18:00	06:00	12.00	DRLG	ACTIVE	DRILL F/ 11881' T/ 13000'
					LAST SAMPLE @ 12,768' = 40% LIMEY SHALE, 60% SHALEY LIME LUBE COEF = .17 BEADS = 3 PPB
					8' LOW 15' RIGHT SLIDE 110' ROT 2465' TOTAL 2575'



UNIVERSITY 52-10 7H

Wellbore Name: OH

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Partner Report

Report # 15 Date: 1/30/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)		Project Group PB TEXAS		State/Province TX	
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541602	Latitude (°) 31° 4' 4.214" N	Longitude (°) 101° 1' 6.19" W	Ground Elev... 2,523.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,548.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,153.0	Authorized Depth TVD (ftKB)	API/UWI 4210541602
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Costs

WBS Number 01-03269.01;01-03269.02;01-03269.03;01-03269.04;01-03269.05	Planned Days (days) 17.00	Daily Cost (Cost) \$75,550	Cum To Date (Cost) \$1,153,316	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%) 81.9
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	13.73	\$72,443	\$1,107,202	\$1,590,000	\$482,798
COMPLETION	0.00	\$3,108	\$46,114	\$591,900	\$545,786

Daily Operations

Rig HELMERICH & PAYNE, 395					
Drilled Last 24 Hours (ft) 1,076.00	End Depth (ftKB) 14,076.0	End Depth (TVD) (ftKB) 6,265.0	DFS (days) 8.21	Report Number 15	Report End Date 1/30/2013
Last Casing String SURFACE, 790.0ftKB					
Status at 6 AM CIRC TO L/D DRILL PIPE			24 Hour Forecast CIRC. LAY DOWN DRILL PIPE		

Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	07:00	1.00	DRLG	ACTIVE	DRILL F/ 13000' T/ 13004.
07:00	08:30	1.50	CIRC	ACTIVE	CIRCULATE. GO THRU MUD PUMP
08:30	12:30	4.00	CIRC	ACTIVE	CIRCULATE AND WORK PIPE FOR CLEAN UP CYCLE.
12:30	13:00	0.50	DRLG	ACTIVE	DRILL F/ 13004' T/ 13047'.
13:00	13:30	0.50	RIGSVC	ACTIVE	SERVICE RIG.
13:30	03:30	14.00	DRLG	ACTIVE	DRILL F/ 13067' T/ 14076'. TD LATERAL SAFETTY STAND DOWN. WORKING IN HIGH WINDS
03:30	06:00	2.50	CIRC	ACTIVE	CTCH @ TD OF THE WELL BORE. PERFORM CONTIUOS CLEAN UP CYCLE W/ 90 RPMS & 580 GPM. FIRST SWEEP BRING BACK 20% INCREASE OF COFFEE GROUND CUTTINGS. LAST SAMPLE @ 14000' = 60% LIMEY SHALE, 40% SHALEY LIME LUBE COEF = .14 LUBE CONCENTRATION = 1.5% BEADS = 3.0 LAST SURVEY @ 14008' INC = 88.74 AZI = 178.94 22' LOW 19.5' RIGHT SLIDE = 127' ROT = 949' TOTAL = 1076'



UNIVERSITY 52-10 7H

Wellbore Name: OH

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Partner Report

Report # 16 Date: 1/31/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS	State/Province TX			
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541602	Latitude (°) 31° 4' 4.214" N	Longitude (°) 101° 1' 6.19" W	Ground Elev... 2,523.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,548.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,153.0	Authorized Depth TVD (ftKB)	API/UWI 4210541602
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Costs

WBS Number 01-03269.01;01-03269.02;01-03269.03;01-03269.04;01-03269.05	Planned Days (days) 17.00	Daily Cost (Cost) \$110,151	Cum To Date (Cost) \$1,263,467	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%) 88.7
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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	13.73	\$64,807	\$1,172,009	\$1,590,000	\$417,991
COMPLETION	1.10	\$45,344	\$91,458	\$591,900	\$500,442

Daily Operations

Rig						
HELMERICH & PAYNE, 395						
Drilled Last 24 Hours (ft)	End Depth (ftKB)	End Depth (TVD) (ftKB)	DFS (days)	Report Number	Report End Date	
0.00	14,076.0	6,265.0	9.21	16	1/31/2013	

Last Casing String SURFACE, 790.0ftKB
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Status at 6 AM L/D DIRECTIONAL TOOLS	24 Hour Forecast R/U CSG CREW AND RUN 5 1/2 CSG
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Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	11:30	5.50	CIRC	ACTIVE	CIRC. FOR CLEAN UP CYCLE.
11:30	13:30	2.00	TRIP	ACTIVE	TOH 15 STDS.
13:30	17:00	3.50	DPIPE	ACTIVE	L/D DRILL PIPE TO 9352'.
17:00	17:30	0.50	RIGSVC	ACTIVE	SERVICE RIG
17:30	06:00	12.50	DPIPE	ACTIVE	L/D DRILL PIPE AND DIRECTIONAL TOOLS
					LAST SAMPLE @ 14076' = 60% LIMEY SHALE, 40% SHALEY LIME LUBE COEF = .14 LUBE CONTENT=1.5% BEADS = 3 PPB



UNIVERSITY 52-10 7H

Wellbore Name: OH

WEST UNRESTRICTED

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Partner Report

Report # 17 Date: 2/1/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS	State/Province TX			
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541602	Latitude (°) 31° 4' 4.214" N	Longitude (°) 101° 1' 6.19" W	Ground Elev... 2,523.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,548.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,153.0	Authorized Depth TVD (ftKB)	API/UWI 4210541602
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Costs

WBS Number 01-03269.01;01-03269.02;01-03269.03;01-03269.04;01-03269.05	Planned Days (days) 17.00	Daily Cost (Cost) \$54,160	Cum To Date (Cost) \$1,317,627	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%) 94.6
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Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	13.73	\$18,124	\$1,190,133	\$1,590,000	\$399,867
COMPLETION	2.10	\$36,036	\$127,494	\$591,900	\$464,406

Daily Operations

Rig HELMERICH & PAYNE, 395					
Drilled Last 24 Hours (ft)	End Depth (ftKB)	End Depth (TVD) (ftKB)	DFS (days)	Report Number	Report End Date
0.00	14,076.0	6,265.0	10.21	17	2/1/2013

Last Casing String SURFACE, 790.0ftKB
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Status at 6 AM ROTATE CSG DOWN	24 Hour Forecast ROTATE CSG TO BTM. CIRC, CMT
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Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	07:30	1.50	DPIPE	ACTIVE	L/D DIRECTIONAL TOOLS.
07:30	09:00	1.50	BOPS	ACTIVE	PULL WEAR BUSHING. L/D BAILS AND ELEVATORS
09:00	10:30	1.50	CSG	ACTIVE	R/U TESCO CSG. CREW, TORQ TURN, AND CRT
10:30	17:00	6.50	CSG	ACTIVE	RU 5 1/2, 17 ppf, P-110, BUTTRESS THREAD W/TORQ RINGS TO 4432'.
17:00	17:30	0.50	RIGSVC	ACTIVE	SERVICE RIG.
17:30	06:00	12.50	CSG	ACTIVE	CONTINUE RUNNING 5.5" 17# P-110 BTC W/ PRIEMER TORQ RINGS MAKING CASING UP TO 12K FT LBS TO 11955'. STARTED ROTATING CASING W/ 7500 FT LB TO 12360'. CIRCULATED B/U AT TOP AND BOTTOM OF THE CURVE
					LUB COEF = .14 LUBE CONTENT = 1.50% BEADS = 1.50
					CONTACTED TRRC AT 21:25 ON 1-31-13. SPOKE TO GENISIS.



UNIVERSITY 52-10 7H
Wellbore Name: OH

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Partner Report

Report # 18 Date: 2/2/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS	State/Province TX			
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541602	Latitude (°) 31° 4' 4.214" N	Longitude (°) 101° 1' 6.19" W	Ground Elev... 2,523.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,548.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,153.0	Authorized Depth TVD (ftKB)	API/UWI 4210541602
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Costs

WBS Number 01-03269.01;01-03269.02;01-03269.03;01-03269.04;01-03269.05	Planned Days (days) 17.00	Daily Cost (Cost) \$505,216	Cum To Date (Cost) \$1,822,843	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%) 100.0
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	13.73	\$14,808	\$1,204,941	\$1,590,000	\$385,059
COMPLETION	3.10	\$490,408	\$617,902	\$591,900	(\$26,002)

Daily Operations

Rig					
HELMERICH & PAYNE, 395					
Drilled Last 24 Hours (ft)	End Depth (ftKB)	End Depth (TVD) (ftKB)	DFS (days)	Report Number	Report End Date
0.00	14,076.0	6,265.0	11.21	18	2/2/2013

Last Casing String PRODUCTION, 14,076.0ftKB
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Status at 6 AM RIG RELEASED @ 06:00 HRS. 2/2/2013	24 Hour Forecast R/D. MOVE CAMP AND TUBULARS TO THE 9H
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Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	09:30	3.50	CSG	ACTIVE	ROTATE 5.5" 17# P-110 BTC CASING W/ PREMIER TORQ RINGS FROM 12360' TO 14076' W/ 7500 FT LB, 20 RPM.
09:30	10:30	1.00	CMTPRI	ACTIVE	CIRCULATE CAPACITY AND A HALF AT TD. RIG DOWN TESCO. SAFETY MEETING WITH BAKER CEMENT CREW AND RIG UP.
10:30	12:00	1.50	CMTPRI	ACTIVE	R/D CRT TOOL, R/U BAILS AND ELEVATORS. R/U CEMENTERS
12:00	15:30	3.50	CMTPRI	ACTIVE	TEST LINES TO 6000 PSI, CEMENT WITH 36 BBLs OF MUD CLEAN, 10 BBLs FRESH WATER, 329 BBLs (916 SACKS) OF 12.5 PPG/2.02 YIELD OF LEAD, 432 BBLs (1898 SACKS) OF 14.2 PPG/1.28 YIELD OF TAIL CEMENT, 24 BBLs OF 10% ACETIC ACID AND 321 BBLs OF 2% KCL MAINTAIN FULL RETURNS THROUGHOUT JOB. 65 BBL BACK TO SURFACE. BUMP PLUG AT 03:15 WITH 1800 PSI WITH 321 BBL DISPLACEMENT. FLOAT HELD, BLED BACK 2 BBL.
15:30	17:30	2.00	CMTPRI	ACTIVE	WASH TROUGH CEMENT LINES, FLUSH OUT B.O.P AND FLOW LINE AND RIG DOWN BAKER CEMENTERS
17:30	18:00	0.50	RIGSVC	ACTIVE	CONTACTED UNIVERSITY LANDS ABOUT RIG MOVE AT 07:30 ON 2-1-13 SERVICE RIG
18:00	22:00	4.00	BOPS	ACTIVE	N/D BOP. PICK UP SAME. SET SLIPS W 120K. ROUGH CUT CSG. SEPERATE DSA AND DRILLING SPOOL FROM BOP. CRADLE BOP AND REMOVE.
22:00	01:00	3.00	WLHEAD	ACTIVE	FINAL CUT AND DRESS CSG. N/U B-SECT AND TUBING HEAD. TEST SAME TO 2600 PSI AND HOLD FOR 15 MIN.
01:00	06:00	5.00	MOB	ACTIVE	CLEAN MUD TANKS IN PREP TO MOVE RIG RIG RELEASED @ 06:00 HRS. 2/2/13



UNIVERSITY 52-10 7H

Wellbore Name: OH

WEST UNRESTRICTED

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Partner Report

Report # 19 Date: 2/14/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541602	Latitude (°) 31° 4' 4.214" N	Longitude (°) 101° 1' 6.19" W	Ground Elev... 2,523.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,548.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,153.0	Authorized Depth TVD (ftKB)	API/UWI 4210541602
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Costs

WBS Number 01-03269.01;01-03269.02;01-03269.03;01-03269.04;01-03269.05	Planned Days (days) 46.00	Daily Cost (Cost) \$18,250	Cum To Date (Cost) \$1,841,093	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%)
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	13.73	\$0	\$1,204,191	\$1,590,000	\$385,809
COMPLETION	4.10	\$18,250	\$636,902	\$4,797,520	\$4,160,618

Daily Operations

Rig											
Drilled Last 24 Hours (ft)	0.00	End Depth (ftKB)	14,076.0	End Depth (TVD) (ftKB)	6,265.0	DFS (days)	23.21	Report Number	19	Report End Date	2/14/2013
Last Casing String											
PRODUCTION, 14,076.0ftKB											
Status at 6 AM						24 Hour Forecast					
RIH TO PUMPDOWN GUNS						PUMPDOWN GUNS, PERF AND ACIDIZE					

Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	12:00	6.00	RIGU	ACTIVE	WAIT ON COMPLETION OF WORK ON THE UNIVERSITY 52-10-8H
12:00	14:00	2.00	RIGU	ACTIVE	MOVE OVER FROM UNIVERSITY 52-10-1H, RU & RIH W/OIL STATES ISOLATION TOOL, RU CREST PUMP TRK.
14:00	15:00	1.00	PERF	ACTIVE	OPEN WELL. PRESSURE UP ON CASING TO 5,000 PSI. GOOD TEST. PRESSURE UP TO 7,000 PSI. HELD PRESSURE. PRESSURE UP TO 7,500 PSI. HELD PRESSURE. PRESSURE UP TO 8,000 PSI. HELD PRESSURE. PRESSURE UP TO 8,3200 PSI AND THE RSI TOOL OPENED. ESTABLISH INJ RATE @ 11.5 BPM W/ 6,400 PSI. PUMPED 50 BBLS.
15:00	16:00	1.00	PERF	ACTIVE	RIH W/ DUMMY PLUG & 3 EA API 3-3/8" PERF GUNS. PERF THE STAGE 1 WITH 3 CLUSTERS W/ 6 SPF, 25 GRAM, 0.53" EHD CONNEX CHARGES & 60 DEG PHASED, STARTED PUMPDOWN AND PUMP KEPT LOSING RATE, SHUT DOWN AND RE-PRIMED PUMP, STARTED AGAIN WITH SAME RESULTS, POOH W/GUNS, WILL REPLACE PUMP AND START PUMPDOWN IN AM. SWI, SDFN



Partner Report

Report # 20 Date: 2/15/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)		Project Group PB TEXAS EAST		State/Province TX	
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541602	Latitude (°) 31° 4' 4.214" N	Longitude (°) 101° 1' 6.19" W	Ground Elev... 2,523.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,548.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,153.0	Authorized Depth TVD (ftKB)	API/UWI 4210541602
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Costs

WBS Number 01-03269.01;01-03269.02;01-03269.03;01-03269.04;01-03269.05	Planned Days (days) 46.00	Daily Cost (Cost) \$27,850	Cum To Date (Cost) \$1,868,943	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%)
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	13.73	\$0	\$1,204,191	\$1,590,000	\$385,809
COMPLETION	5.10	\$27,850	\$664,752	\$4,797,520	\$4,132,768

Daily Operations

Rig					
Drilled Last 24 Hours (ft)	End Depth (ftKB)	End Depth (TVD) (ftKB)	DFS (days)	Report Number	Report End Date
0.00	14,076.0	6,265.0	24.21	20	2/15/2013
Last Casing String					
PRODUCTION, 14,076.0ftKB					
Status at 6 AM			24 Hour Forecast		
READY TO FRAC			WAIT ON FRAC		

Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	07:00	1.00	TRAVEL	ACTIVE	TRAVEL TO LOCATION
07:00	07:15	0.25	SAFETY	ACTIVE	SAFETY MEETING, DISCUSS PINCH POINTS & EQUIPMENT OVERHEAD
07:15	12:00	4.75	PERF	ACTIVE	RIH W/ DUMMY PLUG & 3 EA API 3-3/8" PERF GUNS. PERF THE STAGE 1 WITH 3 CLUSTERS W/ 6 SPF, 25 GRAM, 0.53" EHD CONNEX CHARGES & 60 DEG PHASED AS FOLLOWS 13,870-13,872' (12 HOLES), 13,810' - 13,812' (12 HOLES) & 13,750' - 13,752' (12 HOLES). GOT TO 13,000' AND PUMP TRUCK LOST PRIME, PUMPING RATE @ 10 BPM W/7500 PSI, WL SPEED @ 60-89 FT/MIN, TRIED PUMPING AGAIN AND PRESSURED OUT POH W/GUNS, USED 1036, BBLs OF FRESH WATER W/ 2% KCL & BIOCIDES DURING PUMP DOWN. POOH, RD WL & OIL STATES ISO TOOL.
12:00	18:00	6.00	SHUTDOWN	ACTIVE	WAIT ON FLOWBACK IRON
18:00	06:00	12.00	FLWTST	ACTIVE	RU OIL STATES FLOWBACK IRON AND FLOWBACK, STARTED @ 2100 HRS, FLOWBACK 45 BBLs, 0 PSI @ 5 BPH.



UNIVERSITY 52-10 7H
Wellbore Name: OH

WEST UNRESTRICTED
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Partner Report

Report # 21 Date: 2/16/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541602	Latitude (°) 31° 4' 4.214" N	Longitude (°) 101° 1' 6.19" W	Ground Elev... 2,523.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,548.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,153.0	Authorized Depth TVD (ftKB)	API/UWI 4210541602
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Costs

WBS Number 01-03269.01;01-03269.02;01-03269.03;01-03269.04;01-03269.05	Planned Days (days) 46.00	Daily Cost (Cost) \$24,950	Cum To Date (Cost) \$1,896,393	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%)
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	13.73	\$0	\$1,204,191	\$1,590,000	\$385,809
COMPLETION	6.10	\$24,950	\$692,202	\$4,797,520	\$4,105,318

Daily Operations

Rig					
Drilled Last 24 Hours (ft) 0.00	End Depth (ftKB) 14,076.0	End Depth (TVD) (ftKB) 6,265.0	DFS (days) 25.21	Report Number 21	Report End Date 2/16/2013
Last Casing String PRODUCTION, 14,076.0ftKB					
Status at 6 AM WAIT ON RIG			24 Hour Forecast WAIT ON RIG TO MOVE IN ON 2-18-2013 TO TCP		

Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	12:30	6.50	SHUTDOWN	ACTIVE	NO ACTIVITY
12:30	15:30	3.00	PERF	ACTIVE	RIH W/ DUMMY PLUG & 3 EA API 3-3/8" PERF GUNS. PERF THE STAGE 1 WITH 3 CLUSTERS W/ 6 SPF, 25 GRAM, 0.53" EHD CONNEX CHARGES & 60 DEG PHASED, STARTED PUMPDOWN AND WELL PRESSURED OUT W/10 BBLS PUMPED, RETRY WITH SAME RESULTS, SWI.
15:30	16:30	1.00	RIGD	ACTIVE	RD API WL & OIL STATES ISO TOOL, WILL MOVE IN RIG ON MONDAY 2-18 TO TCP
16:30	06:00	13.50	SHUTDOWN	ACTIVE	NO ACTIVITY



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Wellbore Name: OH

WEST UNRESTRICTED
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Partner Report

Report # 22 Date: 2/19/2013 06:00

District	County	Field Name		Project Group		State/Province	
PERMIAN BASIN	CROCKETT	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)
S 10, BLK 52, ULS	4210541602	31° 4' 4.214" N	101° 1' 6.19" W	2,523.00	25.00	2,548.00	

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,153.0	Authorized Depth TVD (ftKB)	API/UWI 4210541602
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Costs

WBS Number 01-03269.01;01-03269.02;01-03269.03;01-03269.04;01-03269.05	Planned Days (days) 46.00	Daily Cost (Cost) \$29,900	Cum To Date (Cost) \$1,926,293	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%)
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	13.73	\$0	\$1,204,191	\$1,590,000	\$385,809
COMPLETION	7.10	\$29,900	\$722,102	\$4,797,520	\$4,075,418

Daily Operations

Rig					
ENERGY SERVICE CO, 233					
Drilled Last 24 Hours (ft)	End Depth (ftKB)	End Depth (TVD) (ftKB)	DFS (days)	Report Number	Report End Date
0.00	14,076.0	6,265.0	28.21	22	2/19/2013

Last Casing String PRODUCTION, 14,076.0ftKB
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Status at 6 AM SHUT IN	24 Hour Forecast RIH W/ TCP GUNS.
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Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	09:00	3.00	TRAVEL	ACTIVE	TRAVEL TO LOCATION, HELD PJSM, SICP 0 PSI. SISCP 0 PSI.
09:00	12:00	3.00	RIGU	ACTIVE	MIRU ESCO RIG # 233, AND ESCO PUMP TRUCK, DELIVERD 455 JTS 2 7/8 TBG. RACK AND TALLY PIPE.
12:00	13:00	1.00	BOPS	ACTIVE	NU BOP AND FLOW LINE TO FRAC TANK.
13:00	17:00	4.00	TRIP	ACTIVE	RIH W/ COLLAR, 1 JT, X-NIPPLE AND 243 JTS 2 7/8 JTS TBG @ 7,790'.
17:00	06:00	13.00	SHUTDOWN	ACTIVE	SDFN.



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Partner Report

Report # 23 Date: 2/20/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541602	Latitude (°) 31° 4' 4.214" N	Longitude (°) 101° 1' 6.19" W	Ground Elev... 2,523.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,548.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,153.0	Authorized Depth TVD (ftKB)	API/UWI 4210541602
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Costs

WBS Number 01-03269.01;01-03269.02;01-03269.03;01-03269.04;01-03269.05	Planned Days (days) 46.00	Daily Cost (Cost) \$31,405	Cum To Date (Cost) \$1,957,698	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%)
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	13.73	\$0	\$1,204,191	\$1,590,000	\$385,809
COMPLETION	8.10	\$31,405	\$753,507	\$4,797,520	\$4,044,013

Daily Operations

Rig ENERGY SERVICE CO, 233					
Drilled Last 24 Hours (ft) 0.00	End Depth (ftKB) 14,076.0	End Depth (TVD) (ftKB) 6,265.0	DFS (days) 29.21	Report Number 23	Report End Date 2/20/2013
Last Casing String PRODUCTION, 14,076.0ftKB					
Status at 6 AM SHUT IN			24 Hour Forecast PERFORATE STG 1 W/ TCP.		

Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	07:00	1.00	TRAVEL	ACTIVE	TRAVEL TO LOCATION, HELD PJSM, SITP 0 PSI. SICP 0 PSI, SISCP 0 PSI.
07:00	11:00	4.00	TRIP	ACTIVE	CONTINUE IN HOLE, TAG PBTD @ 14,017' W/ 445 JTS.
11:00	13:00	2.00	CIRC	ACTIVE	CIRCULATE HOLE PUMPING 100 BBLs DOWN BACKSIDE OF TBG. PUMP 48 BBLs OF 7.5% ACID DOWN TBG AND FLUSH W/ 63 BBLs OF 2% KCL BIO WATER.
13:00	16:30	3.50	TRIP	ACTIVE	POH W/ 445 JTS TBG.
16:30	06:00	13.50	SHUTDOWN	ACTIVE	SDFN.



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Wellbore Name: OH

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Partner Report

Report # 24 Date: 2/21/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541602	Latitude (°) 31° 4' 4.214" N	Longitude (°) 101° 1' 6.19" W	Ground Elev... 2,523.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,548.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,153.0	Authorized Depth TVD (ftKB)	API/UWI 4210541602
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Costs

WBS Number 01-03269.01;01-03269.02;01-03269.03;01-03269.04;01-03269.05	Planned Days (days) 46.00	Daily Cost (Cost) \$32,450	Cum To Date (Cost) \$1,990,148	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%)
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	13.73	\$0	\$1,204,191	\$1,590,000	\$385,809
COMPLETION	9.10	\$32,450	\$785,957	\$4,797,520	\$4,011,563

Daily Operations

Rig					
ENERGY SERVICE CO, 233					
Drilled Last 24 Hours (ft)	End Depth (ftKB)	End Depth (TVD) (ftKB)	DFS (days)	Report Number	Report End Date
0.00	14,076.0	6,265.0	30.21	24	2/21/2013

Last Casing String

PRODUCTION, 14,076.0ftKB

Status at 6 AM

SHUT IN

24 Hour Forecast

RDMOL.

Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	07:00	1.00	TRAVEL	ACTIVE	TRAVEL TO LOCATION, SITP 0 PSI, SICP 0 PSI, SISCN 0 PSI.
07:00	10:30	3.50	TRIP	ACTIVE	RIH W/ 3 EA API 3-3/8" PERF GUNS AND 440 JTS 2 7/8 TBG.
10:30	11:30	1.00	PERF	ACTIVE	PERF THE STAGE 1 WITH 3 CLUSTERS W/ 6 SPF, 25 GRAM, 0.53" EHD CONNEX CHARGES & 60 DEG PHASED AS FOLLOWS 13,870-13,872' (12 HOLES), 13,810' - 13,812' (12 HOLES) & 13,750' - 13,752' (12 HOLES). GUNS FIRED @ 2,100 PSI. CONTINUED PUMPING TOTAL 75 BBLS TO FLUSH ACID. PUMPING @ 4.5 BPM @ 3,800 PSI.
11:30	16:30	5.00	TRIP	ACTIVE	POH LAYING DOWN 440 JTS AND 3 API PERF GUNS. ALL GUNS FIRED.
16:30	17:00	0.50	BOPS	ACTIVE	ND BOP. NU MUD CROSS. SWI.
17:00	06:00	13.00	SHUTDOWN	ACTIVE	SDFN.
FTR = 1,046.					



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Wellbore Name: OH

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Partner Report

Report # 25 Date: 2/22/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541602	Latitude (°) 31° 4' 4.214" N	Longitude (°) 101° 1' 6.19" W	Ground Elev... 2,523.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,548.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,153.0	Authorized Depth TVD (ftKB)	API/UWI 4210541602
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Costs

WBS Number 01-03269.01;01-03269.02;01-03269.03;01-03269.04;01-03269.05	Planned Days (days) 46.00	Daily Cost (Cost) \$16,050	Cum To Date (Cost) \$2,006,198	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%)
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	13.73	\$0	\$1,204,191	\$1,590,000	\$385,809
COMPLETION	10.10	\$16,050	\$802,007	\$4,797,520	\$3,995,513

Daily Operations

Rig					
ENERGY SERVICE CO, 233					
Drilled Last 24 Hours (ft)	End Depth (ftKB)	End Depth (TVD) (ftKB)	DFS (days)	Report Number	Report End Date
0.00	14,076.0	6,265.0	31.21	25	2/22/2013

Last Casing String PRODUCTION, 14,076.0ftKB
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Status at 6 AM SHUT IN	24 Hour Forecast WAIT ON FRAC.
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Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	07:00	1.00	TRAVEL	ACTIVE	TRAVEL TO LOCATION. HELD PJSM. SICP 0 PSI. SISCP 0 PSI.
07:00	09:00	2.00	RIGD	ACTIVE	RDMO ESCO RIG # 233 AND ESCO PUMPTRUCK. LOAD AND TRANSFER 450 JTS 2 7/8 8RD TBG TO SMITH OILFIELD YARD.
09:00	06:00	21.00	SHUTDOWN	ACTIVE	WAIT ON FRAC. FTR = 1,046.



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Wellbore Name: OH

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Partner Report

Report # 26 Date: 3/22/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541602	Latitude (°) 31° 4' 4.214" N	Longitude (°) 101° 1' 6.19" W	Ground Elev... 2,523.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,548.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,153.0	Authorized Depth TVD (ftKB)	API/UWI 4210541602
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Costs

WBS Number 01-03269.01;01-03269.02;01-03269.03;01-03269.04;01-03269.05	Planned Days (days) 46.00	Daily Cost (Cost) \$3,300	Cum To Date (Cost) \$2,009,498	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%)
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	13.73	\$0	\$1,204,191	\$1,590,000	\$385,809
COMPLETION	11.10	\$3,300	\$805,307	\$4,797,520	\$3,992,213

Daily Operations

Rig					
Drilled Last 24 Hours (ft) 0.00	End Depth (ftKB) 14,076.0	End Depth (TVD) (ftKB) 6,265.0	DFS (days) 59.21	Report Number 26	Report End Date 3/22/2013
Last Casing String PRODUCTION, 14,076.0ftKB					
Status at 6 AM SI.			24 Hour Forecast BEGIN FRAC OPS.		

Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	12:00	6.00	SHUTDOWN	ACTIVE	WAITING ON FRAC EQUIPMENT.
12:00	16:00	4.00	RIGU	ACTIVE	MIRU HES WHIT AND TRICAN FRAC.
16:00	06:00	14.00	SHUTDOWN	ACTIVE	SD WAITING TO BEGIN FRAC OPS.



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Partner Report

Report # 27 Date: 3/23/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541602	Latitude (°) 31° 4' 4.214" N	Longitude (°) 101° 1' 6.19" W	Ground Elev... 2,523.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,548.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,153.0	Authorized Depth TVD (ftKB)	API/UWI 4210541602
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Costs

WBS Number 01-03269.01;01-03269.02;01-03269.03;01-03269.04;01-03269.05	Planned Days (days) 46.00	Daily Cost (Cost) \$86,759	Cum To Date (Cost) \$2,096,257	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%)
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	13.73	\$0	\$1,204,191	\$1,590,000	\$385,809
COMPLETION	12.10	\$86,759	\$892,066	\$4,797,520	\$3,905,454

Daily Operations

Rig					
Drilled Last 24 Hours (ft) 0.00	End Depth (ftKB) 14,076.0	End Depth (TVD) (ftKB) 6,265.0	DFS (days) 60.21	Report Number 27	Report End Date 3/23/2013
Last Casing String PRODUCTION, 14,076.0ftKB					
Status at 6 AM FIXING LEAKS ON WELL HEAD			24 Hour Forecast CONT FRAC OPS.		

Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	14:30	8.50	SHUTDOWN	ACTIVE	WAITING ON EQUIPMENT.
14:30	16:00	1.50	RIGU	ACTIVE	RU IRON. TO DOWN JTS.
16:00	19:00	3.00	SAFETY	ACTIVE	PJSM, PRIME UP AND PSI TEST.
19:00	23:30	4.50	STIM	ACTIVE	RU TRICAN STIM CREW,CHEMICALS & BIGHORN WTR TRANSFER TO FRAC STG 1 PERFS @ 13,750'-13,933' (48 HOLES) W/ 2,000 GAL 7.5% HCL ACID,218,185 GAL OF SLICK WATER, 99,750 LBS PREMIUM 100 MESH & 127,750 LBS PREMIUM 40/70 SAND. STINGER WHIT, DOWN 5-1/2" 17# P110 GRADE CSG @ 80 BPM. SC OPEN. SICP 641 PSI.BRK 3,809. @15 BPM. ACID CLEARED PERFS AT 7,441.PSI @ 48 BPM. PUMPED JOB AS FOLLOWS: 4,471 BBL CLEAN FLUID, 1,854 LBS PREMIUM 100 MESH SAND & 0 LBS PREMIUM 40/70 SAND, MAX PRESSURE 8,314.0 PSI. AVG PRESSURE 6,454 PSI. AVG RATE 51 BPM. FSIP=5,900 PSI, FG=1.38 .
23:30	03:45	4.25	PERF	ACTIVE	RU API WIRELINE. RIH W/ 4 EACH 3 3/8", 25 GRAM, OWENS SDP3375-311NT3 CHARGED, .42 EHD, 60* PHASED PERFORATING GUNS AND HALLIBURTON 5 1/2" CFP TO PERFORATE THE WOLFCAMP INTERVALS AT 13,690' - 13,692', 13,630' - 13,632', 13,570' - 13,572' AND 13,510' - 13,512' W/ 6 SPF AND 48 HOLES. SET CFP AT 13,720' TESTED TO 5,000 PSI GOOD TEST. PUH TO PERFORATE INTERVALS, ALL GUNS FIRED. POOH W/ GUNS AND SETTING DEVICE. USED 743 BBLS TO PUMP PLUG DOWN. RD API WIRELINE.
03:45	06:00	2.25	STIM	ACTIVE	RU TRICAN STIM CREW,CHEMICALS & BIGHORN WTR TRANSFER TO FRAC STG 2 PERFS @ 13,510'-13,692' (48 HOLES) W/ 2,000 GAL 7.5% HCL ACID,218,185 GAL OF SLICK WATER, 99,750 LBS PREMIUM 100 MESH & 127,750 LBS PREMIUM 40/70 SAND. STINGER WHIT, DOWN 5-1/2" 17# P110 GRADE CSG @ 80 BPM NOTE TRICAN HAD LOTS OF LEAKS. HAD 2 HOURS LOOKING AND REPAIRING LEAKS. ALSO TOP FLANGE ON WH WAS LEAKING. HAVING CREW CHANGE AT REPORT.

**UNIVERSITY 52-10 7H**

Wellbore Name: OH

WEST UNRESTRICTED**CONFIDENTIAL****Partner Report****Report # 28 Date: 3/24/2013 06:00**

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541602	Latitude (°) 31° 4' 4.214" N	Longitude (°) 101° 1' 6.19" W	Ground Elev... 2,523.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,548.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,153.0	Authorized Depth TVD (ftKB)	API/UWI 4210541602
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Costs

WBS Number 01-03269.01;01-03269.02;01-03269.03;01-03269.04;01-03269.05	Planned Days (days) 46.00	Daily Cost (Cost) \$327,536	Cum To Date (Cost) \$2,432,469	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%)
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	13.73	\$0	\$1,204,191	\$1,590,000	\$385,809
COMPLETION	13.10	\$327,536	\$1,228,278	\$4,797,520	\$3,569,242

Daily Operations

Rig											
Drilled Last 24 Hours (ft)	0.00	End Depth (ftKB)	14,076.0	End Depth (TVD) (ftKB)	6,265.0	DFS (days)	61.21	Report Number	28	Report End Date	3/24/2013
Last Casing String											
PRODUCTION, 14,076.0ftKB											
Status at 6 AM						24 Hour Forecast					
CONT FRAC OPS.						CONT FRAC OPS.					

Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	07:30	1.50	STIM	ACTIVE	SC OPEN. SICP 1,852 PSI.BRK 4,480. @14 BPM. ACID CLEARED PERFS AT 7,282 PSI @ 57 BPM. PUMPED JOB AS FOLLOWS: 5,224 BBL CLEAN FLUID, 99,750 LBS PREMIUM 100 MESH SAND & 127,750 LBS PREMIUM 40/70 SAND, MAX PRESSURE 7,408 PSI. AVG PRESSURE 5,315 PSI. AVG RATE 80.8 BPM. ISIP= 2,555 PSI, FG= 84.
07:30	09:15	1.75	PERF	ACTIVE	RU API WIRELINE. RIH W/ 4 EACH 3 3/8", 25 GRAM, OWENS SDP3375-311NT3 CHARGED, .42 EHD, 60* PHASED PERFORATING GUNS AND HALLIBURTON 5 1/2" CFP TO PERFORATE THE WOLFCAMP INTERVALS AT 13,450' - 13,452', 13,390' - 13,392', 13,330' - 13,332' AND 13,270' - 13,272' W/ 6 SPF AND 48 HOLES. SET CFP AT 13,480' TESTED TO 5,000 PSI GOOD TEST. PUH TO PERFORATE INTERVALS, ALL GUNS FIRED. POOH W/ GUNS AND SETTING DEVICE. USED 448 BBLs TO PUMP PLUG DOWN. RD API WIRELINE.
09:15	10:30	1.25	SHUTDOWN	ACTIVE	WAITING ON THE UNIVERSITY 52-10 #8 FRAC TO COMPLETE.
10:30	13:15	2.75	STIM	ACTIVE	RU TRICAN STIM CREW,CHEMICALS & BIGHORN WTR TRANSFER TO FRAC STG 3 PERFS @ 13,270' - 13,452' (48 HOLES) W/ 3,000 GAL 7.5% HCL ACID, 218,185 GAL OF SLICK WATER, 99,750 LBS PREMIUM 100 MESH & 127,750 LBS PREMIUM 40/70 SAND. HES WHIT, DOWN 5-1/2" 17# P110 GRADE CSG @ 80 BPM.
13:15	15:00	1.75	PERF	ACTIVE	SC OPEN. SICP 1,854 PSI. BRK 3,570 @ 9.0 BPM. (ACID SPOTTED AHEAD DURING PUMP DOWN) ACID CLEARED PERFS AT 5,722 PSI @ 67 BPM. PUMPED JOB AS FOLLOWS: 5,447 BBL CLEAN FLUID, 99,750 LBS PREMIUM 100 MESH SAND & 127,750 LBS PREMIUM 40/70 SAND, MAX PRESSURE 6,284 PSI. AVG PRESSURE 4,637 PSI. AVG RATE 81.4 BPM. ISIP= 2,473 PSI, FG= .83
					RU API WIRELINE. RIH W/ 4 EACH 3 3/8", 25 GRAM, OWENS SDP3375-311NT3 CHARGED, .42 EHD, 60* PHASED PERFORATING GUNS AND HALLIBURTON 5 1/2" CFP TO PERFORATE THE WOLFCAMP INTERVALS AT 13,210' - 13,212', 13,150' - 13,152', 13,090' - 13,092' AND 13,030' - 13,032' W/ 6 SPF AND 48 HOLES. SET CFP AT 13,240' TESTED TO 5,000 PSI GOOD TEST. PUH TO PERFORATE INTERVALS, ALL GUNS FIRED. POOH W/ GUNS AND SETTING DEVICE. USED 421 BBLs TO PUMP PLUG DOWN. RD API WIRELINE.
15:00	17:30	2.50	SHUTDOWN	ACTIVE	WAITING ON THE UNIVERSITY 52-10 #8 FRAC TO COMPLETE.
17:30	19:30	2.00	STIM	ACTIVE	RU TRICAN STIM CREW,CHEMICALS & BIGHORN WTR TRANSFER TO FRAC STG 4 PERFS @ 13,030' - 13,212' (48 HOLES) W/ 3,000 GAL 7.5% HCL ACID, 218,185 GAL OF SLICK WATER, 99,750 LBS PREMIUM 100 MESH & 127,750 LBS PREMIUM 40/70 SAND. HES WHIT, DOWN 5-1/2" 17# P110 GRADE CSG @ 80 BPM.
					SC OPEN. SICP 1,810 PSI. BRK 3,530 @ 10 BPM. (ACID SPOTTED AHEAD DURING PUMP DOWN) ACID CLEARED PERFS AT 63 PSI @ 6,678 BPM. PUMPED JOB AS FOLLOWS: 5,179 BBL CLEAN FLUID, 99,750 LBS PREMIUM 100 MESH SAND & 127,750 LBS PREMIUM 40/70 SAND, MAX PRESSURE 4,569 PSI. AVG PRESSURE 4,523 PSI. AVG RATE 80 BPM. ISIP= 2,361 PSI, FG= .081

**UNIVERSITY 52-10 7H**

Wellbore Name: OH

WEST UNRESTRICTED**CONFIDENTIAL****Partner Report****Report # 28 Date: 3/24/2013 06:00**

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541602	Latitude (°) 31° 4' 4.214" N	Longitude (°) 101° 1' 6.19" W	Ground Elev... 2,523.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,548.00	Tubing Head Elevation (ft)

Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
19:30	21:15	1.75	PERF	ACTIVE	RU API WIRELINE. RIH W/ 4 EACH 3 3/8", 25 GRAM, OWENS SDP3375-311NT3 CHARGED, .42 EHD, 60* PHASED PERFORATING GUNS AND HALLIBURTON 5 1/2" CFP TO PERFORATE THE WOLFCAMP INTERVALS AT 12,970' - 12,972', 12,910' - 12,912', 12,850' - 12,852' AND 12,790' - 12,792' W/ 6 SPF AND 48 HOLES. SET CFP AT 13,000' TESTED TO 5,000 PSI GOOD TEST. PUH TO PERFORATE INTERVALS, ALL GUNS FIRED. POOH W/ GUNS AND SETTING DEVICE. USED 404 BBLS TO PUMP PLUG DOWN. RD API WIRELINE.
21:15	22:15	1.00	SHUTDOWN	ACTIVE	WAITING ON THE UNIVERSITY 52-10 #8 FRAC TO COMPLETE.
22:15	00:00	1.75	STIM	ACTIVE	RU TRICAN STIM CREW,CHEMICALS & BIGHORN WTR TRANSFER TO FRAC STG 5 PERFS @ 12,790'-12,972' (48 HOLES) W/ 3,000 GAL 7.5% HCL ACID, 218,185 GAL OF SLICK WATER, 99,750 LBS PREMIUM 100 MESH & 127,750 LBS PREMIUM 40/70 SAND. HES WHIT, DOWN 5-1/2" 17# P110 GRADE CSG @ 80 BPM. SC OPEN. SICP 1,923 PSI. BRK 4,158 @ 10 BPM. (ACID SPOTTED AHEAD DURING PUMP DOWN) ACID CLEARED PERFS AT 72 PSI @ 7,112 BPM. PUMPED JOB AS FOLLOWS: 5,121 BBL CLEAN FLUID, 99,750 LBS PREMIUM 100 MESH SAND & 127,750 LBS PREMIUM 40/70 SAND, MAX PRESSURE 7,472 PSI. AVG PRESSURE 5,255 PSI. AVG RATE 80 BPM. ISIP= 2,569 PSI, FG= .084
00:00	01:00	1.00	SHUTDOWN	ACTIVE	WAIT ON 8H TO PERFORATED.
01:00	03:00	2.00	PERF	ACTIVE	RU API WIRELINE. RIH W/ 4 EACH 3 3/8", 25 GRAM, OWENS SDP3375-311NT3 CHARGED, .42 EHD, 60* PHASED PERFORATING GUNS AND HALLIBURTON 5 1/2" CFP TO PERFORATE THE WOLFCAMP STG 6 INTERVALS AT 12,550'-12,552', 12,610'-12,612', 12,670',-12,672', 12,730'-12,732' W/ 6 SPF AND 48 HOLES. SET CFP AT 12,760' TESTED TO 5,000 PSI GOOD TEST. PUH TO PERFORATE INTERVALS, ALL GUNS FIRED. POOH W/ GUNS AND SETTING DEVICE. USED 436 BBLS TO PUMP PLUG DOWN. RD API WIRELINE.
03:00	06:00	3.00	STIM	ACTIVE	RU TRICAN STIM CREW,CHEMICALS & BIGHORN WTR TRANSFER TO FRAC STG 6 PERFS @ 12,550'-12,732' (48 HOLES) W/ 3,000 GAL 7.5% HCL ACID, 218,185 GAL OF SLICK WATER, 99,750 LBS PREMIUM 100 MESH & 127,750 LBS PREMIUM 40/70 SAND. HES WHIT, DOWN 5-1/2" 17# P110 GRADE CSG @ 80 BPM. SC OPEN. SICP 1,907 PSI. BRK 3,402 @ 10 BPM. (ACID SPOTTED AHEAD DURING PUMP DOWN) ACID CLEARED PERFS AT 68 PSI @ 6,923 BPM. PUMPED JOB AS FOLLOWS: 6,431 BBL CLEAN FLUID, 99,750 LBS PREMIUM 100 MESH SAND & 127,750 LBS PREMIUM 40/70 SAND, MAX PRESSURE 8,027 PSI. AVG PRESSURE 6,513 PSI. AVG RATE 79.8 BPM. ISIP= 2,518 PSI, FG= .83 NOTE TRICAN HAD TWO SD TWO TIMES ON STG 6 FOR CHEM PUMPS. THEY WOULD NOT PUMP THE FR. BIG HORN TRANSFER PARTED LINE AND NEED TWO SD AT SAME TIME TRICAN DID.



UNIVERSITY 52-10 7H

Wellbore Name: OH

WEST UNRESTRICTED

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Partner Report

Report # 29 Date: 3/25/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541602	Latitude (°) 31° 4' 4.214" N	Longitude (°) 101° 1' 6.19" W	Ground Elev... 2,523.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,548.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,153.0	Authorized Depth TVD (ftKB)	API/UWI 4210541602
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Costs

WBS Number 01-03269.01;01-03269.02;01-03269.03;01-03269.04;01-03269.05	Planned Days (days) 46.00	Daily Cost (Cost) \$381,622	Cum To Date (Cost) \$2,814,091	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%)
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	13.73	\$0	\$1,204,191	\$1,590,000	\$385,809
COMPLETION	14.10	\$381,622	\$1,609,900	\$4,797,520	\$3,187,620

Daily Operations

Rig											
Drilled Last 24 Hours (ft)	0.00	End Depth (ftKB)	14,076.0	End Depth (TVD) (ftKB)	6,265.0	DFS (days)	62.21	Report Number	29	Report End Date	3/25/2013
Last Casing String											
PRODUCTION, 14,076.0ftKB											
Status at 6 AM						24 Hour Forecast					
STG 13 WL.						CONT FRAC OPS.					

Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	06:15	0.25	STIM	ACTIVE	COMPLETING STG 6 FRAC.
06:15	08:15	2.00	PERF	ACTIVE	RU API WIRELINE. RIH W/ 4 EACH 3 3/8", 25 GRAM, OWENS SDP3375-311NT3 CHARGED, .42 EHD, 60* PHASED PERFORATING GUNS AND HALLIBURTON 5 1/2" CFP TO PERFORATE THE WOLFCAMP STG 7 INTERVALS AT 12,310'-12,312', 12,370'-12,372', 12,430'-12,432', 12,490'-12,492' W/ 6 SPF AND 48 HOLES. SET CFP AT 12,520' TESTED TO 5,000 PSI GOOD TEST. PUH TO PERFORATE INTERVALS, ALL GUNS FIRED. POOH W/ GUNS AND SETTING DEVICE. USED 403 BBLS TO PUMP PLUG DOWN. RD API WIRELINE.
08:15	09:45	1.50	STIM	ACTIVE	RU TRICAN STIM CREW,CHEMICALS & BIGHORN WTR TRANSFER TO FRAC STG 7 PERFS @ 12,310'-12,492' (48 HOLES) W/ 3,000 GAL 7.5% HCL ACID, 218,185 GAL OF SLICK WATER, 99,750 LBS PREMIUM 100 MESH & 127,750 LBS PREMIUM 40/70 SAND. HES WHIT, DOWN 5-1/2" 17# P110 GRADE CSG @ 80 BPM. SC OPEN. SICP 1911 PSI. BRK 7190 @ 30 BPM. (ACID SPOTTED AHEAD DURING PUMP DOWN) ACID CLEARED PERFS AT 6000 PSI @ 30 BPM. PUMPED JOB AS FOLLOWS: 5,534 BBL CLEAN FLUID, 99,750 LBS PREMIUM 100 MESH SAND & 127,750 LBS PREMIUM 40/70 SAND, MAX PRESSURE 5,422 PSI. AVG PRESSURE 5,270 PSI. AVG RATE 80.9 BPM. ISIP= 2,464 PSI, FG= .082
09:45	11:45	2.00	PERF	ACTIVE	RU API WIRELINE. RIH W/ 4 EACH 3 3/8", 25 GRAM, OWENS SDP3375-311NT3 CHARGED, .42 EHD, 60* PHASED PERFORATING GUNS AND HALLIBURTON 5 1/2" CFP TO PERFORATE THE WOLFCAMP STG 8 INTERVALS AT 12,070'-12,072', 12,130'-12,132', 12,190'-12,192', 12,250'-12,252' W/ 6 SPF AND 48 HOLES. SET CFP AT 12,280' TESTED TO 5,000 PSI GOOD TEST. PUH TO PERFORATE INTERVALS, ALL GUNS FIRED. POOH W/ GUNS AND SETTING DEVICE. USED 374 BBLS TO PUMP PLUG DOWN. RD API WIRELINE.
11:45	13:15	1.50	STIM	ACTIVE	RU TRICAN STIM CREW,CHEMICALS & BIGHORN WTR TRANSFER TO FRAC STG 8 PERFS @ 12,070'-12,252' (48 HOLES) W/ 3,000 GAL 7.5% HCL ACID, 231,756 GAL OF SLICK WATER, 99,640 LBS PREMIUM 100 MESH & 124,870 LBS PREMIUM 40/70 SAND. HES WHIT, DOWN 5-1/2" 17# P110 GRADE CSG @ 80 BPM. SC OPEN. SICP 1,928 PSI. BRK 5,574 @ 40 BPM. (ACID SPOTTED AHEAD DURING PUMP DOWN) ACID CLEARED PERFS AT 5,500 PSI @ 54 BPM. PUMPED JOB AS FOLLOWS: 5,518 BBL CLEAN FLUID, 99,640 LBS PREMIUM 100 MESH SAND & 124,870 LBS PREMIUM 40/70 SAND, MAX PRESSURE 6,052 PSI. AVG PRESSURE 4,780 PSI. AVG RATE 82.5 BPM. ISIP= 2,356 PSI, FG= .080
13:15	15:45	2.50	PERF	ACTIVE	RU API WIRELINE. RIH W/ 4 EACH 3 3/8", 25 GRAM, OWENS SDP3375-311NT3 CHARGED, .42 EHD, 60* PHASED PERFORATING GUNS AND HALLIBURTON 5 1/2" CFP TO PERFORATE THE WOLFCAMP STG 9 INTERVALS AT 11,830'-11,832', 11,890'-11,892', 11,950'-11,952', 12,010'-12,012' W/ 6 SPF AND 48 HOLES. SET CFP AT 12,040' TESTED TO 5,000 PSI GOOD TEST. PUH TO PERFORATE INTERVALS, ALL GUNS FIRED. POOH W/ GUNS AND SETTING DEVICE. USED 360 BBLS TO PUMP PLUG DOWN. RD API WIRELINE.



UNIVERSITY 52-10 7H

Wellbore Name: OH

WEST UNRESTRICTED

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Partner Report

Report # 29 Date: 3/25/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541602	Latitude (°) 31° 4' 4.214" N	Longitude (°) 101° 1' 6.19" W	Ground Elev... 2,523.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,548.00	Tubing Head Elevation (ft)

Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
15:45	18:00	2.25	STIM	ACTIVE	RU TRICAN STIM CREW,CHEMICALS & BIGHORN WTR TRANSFER TO FRAC STG 9 PERFS @ 11,830'-12,012' (48 HOLES) W/ 3,000 GAL 7.5% HCL ACID, 241,248 GAL OF SLICK WATER, 100,020 LBS PREMIUM 100 MESH & 129,050 LBS PREMIUM 40/70 SAND. HES WHIT, DOWN 5-1/2" 17# P110 GRADE CSG @ 80 BPM. SC OPEN. SICP 1,935 PSI. BRK 3,326 @ 36 BPM. (ACID SPOTTED AHEAD DURING PUMP DOWN) ACID CLEARED PERFS AT 6,100 PSI @ 58 BPM. PUMPED JOB AS FOLLOWS: 5,742 BBL CLEAN FLUID, 100,020 LBS PREMIUM 100 MESH SAND & 129,050 LBS PREMIUM 40/70 SAND, MAX PRESSURE 4,667 PSI. AVG PRESSURE 4,415 PSI. AVG RATE 81.6 BPM. ISIP= 2,400 PSI, FG= .082
18:00	20:00	2.00	PERF	ACTIVE	RU API WIRELINE. RIH W/ 4 EACH 3 3/8", 25 GRAM, OWENS SDP3375-311NT3 CHARGED, .42 EHD, 60° PHASED PERFORATING GUNS AND HALLIBURTON 5 1/2" CFP TO PERFORATE THE WOLFCAMP STG 10 INTERVALS AT 11,590'-11,592', 11,650'-11,652', 11,710'-11,712', 11,770'-11,772'. W/ 6 SPF AND 48 HOLES. SET CFP AT 11,800' TESTED TO 5,000 PSI GOOD TEST. PUH TO PERFORATE INTERVALS, ALL GUNS FIRED. POOH W/ GUNS AND SETTING DEVICE. USED 374 BBLS TO PUMP PLUG DOWN. RD API WIRELINE.
20:00	23:00	3.00	STIM	ACTIVE	RU TRICAN STIM CREW,CHEMICALS & BIGHORN WTR TRANSFER TO FRAC STG 10 PERFS @ 11,590'-11,772' (48 HOLES) W/ 3,000 GAL 7.5% HCL ACID, 241,248 GAL OF SLICK WATER, 100,020 LBS PREMIUM 100 MESH & 129,050 LBS PREMIUM 40/70 SAND. HES WHIT, DOWN 5-1/2" 17# P110 GRADE CSG @ 80 BPM. SC OPEN. SICP 1,860 PSI. BRK 3,457 @ 10 BPM. (ACID SPOTTED AHEAD DURING PUMP DOWN) ACID CLEARED PERFS AT 7,110 PSI @ 56 BPM. PUMPED JOB AS FOLLOWS: 5,587 BBL CLEAN FLUID, 99,750 LBS PREMIUM 100 MESH SAND & 125,760 LBS PREMIUM 40/70 SAND, MAX PRESSURE 7,959 PSI. AVG PRESSURE 4,984 PSI. AVG RATE 80 BPM. ISIP= 2,481 PSI, FG= .083
23:00	00:30	1.50	PERF	ACTIVE	RU API WIRELINE. RIH W/ 4 EACH 3 3/8", 25 GRAM, OWENS SDP3375-311NT3 CHARGED, .42 EHD, 60° PHASED PERFORATING GUNS AND HALLIBURTON 5 1/2" CBFP TO PERFORATE THE WOLFCAMP STG 11 INTERVALS AT 11,350'-11,352', 11,410', 11,412', 11,470', 11,472', 11,530'-11,532' W/ 6 SPF AND 48 HOLES. SET CFP AT 11,560' TESTED TO 5,000 PSI GOOD TEST. PUH TO PERFORATE INTERVALS, ALL GUNS FIRED. POOH W/ GUNS AND SETTING DEVICE. USED 328 BBLS TO PUMP PLUG DOWN. RD API WIRELINE.
00:30	02:15	1.75	STIM	ACTIVE	RU TRICAN STIM CREW,CHEMICALS & BIGHORN WTR TRANSFER TO FRAC STG 11 PERFS @ 11,350'-11,532' (48 HOLES) W/ 3,000 GAL 7.5% HCL ACID, 241,248 GAL OF SLICK WATER, 100,020 LBS PREMIUM 100 MESH & 129,050 LBS PREMIUM 40/70 SAND. HES WHIT, DOWN 5-1/2" 17# P110 GRADE CSG @ 80 BPM. SC OPEN. SICP 1,946 PSI. BRK 3,133 @ 10 BPM. (ACID SPOTTED AHEAD DURING PUMP DOWN) ACID CLEARED PERFS AT 6,248 PSI @ 80 BPM. PUMPED JOB AS FOLLOWS: 5,258 BBL CLEAN FLUID, 99,750 LBS PREMIUM 100 MESH SAND & 127,750 LBS PREMIUM 40/70 SAND, MAX PRESSURE 5,469.0 PSI. AVG PRESSURE 4,466 PSI. AVG RATE 81 BPM. ISIP= 2,446 PSI, FG= .082
02:15	03:45	1.50	PERF	ACTIVE	RU API WIRELINE. RIH W/ 4 EACH 3 3/8", 25 GRAM, OWENS SDP3375-311NT3 CHARGED, .42 EHD, 60° PHASED PERFORATING GUNS AND HALLIBURTON 5 1/2" CBFP TO PERFORATE THE WOLFCAMP STG 12 INTERVALS AT 11,110'-11,112', 11,170'-11,172', 11,230'-11,234', 11,290'-11,292'. W/ 6 SPF AND 48 HOLES. SET CFP AT 11,320' TESTED TO 5,000 PSI GOOD TEST. PUH TO PERFORATE INTERVALS, ALL GUNS FIRED. POOH W/ GUNS AND SETTING DEVICE. USED 312 BBLS TO PUMP PLUG DOWN. RD API WIRELINE.
03:45	05:45	2.00	STIM	ACTIVE	RU TRICAN STIM CREW,CHEMICALS & BIGHORN WTR TRANSFER TO FRAC STG 12 PERFS @ 11,110'-11,292' (48 HOLES) W/ 3,000 GAL 7.5% HCL ACID, 241,248 GAL OF SLICK WATER, 100,020 LBS PREMIUM 100 MESH & 129,050 LBS PREMIUM 40/70 SAND. HES WHIT, DOWN 5-1/2" 17# P110 GRADE CSG @ 80 BPM. SC OPEN. SICP 1,953 PSI. BRK 3,697 @ 10 BPM. (ACID SPOTTED AHEAD DURING PUMP DOWN) ACID CLEARED PERFS AT 6,108 PSI @ 61 BPM. PUMPED JOB AS FOLLOWS: 5,454 BBL CLEAN FLUID, 99,750 LBS PREMIUM 100 MESH SAND & 127,750 LBS PREMIUM 40/70 SAND, MAX PRESSURE 5,028 PSI. AVG PRESSURE 4,708 PSI. AVG RATE 81 BPM. ISIP= 2,453 PSI, FG= .082
05:45	06:00	0.25	PERF	ACTIVE	RU WL FOR STG 13 PUMP DOWN AT REPORT TIME.



UNIVERSITY 52-10 7H

Wellbore Name: OH

WEST UNRESTRICTED

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Partner Report

Report # 30 Date: 3/26/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541602	Latitude (°) 31° 4' 4.214" N	Longitude (°) 101° 1' 6.19" W	Ground Elev... 2,523.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,548.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,153.0	Authorized Depth TVD (ftKB)	API/UWI 4210541602
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Costs

WBS Number 01-03269.01;01-03269.02;01-03269.03;01-03269.04;01-03269.05	Planned Days (days) 46.00	Daily Cost (Cost) \$378,622	Cum To Date (Cost) \$3,192,713	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%)
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	13.73	\$0	\$1,204,191	\$1,590,000	\$385,809
COMPLETION	15.10	\$378,622	\$1,988,522	\$4,797,520	\$2,808,998

Daily Operations

Rig											
Drilled Last 24 Hours (ft)	0.00	End Depth (ftKB)	14,076.0	End Depth (TVD) (ftKB)	6,265.0	DFS (days)	63.21	Report Number	30	Report End Date	3/26/2013
Last Casing String											
PRODUCTION, 14,076.0ftKB											
Status at 6 AM						24 Hour Forecast					
CONT FRAC						FRAC STAGES 15.16 AND 17					

Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	08:00	2.00	PERF	ACTIVE	RU API WIRELINE. RIH W/ 4 EACH 3 3/8", 25 GRAM, OWENS SDP3375-311NT3 CHARGED, .42 EHD, 60* PHASED PERFORATING GUNS AND HALLIBURTON 5 1/2" CBFP TO PERFORATE THE WOLFCAMP STG 13 INTERVALS AT 10,870'-10,872', 10,930'-10,932', 10,990'-10,992', 11,050'-11,052'. W/ 6 SPF AND 48 HOLES. SET CFP AT 11,080' TESTED TO 5,000 PSI GOOD TEST. PUH TO PERFORATE INTERVALS, ALL GUNS FIRED. POOH W/ GUNS AND SETTING DEVICE. USED 312 BBLS TO PUMP PLUG DOWN. RD API WIRELINE
08:00	17:00	9.00	RIGD	ACTIVE	RD PERFORMANCE MANIFOLD AND MOVE OUT ALSO RD FROM WELL #8 DUE TO CASING FAILURE.
17:00	20:00	3.00	RIGU	ACTIVE	RU TO WELL #7 ONLY FOR STIMULATION.
20:00	20:30	0.50	STIM	ACTIVE	BIGHORN WTR TRANSFER TO FRAC STG 13 PERFS @ 10,870'-11,052' (48 HOLES) W/ 3,000 GAL 7.5% HCL ACID, 241,248 GAL OF SLICK WATER, 100,020 LBS PREMIUM 100 MESH & 129,050 LBS PREMIUM 40/70 SAND. HES WHIT, DOWN 5-1/2" 17# P110 GRADE CSG @ 80 BPM. SC OPEN. SICP 1,658 PSI. BRK 7,140 PSI @ 62 BPM. (ACID SPOTTED AHEAD DURING PUMP DOWN) ACID CLEARED PERFS AT 4,547 PSI @ 18 BPM. PUMPED JOB AS FOLLOWS: PUMPED 1387 BBLS FLUID AND 17,673 LBS OF 100 MESH, WELL STARTED TO SAND OFF AND FLUSHED WITH 305 BBLS OF FLUID. ISIP: 3,562 PSI FG: 1.0 NOTE: SHUTDOWN DUE TO HIGH PRESSURE, DID NOT PUMP DESIGN BECAUSE OF HIGH PRESSURE.
20:30	04:00	7.50	PERF	ACTIVE	RU API WIRELINE. RIH W/ 4 EACH 3 3/8", 25 GRAM, OWENS SDP3375-311NT3 CHARGED, .42 EHD, 60* PHASED PERFORATING GUNS AND HALLIBURTON 5 1/2" CBFP TO PERFORATE THE WOLFCAMP STG 14 INTERVALS AT 10,630'-10,632', 10,690'-10,692', 10,750'-10,752', 10,810'-10,812'. W/ 6 SPF AND 48 HOLES. SET CFP AT 10,840' TESTED TO 5,000 PSI GOOD TEST. PUH TO PERFORATE INTERVALS, ALL GUNS FIRED. POOH W/ GUNS AND SETTING DEVICE. USED 327 BBLS TO PUMP PLUG DOWN. RD API WIRELINE NOTE: COULD NOT GET PLUG PAST 7,117' PULL PLUG AND GUNS OUT OF HOLE AND FLOWED BACK FOR 30 MIN. PUMPED A TOTAL OF 910 BBLS @ 22BBLS/PMIN @ 8,412 PSI TO 65 BBLS/PMIN @ 6,900 PSI. @ 01:32--RUN PLUG AND GUNS BACK IN HOLE. SET PLUG--, PSI UP TO 5000 PSI, PLUG DID NOT HOLED.-- WENT AHEAD AND PERFORATED AND CAME OUT OF HOLE!!



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Wellbore Name: OH

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Partner Report

Report # 30 Date: 3/26/2013 06:00

District	County	Field Name	Project Group	State/Province			
PERMIAN BASIN	CROCKETT	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)
S 10, BLK 52, ULS	4210541602	31° 4' 4.214" N	101° 1' 6.19" W	2,523.00	25.00	2,548.00	

Time Log						
Start Time	End Time	Dur (hr)	Operation	Ops Status	Description	
04:00	05:15	1.25	STIM	ACTIVE	RU TRICAN STIM CREW,CHEMICALS & BIGHORN WTR TRANSFER TO FRAC STG 14 PERFS @ 10,630'-10,812' (48 HOLES) W/ 3,000 GAL 7.5% HCL ACID, 218,185 GAL OF SLICK WATER, 99,750 LBS PREMIUM 100 MESH & 127,750 LBS PREMIUM 40/70 SAND. HES WHIT, DOWN 5-1/2" 17# P110 GRADE CSG @ 80 BPM. SC OPEN. SICP 1,855 PSI. BRK 5,480 @ 25 BPM. (ACID SPOTTED AHEAD DURING PUMP DOWN) ACID CLEARED PERFS AT 21 PSI @ 4,802 BPM. PUMPED JOB AS FOLLOWS: 4,787 BBL CLEAN FLUID, 96,667 LBS PREMIUM 100 MESH SAND & 85,900 LBS PREMIUM 40/70 SAND, MAX PRESSURE 5,781.0 PSI. AVG PRESSURE 4,836.8PSI. AVG RATE 80.4 BPM. ISIP= 2,306 PSI, FG= .80 NOTE: CUT JOB SHORT DUE TO HIGH PRESSURE.	



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Partner Report

Report # 31 Date: 3/27/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541602	Latitude (°) 31° 4' 4.214" N	Longitude (°) 101° 1' 6.19" W	Ground Elev... 2,523.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,548.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,153.0	Authorized Depth TVD (ftKB)	API/UWI 4210541602
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Costs

WBS Number 01-03269.01;01-03269.02;01-03269.03;01-03269.04;01-03269.05	Planned Days (days) 46.00	Daily Cost (Cost) \$405,812	Cum To Date (Cost) \$3,598,525	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%)
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	13.73	\$0	\$1,204,191	\$1,590,000	\$385,809
COMPLETION	16.10	\$405,812	\$2,394,334	\$4,797,520	\$2,403,186

Daily Operations

Rig					
Drilled Last 24 Hours (ft)	End Depth (ftKB)	End Depth (TVD) (ftKB)	DFS (days)	Report Number	Report End Date
0.00	14,076.0	6,265.0	64.21	31	3/27/2013

Last Casing String
PRODUCTION, 14,076.0ftKB

Status at 6 AM POOH WITH WIRELINE STAGE #15	24 Hour Forecast WELL # 7 IS SHUT IN, WILL WORK ON WELL # 8 FIRST THEN MOVE BACK TO WELL # 7. NOTE: WELL # 7 & # 8 ARE PAD WELLS.
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Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	09:00	3.00	PERF	ACTIVE	RU API WIRELINE. RIH W/ 4 EACH 3 3/8", 25 GRAM, OWENS SDP3375-311NT3 CHARGED, .42 EHD, 60* PHASED PERFORATING GUNS AND HALLIBURTON 5 1/2" CBFP TO PERFORATE THE WOLFCAMP STG 15 INTERVALS AT 10,390'-10,392', 10,450'-10,452', 10,510'-10,512', 10,570'-10,572'. W/ 6 SPF AND 48 HOLES. SET CFP AT 10,600' PLUG WAS NOT TESTED. (NEW MAN IN WIRELINE AND DID NOT KNOW TO TEST.) PUH TO PERFORATE INTERVALS, ALL GUNS FIRED. POOH TO DEPTH OF 156', HALIBURTON THOUGHT WIRELINE TOLD HIM TO SHUT THEIR VALVE, (MISCOMMUNICATION). HALIBURTON SHUT VALVE AND CUT THE LINE. WE HAVE 100' WIRLINE IN HOLE AND 29' OF TOOLS. SD AND CALLED FOR ORDERS. WAS TOLD TO RD FRAC COMPANY AND MOVE TO 52-10 #9.
09:00	18:00	9.00	RIGD	ACTIVE	RD TRICAN FRAC, RD API WIRELINE, RD HALIBURTON OFF WELL #7 & #8.
18:00	19:00	1.00	SHUTDOWN	ACTIVE	SECURE WELL FOR NIGHT.



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Wellbore Name: OH

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Partner Report

Report # 32 Date: 3/29/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)		Project Group PB TEXAS EAST		State/Province TX	
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541602	Latitude (°) 31° 4' 4.214" N	Longitude (°) 101° 1' 6.19" W	Ground Elev... 2,523.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,548.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,153.0	Authorized Depth TVD (ftKB)	API/UWI 4210541602
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Costs

WBS Number 01-03269.01;01-03269.02;01-03269.03;01-03269.04;01-03269.05	Planned Days (days) 46.00	Daily Cost (Cost) \$447,312	Cum To Date (Cost) \$4,045,837	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%)
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	13.73	\$0	\$1,204,191	\$1,590,000	\$385,809
COMPLETION	17.10	\$447,312	\$2,841,646	\$4,797,520	\$1,955,874

Daily Operations

Rig					
Drilled Last 24 Hours (ft) 0.00	End Depth (ftKB) 14,076.0	End Depth (TVD) (ftKB) 6,265.0	DFS (days) 66.21	Report Number 32	Report End Date 3/29/2013
Last Casing String PRODUCTION, 14,076.0ftKB					
Status at 6 AM RIH TO TOF			24 Hour Forecast CONTINUE FISHING		

Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	06:30	0.50	SAFETY	ACTIVE	HELD PRE JOB SAFETY MEETING WITH CREW.
06:30	13:00	6.50	RIGU	ACTIVE	MIRU IPS 2-3/8" CTU. PU OLD SCHOOL TOOLS WL SPEAR, 4.75" NO GO, DRAIN SUB, 2-7/8" MOTOR, 2-7/8" DISCONNECT, 2-7/8" JARS, 2-7/8" CHECKVALVE, AND CC. ON IPS 2-3/8" CTU. TO FISH OUT WL AND GUN STRING.
13:00	17:00	4.00	SHUTDOWN	ACTIVE	WAIT ON FLANGE TO BE BROUGHT OUT TO LOCATION . WL BOP HAS 5-1/8" 15K AND CTU HAS 5 1/8" 10K.
17:00	19:00	2.00	RIGU	ACTIVE	NU FLANGE ON WELL HEAD. PRESSURE TEST STACK. GOOD TEST.
19:00	23:00	4.00	TRIP	ACTIVE	OPEN WELL RIH WITH OLD SCHOOL TOOLS WL SPEAR, 4.75" NO GO, DRAIN SUB, 2-7/8" MOTOR, 2-7/8" DISCONNECT, 2-7/8" JARS, 2-7/8" CHECKVALVE, AND CC. ON IPS 2-3/8" CTU. TO FISH OUT WL AND GUN STRING. TAGGED UP AT 10,552' MOTOR SHOWED SOME TORQED UP AND THEN KEPT RIH TO PBD. WORKED TOOLS UP AND SEVERAL TIMES.
23:00	04:00	5.00	TRIP	ACTIVE	POOH WITH CT AND TOOLS. OOH SPEAR HAD ABOUT 100' OF WIRE LINE ON IT. LD WL.
04:00	06:00	2.00	TRIP	ACTIVE	OPEN WELL RIH WITH OLD SCHOOL TOOLS WL SPEAR, 4.75" NO GO, DRAIN SUB, 2-7/8" MOTOR, 2-7/8" DISCONNECT, 2-7/8" JARS, 2-7/8" CHECKVALVE, AND CC. ON IPS 2-3/8" CTU. TO FISH OUT REST OF WL AND GUN STRING



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Partner Report

Report # 33 Date: 3/30/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541602	Latitude (°) 31° 4' 4.214" N	Longitude (°) 101° 1' 6.19" W	Ground Elev... 2,523.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,548.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,153.0	Authorized Depth TVD (ftKB)	API/UWI 4210541602
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Costs

WBS Number 01-03269.01;01-03269.02;01-03269.03;01-03269.04;01-03269.05	Planned Days (days) 46.00	Daily Cost (Cost) \$138,620	Cum To Date (Cost) \$4,184,457	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%)
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	13.73	\$0	\$1,204,191	\$1,590,000	\$385,809
COMPLETION	18.10	\$138,620	\$2,980,266	\$4,797,520	\$1,817,254

Daily Operations

Rig					
Drilled Last 24 Hours (ft) 0.00	End Depth (ftKB) 14,076.0	End Depth (TVD) (ftKB) 6,265.0	DFS (days) 67.21	Report Number 33	Report End Date 3/30/2013
Last Casing String PRODUCTION, 14,076.0ftKB					
Status at 6 AM			24 Hour Forecast		

Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	09:30	3.50	TRIP	ACTIVE	POOH WITH CT AND TOOLS. OOH AND HAD NO FISH.
09:30	12:30	3.00	TRIP	ACTIVE	CNANGE OUT TOOL STRING LD WL SPEAR AND PU OS. PU AND RIH WITH IPS 2-3/8" CTU, OLD SCHOOL TOOL CO CC,BACK PSI VALVE 2-7/8" JARS, DISCONNECT SUB, AV SUB, X-OVER, 4-3/8" OS DRESSED WITH A 3-1/8" SPRIAL GRAPPLE. TO FISH GUNS STRING. TAGGED UP AT 10,524' WORKED TOOLS OVER TOF SEVERAL TIMES SETTING 15-20K DOWN ON TOF 6 TIMES. TOOK A 600 PSI INCREASE.
12:30	16:00	3.50	TRIP	ACTIVE	POOH WITH CT AND TOOLS. OOH WITH ALL CT, FISHING TOOLS AND GUN STRING. LD GUNS AND FISHING TOOLS.
16:00	21:00	5.00	RIGD	ACTIVE	RDMO IPS CTU AND OLD SCHOOL TOOL CO. SECURE WELL AND SDFWE.
21:00	06:00	9.00	SHUTDOWN	ACTIVE	SD FOR WEEKEND.



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Partner Report

Report # 34 Date: 4/6/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541602	Latitude (°) 31° 4' 4.214" N	Longitude (°) 101° 1' 6.19" W	Ground Elev... 2,523.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,548.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,153.0	Authorized Depth TVD (ftKB)	API/UWI 4210541602
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Costs

WBS Number 01-03269.01;01-03269.02;01-03269.03;01-03269.04;01-03269.05	Planned Days (days) 46.00	Daily Cost (Cost) \$455,912	Cum To Date (Cost) \$4,640,369	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%)
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	13.73	\$0	\$1,204,191	\$1,590,000	\$385,809
COMPLETION	19.10	\$455,912	\$3,436,178	\$4,797,520	\$1,361,342

Daily Operations

Rig					
Drilled Last 24 Hours (ft)	End Depth (ftKB)	End Depth (TVD) (ftKB)	DFS (days)	Report Number	Report End Date
0.00	14,076.0	6,265.0	74.21	34	4/6/2013

Last Casing String PRODUCTION, 14,076.0ftKB
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Status at 6 AM RU FREC CREW	24 Hour Forecast RESTART FRAC PROCESS WITH STAGE 15 AND CONT. WITH STAGE 16
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Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	00:30	18.50	RIGU	ACTIVE	RU TRICAN FRAC CREW AND API PERFORATERS AND ALL OTHER VENDORS TO RESTART FRAC PROCESS
00:30	02:00	1.50	STIM	ACTIVE	RU TRICAN STIM CREW,CHEMICALS & BIGHORN WTR TRANSFER TO FRAC STG 15 PERFS @ 10,390'-10,572' (48 HOLES) W/ 3,000 GAL 7.5% HCL ACID, 218,185 GAL OF SLICK WATER, 99,750 LBS PREMIUM 100 MESH & 127,750 LBS PREMIUM 40/70 SAND. HES WHIT, DOWN 5-1/2" 17# P110 GRADE CSG @ 80 BPM. SC OPEN. SICP 848.0 PSI. BRK 4,042 @ 15 BPM. (ACID SPOTTED AHEAD DURING PUMP DOWN) ACID CLEARED PERFS AT 3,904 PSI @ 80 BPM. PUMPED JOB AS FOLLOWS: 4,626 BBL CLEAN FLUID, 98,820 LBS PREMIUM 100 MESH SAND & 143,960 LBS PREMIUM 40/70 SAND, MAX PRESSURE 4,376.0 PSI. AVG PRESSURE 3,905.2.8PSI. AVG RATE 79.8 BPM. ISIP= 2,388 PSI, FG= .81 NOTE:JOB WENT AS DESIGNED!.
02:00	06:00	4.00	PERF	ACTIVE	RU API WIRELINE. RIH W/ 4 EACH 3 3/8", 25 GRAM, OWENS SDP3375-311NT3 CHARGED, .42 EHD, 60* PHASED PERFORATING GUNS AND HALLIBURTON 5 1/2" CBFP TO PERFORATE THE WOLFCAMP STG 16 INTERVALS AT 10,150'-10,152', 10,210'-10,212', 10,270'-10,272', 10,330'-10,332'. W/ 6 SPF AND 48 HOLES. SET CFP AT 10,360' PLUG TEST PLUG TO 5000 PSI! PD FLUID: 250 BBLs PUH TO PERFORATE INTERVALS, NOTE: API WL HAD SHOT PERFS AND STARTED OUT OF THE HOLE WITH GUNS. AT 04:30 WITH 3000' OF CABLE AND SHOT GUNS IN THE HOLE THE WL CABLE BEGIN TO UNRAVEL. WL OP. SHUT DOWN AND RECOMMEND THAT THE WL BOP BE CLOSED AND PULL LUBRICATOR AND CUT CABLE AND RETIE AND COME OUT OF HOLE WITH THE REMAINING 3000' OF CABLE AND TOOLS!



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Partner Report

Report # 35 Date: 4/7/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541602	Latitude (°) 31° 4' 4.214" N	Longitude (°) 101° 1' 6.19" W	Ground Elev... 2,523.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,548.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,153.0	Authorized Depth TVD (ftKB)	API/UWI 4210541602
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Costs

WBS Number 01-03269.01;01-03269.02;01-03269.03;01-03269.04;01-03269.05	Planned Days (days) 46.00	Daily Cost (Cost) \$457,912	Cum To Date (Cost) \$5,098,281	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%)
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	13.73	\$0	\$1,204,191	\$1,590,000	\$385,809
COMPLETION	20.10	\$457,912	\$3,894,090	\$4,797,520	\$903,430

Daily Operations

Rig					
Drilled Last 24 Hours (ft)	End Depth (ftKB)	End Depth (TVD) (ftKB)	DFS (days)	Report Number	Report End Date
0.00	14,076.0	6,265.0	75.21	35	4/7/2013

Last Casing String
PRODUCTION, 14,076.0ftKB

Status at 6 AM RU TO REMOVE WL AND TOOLS FROM HOLE	24 Hour Forecast REMOVED WL AND TOOLS FROM HOLE AND FRAC STAGE 16
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Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	00:00	18.00	WIRELINE	ACTIVE	RU TO RETRIVE 3000' OF WL AND SPENT GUNS DUE TO WL CABLE UNRIVELLING.
00:00	02:30	2.50	STIM	ACTIVE	RU TRICAN STIM CREW,CHEMICALS & BIGHORN WTR TRANSFER TO FRAC STG 16 PERFS @ 10,150'-10,332' (48 HOLES) W/ 3,000 GAL 7.5% HCL ACID, 218,185 GAL OF SLICK WATER, 99,750 LBS PREMIUM 100 MESH & 127,750 LBS PREMIUM 40/70 SAND. HES WHIT, DOWN 5-1/2" 17# P110 GRADE CSG @ 80 BPM. SC OPEN. SICP 837.0 PSI. BRK 5,000 @ 30 BPM. (ACID SPOTTED AHEAD DURING PUMP DOWN) ACID CLEARED PERFS AT 3,985 PSI @ 80 BPM. PUMPED JOB AS FOLLOWS: 5,088 BBL CLEAN FLUID, 97,800 LBS PREMIUM 100 MESH SAND & 131,060 LBS PREMIUM 40/70 SAND, MAX PRESSURE 4,883.0 PSI. AVG PRESSURE 3,693.9.8PSI. AVG RATE 80.8 BPM. ISIP= 2,353 PSI, FG= .81 NOTE:JOB WENT AS DESIGNED!.
02:30	06:00	3.50	PERF	ACTIVE	RU API WIRELINE. RIH W/ 4 EACH 3 3/8", 25 GRAM, OWENS SDP3375-311NT3 CHARGED, .42 EHD, 60* PHASED PERFORATING GUNS AND HALLIBURTON 5 1/2" CBFP TO PERFORATE THE WOLFCAMP STG 17 INTERVALS AT 9,910'-9,912', 9,970'-9,972', 10,030'-10,032', 10,090'-10,092'. W/ 6 SPF AND 48 HOLES. SET CFP AT 10,120' PLUG TEST PLUG TO 5000 PSI! PD FLUID: 272 BBLs PUH TO PERFORATE INTERVALS, NOTE: BROKE DOWN FIRST SET OF PERFS WITH 8 BBLs @ 3 BPM.@4100 PSI



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Partner Report

Report # 37 Date: 4/8/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541602	Latitude (°) 31° 4' 4.214" N	Longitude (°) 101° 1' 6.19" W	Ground Elev... 2,523.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,548.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,153.0	Authorized Depth TVD (ftKB)	API/UWI 4210541602
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Costs

WBS Number 01-03269.01;01-03269.02;01-03269.03;01-03269.04;01-03269.05	Planned Days (days) 46.00	Daily Cost (Cost) \$459,912	Cum To Date (Cost) \$5,980,105	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%)
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	13.73	\$0	\$1,204,191	\$1,590,000	\$385,809
COMPLETION	22.10	\$459,912	\$4,775,914	\$4,797,520	\$21,606

Daily Operations

Rig											
Drilled Last 24 Hours (ft)	0.00	End Depth (ftKB)	14,076.0	End Depth (TVD) (ftKB)	6,265.0	DFS (days)	76.21	Report Number	37	Report End Date	4/8/2013
Last Casing String											
PRODUCTION, 14,076.0ftKB											
Status at 6 AM						24 Hour Forecast					
FRAC STAGE 17						WOO					

Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	06:30	0.50	SAFETY	ACTIVE	DISCUSSED FRAC JOB FAILURES
06:30	08:00	1.50	STIM	ACTIVE	RU TRICAN STIM CREW,CHEMICALS & BIGHORN WTR TRANSFER TO FRAC STG 17 PERFS @ 9,9100'-10,092' (48 HOLES) W/ 3,000 GAL 7.5% HCL ACID, 218,185 GAL OF SLICK WATER, 99,750 LBS PREMIUM 100 MESH & 127,750 LBS PREMIUM 40/70 SAND. HES WHIT, DOWN 5-1/2" 17# P110 GRADE CSG @ 80 BPM. SC OPEN. SICP 1,700 PSI. BRK 5,300 @ 10 BPM. (ACID SPOTTED AHEAD DURING PUMP DOWN) ACID CLEARED PERFS AT 7,250 PSI @ 48 BPM. PUMPED JOB AS FOLLOWS: 5,177 BBL CLEAN FLUID, 99,987 LBS PREMIUM 100 MESH SAND & 134,154 LBS PREMIUM 40/70 SAND, MAX PRESSURE 6,353 PSI. AVG PRESSURE 3,895.8PSI. AVG RATE 80.1 BPM. ISIP= 2,424 PSI, FG= .82
08:00	10:30	2.50	PERF	ACTIVE	RU API WIRELINE. RIH W/ 4 EACH 3 3/8", 25 GRAM, OWENS SDP3375-311NT3 CHARGED, .42 EHD, 60* PHASED PERFORATING GUNS AND HALLIBURTON 5 1/2" CBFP TO PERFORATE THE WOLFCAMP STG 18 INTERVALS AT 9,670'-9,672', 9,730'-9,732', 9,790'-9,792', 9,850'-9,852'. W/ 6 SPF AND 48 HOLES. SET CFP AT 9,880' PLUG TEST PLUG TO 5000 PSI! PD FLUID: 253 BBLs PUH TO PERFORATE INTERVALS, NOTE: PLUG WOULD NOT HOLD AT 5,000 PSI, WENT AHEAD AND PERFORATED REST OF ZONES.
10:30	12:00	1.50	STIM	ACTIVE	RU TRICAN STIM CREW,CHEMICALS & BIGHORN WTR TRANSFER TO FRAC STG 18 PERFS @ 9,670'-9,852' (48 HOLES) W/ 3,000 GAL 7.5% HCL ACID, 218,185 GAL OF SLICK WATER, 99,750 LBS PREMIUM 100 MESH & 127,750 LBS PREMIUM 40/70 SAND. HES WHIT, DOWN 5-1/2" 17# P110 GRADE CSG @ 80 BPM. SC OPEN. SICP 1,810 PSI. BRK 4,790 @ 26 BPM. (ACID SPOTTED AHEAD DURING PUMP DOWN) ACID CLEARED PERFS AT 5,900 PSI @ 76 BPM. PUMPED JOB AS FOLLOWS: 5,177 BBL CLEAN FLUID, 100,062.0 LBS PREMIUM 100 MESH SAND & 130,000 LBS PREMIUM 40/70 SAND, MAX PRESSURE 5,570 PSI. AVG PRESSURE 4,533 PSI. AVG RATE 80.7 BPM. ISIP= 2,674 PSI, FG= .86
12:00	14:00	2.00	PERF	ACTIVE	RU API WIRELINE. RIH W/ 4 EACH 3 3/8", 25 GRAM, OWENS SDP3375-311NT3 CHARGED, .42 EHD, 60* PHASED PERFORATING GUNS AND HALLIBURTON 5 1/2" CBFP TO PERFORATE THE WOLFCAMP STG 19 INTERVALS AT 9,430'-9,432', 9,490'-9,492', 9,550'-9,552', 9,610'-9,612'. W/ 6 SPF AND 48 HOLES. SET CFP AT 9,640' PLUG TEST PLUG TO 5000 PSI! PD FLUID: 235 BBLs PUH TO PERFORATE INTERVALS, PLUG DID NOT SET AT 5,000 PSI
14:00	16:30	2.50	STIM	ACTIVE	RU TRICAN STIM CREW,CHEMICALS BIGHORN WTR TRANSFER TO FRAC STG 19 PERFS @ 9,430'-9,612' (48 HOLES) W/ 3,000 GAL 7.5% HCL ACID, 218,185 GAL OF SLICK WATER, 99,750 LBS PREMIUM 100 MESH & 127,750 LBS PREMIUM 40/70 SAND. HES WHIT, DOWN 5-1/2" 17# P110 GRADE CSG @ 80 BPM. SC OPEN. SICP 1,830 PSI. BRK 6,340 @ 46 BPM. (ACID SPOTTED AHEAD DURING PUMP DOWN) ACID CLEARED PERFS AT 5,,626 PSI @ 77 BPM. PUMPED JOB AS FOLLOWS: 5,044 BBL CLEAN FLUID, 100,302.0 LBS PREMIUM 100 MESH SAND & 110,300 LBS PREMIUM 40/70 SAND, MAX PRESSURE 5,570 PSI. AVG PRESSURE 4,533 PSI. AVG RATE 80.7 BPM. ISIP= 2,418 PSI, FG= .81



Partner Report

Report # 37 Date: 4/8/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541602	Latitude (°) 31° 4' 4.214" N	Longitude (°) 101° 1' 6.19" W	Ground Elev... 2,523.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,548.00	Tubing Head Elevation (ft)

Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
16:30	21:30	5.00	PERF	ACTIVE	RU API WIRELINE. RIH W/ 4 EACH 3 3/8", 25 GRAM, OWENS SDP3375-311NT3 CHARGED, .42 EHD, 60* PHASED PERFORATING GUNS AND HALLIBURTON 5 1/2" CBFP TO PERFORATE THE WOLFCAMP STG 20 INTERVALS AT 9,190'-9,192', 9,250'-9,252', 9,310'-9,312', 9,370'-9,372'. W/ 6 SPF AND 48 HOLES. SET CFP AT 9,400' PLUG TEST PLUG TO 5000 PSI! PD FLUID: 217 BBLs PUH TO PERFORATE INTERVALS, PLUG DID NOT SET AT 5,000 PSI PU ADDITIONAL PLUG, RIH AND SET AT APPROX 9,350' ABOVE TOP PERF AND RETESTED. PLUG WOULD NOT TEST. POH ASSUMING CSGING HAS HOLE IN IT.
21:30	00:30	3.00	PERF	ACTIVE	DUE TO PLUG NOT HOLDING STAGE 20 WAS ABANDONED RU API WIRELINE. RIH W/ 4 EACH 3 3/8", 25 GRAM, OWENS SDP3375-311NT3 CHARGED, .42 EHD, 60* SET COMPOSITE BRIDGE PLUG @ 9,160'. TEST PLUG. PLUG DOD NOT HOLD PUMPED INTO WELL AT 2 BPM @ 4454 PSI FOR 10 BBP WITH NO PRESSURE INCREASE.
00:30	08:30	8.00	RIGD	ACTIVE	RD ALL UNITS AND RELEASE FROM WELL.
08:30	17:00	8.50	SHUTDOWN	ACTIVE	SHUT WELL IN UNTIL FURTHER NOTICE
17:00	17:30	0.50	INACTIVE	INACTIVE	ALL UNIT OFF WELL, WELL SECURE. WOO.



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Wellbore Name: OH

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Partner Report

Report # 38 Date: 4/18/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541602	Latitude (°) 31° 4' 4.214" N	Longitude (°) 101° 1' 6.19" W	Ground Elev... 2,523.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,548.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,153.0	Authorized Depth TVD (ftKB)	API/UWI 4210541602
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Costs

WBS Number 01-03269.01;01-03269.02;01-03269.03;01-03269.04;01-03269.05	Planned Days (days) 46.00	Daily Cost (Cost) \$22,850	Cum To Date (Cost) \$6,002,955	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%) 100.0
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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	13.73	\$0	\$1,204,191	\$1,590,000	\$385,809
COMPLETION	23.10	\$22,850	\$4,798,764	\$4,797,520	(\$1,244)

Daily Operations

Rig

Drilled Last 24 Hours (ft) 0.00	End Depth (ftKB) 14,076.0	End Depth (TVD) (ftKB) 6,265.0	DFS (days) 86.21	Report Number 38	Report End Date 4/18/2013
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Last Casing String

PRODUCTION, 14,076.0ftKB

Status at 6 AM

WSI, TRAVEL TO LOCATION

24 Hour Forecast

RIH W/PKR TO FIND LEAK

Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	09:00	3.00	INACTIVE	INACTIVE	WSI
09:00	13:00	4.00	RIGU	ACTIVE	MIRU ESCO RIG # 235, NU BFT BOP, SPOT PIPE RACKS, RACK PIPE & TALLY
13:00	18:00	5.00	RUNCOM	ACTIVE	PU BFT BHA (29.42), CONSISTING OF - 4 3/4" TAPERED MILL, 4 3/4" STRING MILL, 2 3/8" IF LBS, 3 3/4" BUMPER SUB, 3 3/4" JARS, X-OVER SUB, STRING FLOAT, 1 JT PH-6, F-NIPPLE, 93 JTS PH-6, X-NIPPLE, 200 JTS PH-6 TBG, 9119' EOT
18:00	19:00	1.00	CIRC	ACTIVE	RU ESCO PUMP TO CIRCULATE HOLE, PUMP 200 BBLS OF FW & CIRCULATE TO FRAC TANK, SD,
19:00	20:00	1.00	PULCOM	ACTIVE	POH W/ 80 STANDS, LEFT 66 STANDS & 1 JT IN HOLE, SWI, SDFN
20:00	06:00	10.00	SHUTDOWN	ACTIVE	NO ACTIVITY



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Wellbore Name: OH

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Partner Report

Report # 39 Date: 4/19/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541602	Latitude (°) 31° 4' 4.214" N	Longitude (°) 101° 1' 6.19" W	Ground Elev... 2,523.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,548.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,153.0	Authorized Depth TVD (ftKB)	API/UWI 4210541602
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Costs

WBS Number 01-03269.01;01-03269.02;01-03269.03;01-03269.04;01-03269.05	Planned Days (days) 46.00	Daily Cost (Cost) \$28,820	Cum To Date (Cost) \$6,045,975	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%) 100.0
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	13.73	\$0	\$1,204,191	\$1,590,000	\$385,809
COMPLETION	24.10	\$28,820	\$4,841,784	\$4,797,520	(\$44,264)

Daily Operations

Rig					
Drilled Last 24 Hours (ft) 0.00	End Depth (ftKB) 14,076.0	End Depth (TVD) (ftKB) 6,265.0	DFS (days) 87.21	Report Number 39	Report End Date 4/19/2013
Last Casing String PRODUCTION, 14,076.0ftKB					
Status at 6 AM WSI, TRAVEL TO LOCATION			24 Hour Forecast RIH W/VIDEO CAMERA		

Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	07:00	1.00	TRAVEL	ACTIVE	TRAVEL TO LOCATION
07:00	07:15	0.25	SAFETY	ACTIVE	PRE JOB SAFETY MTG
07:15	09:30	2.25	PULCOM	ACTIVE	POOH W/TBG & BFT BHA, LAYDOWN BHA
09:30	12:00	2.50	RUNCOM	ACTIVE	PU WEATHERFORD 5/2" PKR & RIH
12:00	16:00	4.00	LKOFF	ACTIVE	SET PKR @ 6563' & TEST CSG TO 2800 PSI, HELD GOOD, PUMP DOWN TBG @ 2 BPM @ 4100 PSI, UNSEAT PKR & RIH TO 7803' & SET PKR, TEST CSG TO 2800 PSI, DIDNT HOLD, TESTED BP SET @ 9160' TO 4000 PSI, HELD GOOD,PULLED TO 7183' AND SET PKR, PUMP DOWN TBG @ 2 BPM @ 3850, RELEASE PKR & RIH TO 7493', TEST CSG TO 2800 PSI, NOT HOLDING, PULL TO 7370' & TEST CSG TO 2800 PSI, NOT HOLDING, PULL 1 STD TO 7308' AND TEST CSG TO 2800 , NOT HOLDING, PULL 1 STD TO 7245' & TEST CSG, NOT HOLDING, PULL 1 JT TO 7214', TESTED TBG TO 4000 PSI, HELD GOOD, TESTED CSG TO 2800 PSI, NOT HOLDING. LEAK IS BETWEEN 7183' TO 7214'
16:00	18:00	2.00	PULCOM	ACTIVE	POOH W/ PKR STANDING BACK IN DERRICK
18:00	20:00	2.00	RUNCOM	ACTIVE	RIW W/ 96 STDs & 1 JT, TO 5987'. SWI & SDFN
20:00	06:00	10.00	SHUTDOWN	ACTIVE	NO ACTIVITY, SDFN



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Wellbore Name: OH

WEST UNRESTRICTED

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Partner Report

Report # 40 Date: 4/20/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541602	Latitude (°) 31° 4' 4.214" N	Longitude (°) 101° 1' 6.19" W	Ground Elev... 2,523.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,548.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,153.0	Authorized Depth TVD (ftKB)	API/UWI 4210541602
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Costs

WBS Number 01-03269.01;01-03269.02;01-03269.03;01-03269.04;01-03269.05	Planned Days (days) 46.00	Daily Cost (Cost) \$71,285	Cum To Date (Cost) \$6,117,260	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%) 100.0
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	13.73	\$0	\$1,204,191	\$1,590,000	\$385,809
COMPLETION	25.10	\$71,285	\$4,913,069	\$4,797,520	(\$115,549)

Daily Operations

Rig					
Drilled Last 24 Hours (ft) 0.00	End Depth (ftKB) 14,076.0	End Depth (TVD) (ftKB) 6,265.0	DFS (days) 88.21	Report Number 40	Report End Date 4/20/2013
Last Casing String PRODUCTION, 14,076.0ftKB					
Status at 6 AM WSI TRAVEL TO LOCATION			24 Hour Forecast LAYDOWN PH-6 TBG, SWI, SDFWE		

Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	07:00	1.00	TRAVEL	ACTIVE	TRAVEL TO LOCATION
07:00	07:15	0.25	SAFETY	ACTIVE	PRE JOB SAFETY MTG
07:15	09:15	2.00	RUNCOM	ACTIVE	RIH W/TBG TO GET ON DEPTH, PUMP 50 GALS DIESEL, FLUSH TO END OF TBG
09:15	11:30	2.25	WIRELINE	ACTIVE	NU CDK WL COMPANY & PU EV DOWNHOLE VIDEO CAMERA & RIH, GOT TO END OF TBG. DISCOVERED OFF 1 STAND OF TBG, POOH W/ WL AND RIH W/ 1 STD OF TBG.
11:30	19:30	8.00	WIRELINE	ACTIVE	NU CDK WL COMPANY & PU EV DOWNHOLE VIDEO CAMERA & RIH, FOUND END OF TBG @ 7203' , RAN CAMERA INTO CSG 10', PULLED UP INTO TBG, CSG GOOD, PULLED TBG UP 10' AND REPEATED PROCESS, CSG GOOD, PULLED UP TBG 10' AND REPEATED PROCESS, CSG GOOD, PULLED TBG UP 10' AND REPEATED PROCESS, CSG GOOD, PULLED TBG UP 10' AND REPEATED PROCESS, FOUND COLLAR @ 7176', APPEARED TO HAVE IN HOLE IN COLLAR ALSO LOOKED BUCKLED AT THE COLLAR, WENT DOWN WITH TBG AND WENT TO 7216' DID NOT SEE COLLAR, POOH W/VIDEO CAMERA, ADDED 16' OF PUP JTS. RIH W/VIDEO CAMERA, FOUND COLLAR @ 7221', COLLAR LOOKED GOOD. POOH W/CAMERA. NOTE: DEPTH FOR LEAK IS BETWEEN 7172'-7203' , WAS GIVEN WRONG DEPTH ON PREVIOUS DAYS REPORT
19:30	20:00	0.50	RIGD	ACTIVE	RD CDK WL & EV DOWNHOLE VIDEO CAMERA
20:00	21:15	1.25	PULCOM	ACTIVE	LAYDOWN 60 JTS, LEAVING 113 JTS IN HOLE AND 30 STDS IN DERRICK. SWI,
21:15	06:00	8.75	SHUTDOWN	ACTIVE	SDFN



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Partner Report

Report # 41 Date: 4/21/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541602	Latitude (°) 31° 4' 4.214" N	Longitude (°) 101° 1' 6.19" W	Ground Elev... 2,523.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,548.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,153.0	Authorized Depth TVD (ftKB)	API/UWI 4210541602
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Costs

WBS Number 01-03269.01;01-03269.02;01-03269.03;01-03269.04;01-03269.05	Planned Days (days) 46.00	Daily Cost (Cost) \$18,660	Cum To Date (Cost) \$6,135,920	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%) 100.0
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	13.73	\$0	\$1,204,191	\$1,590,000	\$385,809
COMPLETION	26.10	\$18,660	\$4,931,729	\$4,797,520	(\$134,209)

Daily Operations

Rig					
Drilled Last 24 Hours (ft) 0.00	End Depth (ftKB) 14,076.0	End Depth (TVD) (ftKB) 6,265.0	DFS (days) 89.21	Report Number 41	Report End Date 4/21/2013
Last Casing String PRODUCTION, 14,076.0ftKB					
Status at 6 AM WSI			24 Hour Forecast WAIT ON ORDERS		

Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	07:00	1.00	TRAVEL	ACTIVE	TRAVEL TO LOCATION
07:00	07:15	0.25	SAFETY	ACTIVE	PRE JOB SAFETY MTG
07:15	11:30	4.25	PULCOM	ACTIVE	LAYDOWN REMAINING 172 JTS OF PH-6 TBG, SWI
11:30	06:00	18.50	SHUTDOWN	ACTIVE	SHUT DOWN FOR WEEKEND



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Wellbore Name: OH

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Partner Report

Report # 43 Date: 4/23/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541602	Latitude (°) 31° 4' 4.214" N	Longitude (°) 101° 1' 6.19" W	Ground Elev... 2,523.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,548.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,153.0	Authorized Depth TVD (ftKB)	API/UWI 4210541602
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Costs

WBS Number 01-03269.01;01-03269.02;01-03269.03;01-03269.04;01-03269.05	Planned Days (days) 46.00	Daily Cost (Cost) \$31,250	Cum To Date (Cost) \$6,188,820	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%) 100.0
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	13.73	\$0	\$1,204,191	\$1,590,000	\$385,809
COMPLETION	28.10	\$31,250	\$4,984,629	\$4,797,520	(\$187,109)

Daily Operations

Rig											
Drilled Last 24 Hours (ft)	0.00	End Depth (ftKB)	14,076.0	End Depth (TVD) (ftKB)	6,265.0	DFS (days)	91.21	Report Number	43	Report End Date	4/23/2013
Last Casing String											
PRODUCTION, 14,076.0ftKB											
Status at 6 AM						24 Hour Forecast					
WAITING ON TOOL REPAIR						LOG WELL					

Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	09:00	3.00	RIGD	ACTIVE	RDMOL W/ ESCO RIG #235, ND BOP.
09:00	23:00	14.00	SHUTDOWN	ACTIVE	WAITING ON HES TO LOG # 8H
23:00	00:30	1.50	RIGU	ACTIVE	RU HES WL, WELLTEC TRACTOR, BTT PUMP TRK.
00:30	01:30	1.00	LOG	ACTIVE	RIH W/ LOGGING TOOL, TOOL NOT WORKING, POOH
01:30	06:00	4.50	SHUTDOWN	ACTIVE	WAITING ON TOOL TECH TO GET TO LOCATION AND REPAIR TOOLS



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Wellbore Name: OH

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Partner Report

Report # 43 Date: 4/24/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541602	Latitude (°) 31° 4' 4.214" N	Longitude (°) 101° 1' 6.19" W	Ground Elev... 2,523.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,548.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,153.0	Authorized Depth TVD (ftKB)	API/UWI 4210541602
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Costs

WBS Number 01-03269.01;01-03269.02;01-03269.03;01-03269.04;01-03269.05	Planned Days (days) 46.00	Daily Cost (Cost) \$56,940	Cum To Date (Cost) \$6,224,110	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%) 100.0
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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	13.73	\$0	\$1,204,191	\$1,590,000	\$385,809
COMPLETION	28.10	\$56,940	\$5,019,919	\$4,797,520	(\$222,399)

Daily Operations

Rig

Drilled Last 24 Hours (ft) 0.00	End Depth (ftKB) 14,076.0	End Depth (TVD) (ftKB) 6,265.0	DFS (days) 92.21	Report Number 43	Report End Date 4/24/2013
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Last Casing String

PRODUCTION, 14,076.0ftKB

Status at 6 AM

WSI

24 Hour Forecast

WELL SHUT IN, WAITING ON ORDERS

Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	08:15	2.25	SHUTDOWN	ACTIVE	WAITING ON LOGGING TOOL REPAIR
08:15	12:00	3.75	LOG	ACTIVE	RIH W/HES CAST LOGGING TOOL, WELLTEC TRACTOR, RU BTT PUMP TRUCK, STARTED TRACTOR AND WENT TO 9,150', STARTED LOGGING UP, TOOL READING BECAME ERRATIC @ 7.850' TO 7,559', POOH W/TOOLS & TRACTOR TO REPAIR
12:00	16:00	4.00	WIRELINE	ACTIVE	FOUND ISSUE WITH TOOL, AND GAS IN HOLE WAS AFFECTING TOOLS ALSO
16:00	20:45	4.75	LOG	ACTIVE	RIH W/ HES CAST LOGING TOOL & TRACTOR, TRACTOR TOOL TO 7,950' AND STARTED LOGGING UP, KEEPING 1200 TO 1500 PSI ON WELL.
20:45	22:15	1.50	RIGD	ACTIVE	OUT OF HOLE, SWI, LD LOGGING TOOLS & TRACTOR, ND HES WIRELINE & RD BTT PUMP TRUCK. PUMPED 35 BBLs INTO WELL WHILE LOGGING.
22:15	06:00	7.75	SHUTDOWN	ACTIVE	WELL SHUT IN, WAITING ON ORDERS



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Wellbore Name: OH

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Partner Report

Report # 44 Date: 5/1/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541602	Latitude (°) 31° 4' 4.214" N	Longitude (°) 101° 1' 6.19" W	Ground Elev... 2,523.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,548.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,153.0	Authorized Depth TVD (ftKB)	API/UWI 4210541602
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Costs

WBS Number 01-03269.01;01-03269.02;01-03269.03;01-03269.04;01-03269.05	Planned Days (days) 46.00	Daily Cost (Cost) \$22,090	Cum To Date (Cost) \$6,246,200	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%) 100.0
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	13.73	\$0	\$1,204,191	\$1,590,000	\$385,809
COMPLETION	29.10	\$22,090	\$5,042,009	\$4,797,520	(\$244,489)

Daily Operations

Rig					
Drilled Last 24 Hours (ft)	End Depth (ftKB)	End Depth (TVD) (ftKB)	DFS (days)	Report Number	Report End Date
0.00	14,076.0	6,265.0	99.21	44	5/1/2013
Last Casing String					
PRODUCTION, 14,076.0ftKB					
Status at 6 AM			24 Hour Forecast		
WSI			DO PLUGS		

Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	09:00	3.00	INACTIVE	INACTIVE	NO ACTIVITY
09:00	10:00	1.00	TRAVEL	ACTIVE	TRAVEL TO LOCATION
10:00	10:15	0.25	SAFETY	ACTIVE	PRE RIG UP SAFETY MTG.
10:15	13:15	3.00	RIGU	ACTIVE	RU ESCO RIG # 238, SET PIPE RACKS
13:15	06:00	16.75	SHUTDOWN	ACTIVE	WSI , SDFN, WILL FINISH SETTING UP TO DO PLUGS IN AM TOMORROW



UNIVERSITY 52-10 7H

Wellbore Name: OH

WEST UNRESTRICTED

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Partner Report

Report # 45 Date: 5/2/2013 06:00

District	County	Field Name	Project Group	State/Province			
PERMIAN BASIN	CROCKETT	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)
S 10, BLK 52, ULS	4210541602	31° 4' 4.214" N	101° 1' 6.19" W	2,523.00	25.00	2,548.00	

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,153.0	Authorized Depth TVD (ftKB)	API/UWI 4210541602
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Costs

WBS Number 01-03269.01;01-03269.02;01-03269.03;01-03269.04;01-03269.05	Planned Days (days) 46.00	Daily Cost (Cost) \$46,930	Cum To Date (Cost) \$6,293,130	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%) 100.0
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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	13.73	\$0	\$1,204,191	\$1,590,000	\$385,809
COMPLETION	30.10	\$46,930	\$5,088,939	\$4,797,520	(\$291,419)

Daily Operations

Rig					
ENERGY SERVICE, 238					
Drilled Last 24 Hours (ft)	End Depth (ftKB)	End Depth (TVD) (ftKB)	DFS (days)	Report Number	Report End Date
0.00	14,076.0	6,265.0	100.21	45	5/2/2013

Last Casing String PRODUCTION, 14,076.0ftKB
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Status at 6 AM PUMPING SWEEP	24 Hour Forecast DO PLUGS
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Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	07:00	1.00	TRAVEL	ACTIVE	TRAVEL TO LOCATION
07:00	07:15	0.25	SAFETY	ACTIVE	PRE JOB SAFETY MTG.
07:15	09:30	2.25	BOPS	ACTIVE	200 PSI ON WELL, BLEED OFF PSI & NU BFT BOP & FLOWCROSS
09:30	14:30	5.00	SHUTDOWN	ACTIVE	WAIT ON TUBING
14:30	22:30	8.00	RUNCOM	ACTIVE	UNLOAD & RACK 476 JTS OF 2 7/8" PH-6 TBG, PU BFT BHA CONSISTING OF 4 3/4" JZ BIT, BIT SUB, X-OVER, 2 7/8" MOTOR, X-OVER, STRING FLOAT, F-NIPPLE (35.61' TOTAL W/KB CORRECTION) AND RIH
22:30	06:00	7.50	DRLG	ACTIVE	TAGGED UP @ 9,145' ON JT # 295, RU BFT PWR SWIVEL, CIRCULATE 140 BBLS CATCHING SAMPLES, DO BRIDGE PLUG IN 15 MIN, PUMP 5 BBL SWEEP, 2.5 BPM IN 3 BPM OUT, 350 PSI, TAGGED UP ON FRAC PLUG # 1 @ 9,385' ON JT # 302, DO IN 20 MIN, PUMP 5 BBL SWEEP, 2.5 BPM IN, 2.75 BPM OUT, 300 PSI, TAGGED UP ON FRAC PLUG #2 @ 9,615' ON JT #310, DO IN 15 MIN, 2.5 BPM IN 2.75 BPM OUT, 200 PSI, PUMPING 50 SWEEP @ REPORT TIME.



UNIVERSITY 52-10 7H
Wellbore Name: OH

WEST UNRESTRICTED
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Partner Report

Report # 46 Date: 5/3/2013 06:00

District	County	Field Name		Project Group		State/Province	
PERMIAN BASIN	CROCKETT	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)
S 10, BLK 52, ULS	4210541602	31° 4' 4.214" N	101° 1' 6.19" W	2,523.00	25.00	2,548.00	

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,153.0	Authorized Depth TVD (ftKB)	API/UWI 4210541602
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Costs

WBS Number 01-03269.01;01-03269.02;01-03269.03;01-03269.04;01-03269.05	Planned Days (days) 46.00	Daily Cost (Cost) \$37,060	Cum To Date (Cost) \$6,330,190	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%) 100.0
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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	13.73	\$0	\$1,204,191	\$1,590,000	\$385,809
COMPLETION	31.10	\$37,060	\$5,125,999	\$4,797,520	(\$328,479)

Daily Operations

Rig					
ENERGY SERVICE, 238					
Drilled Last 24 Hours (ft)	End Depth (ftKB)	End Depth (TVD) (ftKB)	DFS (days)	Report Number	Report End Date
0.00	14,076.0	6,265.0	101.21	46	5/3/2013

Last Casing String PRODUCTION, 14,076.0ftKB
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Status at 6 AM PUMPING SWEEPS	24 Hour Forecast POH W/WORKSTRING
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Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	06:00	24.00	DRLG	ACTIVE	<p>CONTINUE DRILLING PLUGS PUMPING 5 BBL SWEEPS BEHIND EACH PLUG, TAGGED PLUG #3 @ 9,857' ON JT # 317, DO IN 29 MIN. 2.5 BPM IN, 3 BPM OUT, PSI @ 250, TAGGED PLUG #4 @ 10,105' ON JT # 325, DO IN 9 MIN. 2.5 BPM IN, 3 BPM OUT, PSI @ 180, TAGGED PLUG #5 @ 10,345' ON JT # 333, DO IN 6 MIN. 2.5 BPM IN, 3 BPM OUT, PSI @ 120, TAGGED PLUG #6 @ 10,600' ON JT # 341, PLUG RELEASED, WENT TO NEXT PLUG #7, TAGGED PLUG @ 10,814', DO IN 9 MIN. 2.5 BPM IN, 3 BPM OUT, PSI @ 180, TAGGED PLUG #8 @ 11,058' ON JT # 356, DO IN 8 MIN. 2.5 BPM IN, 3 BPM OUT, PSI @ 180, TAGGED PLUG #9 @ 11,287' ON JT # 364, DO IN 12 MIN. 2.5 BPM IN, 3 BPM OUT, PSI @ 200, TAGGED PLUG #10 @ 11,536' ON JT # 372, DO IN 9 MIN. 2.5 BPM IN, 3 BPM OUT, PSI @ 180, TAGGED PLUG #11 @ 11,780' ON JT # 380, PLUG RELEASED, PUMPED 2 25 BBL SWEEPS BOTTOMS UP, 2.5 BPM IN, 3 BPM OUT, PSI @ 220, TAGGED PLUG #12 @ 12,020' ON JT # 387, DO IN 5 MIN. 2.5 BPM IN, 3 BPM OUT, PSI @ 220, TAGGED PLUG #13 @ 12,252' ON JT # 395, DO IN 6 MIN. 2.5 BPM IN, 3 BPM OUT, PSI @ 220, TAGGED PLUG #14 @ 12,492' ON JT # 402, DO IN 10 MIN. 2.5 BPM IN, 3 BPM OUT, PSI @ 220, TAGGED PLUG #15 @ 12,732' ON JT # 410, DO IN 15 MIN. 2.5 BPM IN, 3 BPM OUT, PSI @ 200, TAGGED PLUG #16 @ 12,972' ON JT # 418, DO IN 20 MIN. 2.5 BPM IN, 3 BPM OUT, PSI @ 220, TAGGED PLUG #17 @ 13,177' ON JT # 426, DO IN 30 MIN. 2.5 BPM IN, 3 BPM OUT, PSI @ 220, TAGGED PLUG #18 @ 13,456' ON JT # 434, DO IN 15 MIN. 2.5 BPM IN, 3 BPM OUT, PSI @ 200, TAGGED PLUG #19 @ 13,697' ON JT # 441, DO IN 20 MIN. 2.5 BPM IN, 3 BPM OUT, PSI @ 180, TAGGED BOTTOM @ 13,938' ON JT # 447, PUMPING 2.5 BPM AND RETURNS OF 3 BPM, PUMPING SWEEPS @ REPORT TIME</p> <p>NOTE: GOT PLUG PIECES BACK AFTER EACH PLUG DURING DRILL OUT, STARTED GETTING HEAVY SAND BACK AFTER 8TH AND EVERY PLUG FOR THE REMAINDER OF THE DRILL OUT</p>



UNIVERSITY 52-10 7H

Wellbore Name: OH

WEST UNRESTRICTED

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Partner Report

Report # 47 Date: 5/4/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541602	Latitude (°) 31° 4' 4.214" N	Longitude (°) 101° 1' 6.19" W	Ground Elev... 2,523.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,548.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,153.0	Authorized Depth TVD (ftKB)	API/UWI 4210541602
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Costs

WBS Number 01-03269.01;01-03269.02;01-03269.03;01-03269.04;01-03269.05	Planned Days (days) 46.00	Daily Cost (Cost) \$39,110	Cum To Date (Cost) \$6,369,300	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%) 100.0
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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	13.73	\$0	\$1,204,191	\$1,590,000	\$385,809
COMPLETION	32.10	\$39,110	\$5,165,109	\$4,797,520	(\$367,589)

Daily Operations

Rig

ENERGY SERVICE, 238					
Drilled Last 24 Hours (ft)	End Depth (ftKB)	End Depth (TVD) (ftKB)	DFS (days)	Report Number	Report End Date
0.00	14,076.0	6,265.0	102.21	47	5/4/2013

Last Casing String

PRODUCTION, 14,076.0ftKB

Status at 6 AM

POOH W/TBG & SETTING TOOL	24 Hour Forecast TEST W/PACKER TO PINPOINT LEAK
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Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	09:30	3.50	CIRC	ACTIVE	PUMPING SWEEPS BOTTOMS UP
09:30	18:00	8.50	PULCOM	ACTIVE	POH LAYING DOWN TBG, START STANDING BACK IN DERRICK (151 STDS) PUMPED SWEEP & CIRCLATED OUT @ 6,350', PUMPED 30 BBLS 10# BRINE DOWN TBG. CONT POOH, 30 STDS IN HOLE WELL STILL FLOWING, PUMPED 30 BBLS 10# BRINE DOWN TBG TO KILL WELL, CONT POOH
18:00	21:45	3.75	BHA	ACTIVE	OUT OF HOLE, LD BFT BHA, PU WEATHERFORD 10K CBP & RIH
21:45	22:45	1.00	RUNCOM	ACTIVE	ON DEPTH W/ CBP (9,390'), DROP BALL RU ESCO PUMP TRK & PUMP 43 BBLS, 1000 PSI @ 2.5 BPM, PSI WENT TO 5000 PSI, BLED BACK PSI, RETRY, BLED BACK PSI, RETRY, PSI BROKE BACK TO 800 PSI, PLUG SET, PU & THEN GIH TO TAG PLUG AND CONFIRM, REPEATED, PLUG IS SET, POOH W/ SETTING TOOL
22:45	01:45	3.00	PULCOM	ACTIVE	POOH W/ WEATHERFORD SETTING TOOL, FOUND SOME SAND IN SETTING TOOL, LD AND THEN PICK UP ANOTHER WEATHERFORD SETTING TOOL & 10K CBP
01:45	02:15	0.50	BHA	ACTIVE	OUT OF HOLE WITH SETTING TOOL, FOUND SOME SAND IN SETTING TOOL, LD AND THEN PICK UP ANOTHER WEATHERFORD SETTING TOOL & 10K CBP RIH W/ SETTING TOOL & PLUG
02:15	06:00	3.75	RUNCOM	ACTIVE	ON DEPTH W/ CBP (9,155'), DROP BALL RU ESCO PUMP TRK & PUMP 60 BBLS, 1600 PSI @ 2.5 BPM, PSI WENT TO 1800 PSI, PSI DROPPED BACK TO 1600 PSI, PLUG SET, PU & THEN GIH TO TAG PLUG AND CONFIRM, REPEATED, PLUG IS SET, POOH W/ SETTING TOOL



UNIVERSITY 52-10 7H
Wellbore Name: OH

WEST UNRESTRICTED
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Partner Report

Report # 48 Date: 5/5/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)		Project Group PB TEXAS EAST		State/Province TX	
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541602	Latitude (°) 31° 4' 4.214" N	Longitude (°) 101° 1' 6.19" W	Ground Elev... 2,523.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,548.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,153.0	Authorized Depth TVD (ftKB)	API/UWI 4210541602
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Costs

WBS Number 01-03269.01;01-03269.02;01-03269.03;01-03269.04;01-03269.05	Planned Days (days) 46.00	Daily Cost (Cost) \$21,410	Cum To Date (Cost) \$6,390,710	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%) 100.0
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	13.73	\$0	\$1,204,191	\$1,590,000	\$385,809
COMPLETION	33.10	\$21,410	\$5,186,519	\$4,797,520	(\$388,999)

Daily Operations

Rig					
ENERGY SERVICE, 238					
Drilled Last 24 Hours (ft)	End Depth (ftKB)	End Depth (TVD) (ftKB)	DFS (days)	Report Number	Report End Date
0.00	14,076.0	6,265.0	103.21	48	5/5/2013
Last Casing String					
PRODUCTION, 14,076.0ftKB					
Status at 6 AM			24 Hour Forecast		
WSI					

Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	08:30	2.50	PULCOM	ACTIVE	POOH W/SETTING TOOL
08:30	08:45	0.25	BHA	ACTIVE	LD SETTING TOOL, PLUG WAS STILL ON SEETING TOOL STILL INTACT, HAD TO WAIT ON ANOTHER SETTING TOOL
08:45	13:30	4.75	SHUTDOWN	ACTIVE	WAITING ON SETTING TOOL
13:30	15:30	2.00	RUNCOM	ACTIVE	RIH W/ WEATHERFORD 10K CBP & HYDRAULIC SETTING TOOL
15:30	16:30	1.00	CIRC	ACTIVE	SET DOWN @ 6,497', TRIED GOING UP HAD TENSION, GOING DOWN IT TOOK WT. WORKED UP & DOWN SEVERAL TIMES, WOULDNT COME FREE, RU ESCO PUMP TRK & PUMPED DOWN BACKSIDE WHILE WORKING TBG, STILL WOULDNT COME FREE, DROPPED BALL TO SET, PUMPED 80 BBLs @ 2.5 BPM WITH 900 PSI, UP RATE TO 5 BPM FOR 35 BBLs STILL DID NOT SET, BALL WOULDNT SEAT, RD PUMP TRK, CHANGED ELAVATORS, PULLED AND CAME FREE @ 80,000#,
16:30	18:30	2.00	PULCOM	ACTIVE	POOH W/ TBG,
18:30	18:45	0.25	RIGD	ACTIVE	LD WEATHERFORD SETTING TOOL, PLUG LEFT IN CSG @ 6,497', ABOUT 70 DEGREES, SWI
18:45	06:00	11.25	SHUTDOWN	ACTIVE	SDFWE



UNIVERSITY 52-10 7H
Wellbore Name: OH

WEST UNRESTRICTED
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Partner Report

Report # 49 Date: 5/6/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541602	Latitude (°) 31° 4' 4.214" N	Longitude (°) 101° 1' 6.19" W	Ground Elev... 2,523.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,548.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,153.0	Authorized Depth TVD (ftKB)	API/UWI 4210541602
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Costs

WBS Number 01-03269.01;01-03269.02;01-03269.03;01-03269.04;01-03269.05	Planned Days (days) 46.00	Daily Cost (Cost) \$6,360	Cum To Date (Cost) \$6,397,070	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%) 100.0
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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	13.73	\$0	\$1,204,191	\$1,590,000	\$385,809
COMPLETION	34.10	\$6,360	\$5,192,879	\$4,797,520	(\$395,359)

Daily Operations

Rig					
ENERGY SERVICE, 238					
Drilled Last 24 Hours (ft)	End Depth (ftKB)	End Depth (TVD) (ftKB)	DFS (days)	Report Number	Report End Date
0.00	14,076.0	6,265.0	104.21	49	5/6/2013

Last Casing String PRODUCTION, 14,076.0ftKB
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Status at 6 AM WSI	24 Hour Forecast RIH TO DRILL OUT PLUG
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Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	06:00	24.00	SHUTDOWN	ACTIVE	SDFWE



UNIVERSITY 52-10 7H

Wellbore Name: OH

WEST UNRESTRICTED

CONFIDENTIAL

Partner Report

Report # 50 Date: 5/7/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541602	Latitude (°) 31° 4' 4.214" N	Longitude (°) 101° 1' 6.19" W	Ground Elev... 2,523.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,548.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,153.0	Authorized Depth TVD (ftKB)	API/UWI 4210541602
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Costs

WBS Number 01-03269.01;01-03269.02;01-03269.03;01-03269.04;01-03269.05	Planned Days (days) 46.00	Daily Cost (Cost) \$31,035	Cum To Date (Cost) \$6,428,105	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%) 100.0
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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	13.73	\$0	\$1,204,191	\$1,590,000	\$385,809
COMPLETION	35.10	\$31,035	\$5,223,914	\$4,797,520	(\$426,394)

Daily Operations

Rig					
ENERGY SERVICE, 238					
Drilled Last 24 Hours (ft)	End Depth (ftKB)	End Depth (TVD) (ftKB)	DFS (days)	Report Number	Report End Date
0.00	14,076.0	6,265.0	105.21	50	5/7/2013

Last Casing String PRODUCTION, 14,076.0ftKB
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Status at 6 AM TRAVEL TO LOCATION	24 Hour Forecast RIH W/MILL
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Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	07:15	1.25	TRAVEL	ACTIVE	TRAVEL TO LOCATION
07:15	07:30	0.25	SAFETY	ACTIVE	PRE JOB SAFETY MTG.
07:30	08:00	0.50	BHA	ACTIVE	PU & MU BFT BHA CONSISTING OF (4 3/4" JZ BIT, BIT SUB JARS, STRING FLOAT, 28.4' W/KB CORRECTION)
08:00	11:00	3.00	RUNCOM	ACTIVE	TAGGED UP ON JT #209, 6,497', RU BFT PWR SWIVEL, ESCO PUMP & DO PLUG
11:00	12:00	1.00	DRLG	ACTIVE	PUMPING 5 BPM IN 5 BPM OUT, DO IN 35 MIN, PUMP SWEEP & CIRCULATE OUT
12:00	13:00	1.00	CIRC	ACTIVE	CONT RIH TO 9,386', RU ESCO PUMP AND CIRCULATE SWEEP BOTTOMS UP
13:00	17:30	4.50	PULCOM	ACTIVE	POOH, GOT STICKY @ 6,650', RIH TO 6,782' AND CIRCULATED SWEEP BOTTOMS UP
17:30	18:00	0.50	BHA	ACTIVE	PU & MU WEATHERFORD CBP ON 2 7/8" PH-6 TBG
18:00	21:45	3.75	RUNCOM	ACTIVE	RIH W/CBP
21:45	22:30	0.75	PULCOM	ACTIVE	ON DEPTH W/CBP, DROP SEATING BALL, RU ESCO PUMP, PUMPED @ 2.5 BPM @ 1500 PSI, BALL SEATED (38 BBLs) AND SHEARED PINS @ 4100 PSI, PSI DROPPED BACK TO 1500 PSI, PUMPED 5 MORE BBLs AND SD, PICKED UP AND THEN WENT DOWN AND TAGGED PLUG TWICE, CONFIRMED SET, POOH
22:30	01:30	3.00	PULCOM	ACTIVE	OUT OF HOLE, LD WEATHERFORD SETTING TOOL
01:30	06:00	4.50	RUNCOM	ACTIVE	PU & MU HD PKR, RIH , HIT OBSTRUCTION @ 7,082', TAGGED UP AT SAME SPOT 3 TIMES, LAYED 1 JT DOWN, LAYED DOWN 2 ND JT AND IT BECAME STICKY, WENT DOWN AND IT TOOK WT, PULLED BACK UP AND IT BECAME FREE. STARTED OUT OF HOLE 1ST STAND WAS STICKY, CONTINUE OUT OF HOLE STANDING BACK @ REPORT TIME



UNIVERSITY 52-10 7H
Wellbore Name: OH

WEST UNRESTRICTED
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Partner Report

Report # 51 Date: 5/8/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541602	Latitude (°) 31° 4' 4.214" N	Longitude (°) 101° 1' 6.19" W	Ground Elev... 2,523.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,548.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,153.0	Authorized Depth TVD (ftKB)	API/UWI 4210541602
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Costs

WBS Number 01-03269.01;01-03269.02;01-03269.03;01-03269.04;01-03269.05	Planned Days (days) 46.00	Daily Cost (Cost) \$51,775	Cum To Date (Cost) \$6,479,880	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%) 100.0
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	13.73	\$0	\$1,204,191	\$1,590,000	\$385,809
COMPLETION	36.10	\$51,775	\$5,275,689	\$4,797,520	(\$478,169)

Daily Operations

Rig					
ENERGY SERVICE, 238					
Drilled Last 24 Hours (ft)	End Depth (ftKB)	End Depth (TVD) (ftKB)	DFS (days)	Report Number	Report End Date
0.00	14,076.0	6,265.0	106.21	51	5/8/2013
Last Casing String					
PRODUCTION, 14,076.0ftKB					
Status at 6 AM			24 Hour Forecast		
PULL OUT OF HOLE W/MILL			RIH W/ CASING PATCH		

Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	06:30	0.50	PULCOM	ACTIVE	CONT, POOH
06:30	07:00	0.50	BHA	ACTIVE	PU 4 3/4' BIT, 4.767" STRING MILL, JARS & RIH ON 2 7/8" PH-6 TBG
07:00	10:45	3.75	RUNCOM	ACTIVE	RIH TO 7,250' W/NO PROBLEMS GOING IN HOLE
10:45	11:45	1.00	CIRC	ACTIVE	RU ESCO PUMP TRK AND PUMP SWEEP, CIRCULATED SWEEP UP AND HOLE GOOD AND CLEAN
11:45	14:45	3.00	PULCOM	ACTIVE	POOH WITH TOOLS
14:45	15:00	0.25	BHA	ACTIVE	PU WEATHERFORD HD 5 1/2" PKR
15:00	22:15	7.25	RUNCOM	ACTIVE	RIH W/ PKR, ON DEPTH W/ PKR @ 7,202', ATTEMPTED TO SET, PKR WOULD NOT SET, ADDED 10' TO 7,210', STILL WOULD NOT SET, LAYED DOWN 10' & ADDED 30', TRIED TO SET AND IT STILL WOULDN'T, PULL UP INTO STRAIGHT HOLE @ 5,680', SET PKR, RELEASE PKR & GO BACK DOWNHOLE TO 7,200' & STILL WOULDN'T SET, WENT DOWN 1 STD AND SET PKR, MOVED BACK UP TO 7,202' AND SET PKR, TESTED TBG TO 7,000 PSI AND IT HELD, WHILE MAINTAINING 3000 PSI ON ANNULUS, PUMPING INTO @ .5 BPM, MOVE UP HOLE TO 7,192' & TESTED TBG TO 3000 PSI WHILE MAINTAINING 3000 PSI ON ANNULUS @ .5 BPM, CONTINUE TO MOVE UP HOLE 5' AT A TIME WITH SAME RESULTS, WHEN AT 7,147' W/PKR SET, PUMPED INTO @ .6 BPM @ 3100 PSI, PSI ON ANNULUS AT 3000 PSI AND HOLDING. PIPOINTED LEAK FROM 7,147' TO 7,152', RELEASE PKR.
22:15	01:00	2.75	PULCOM	ACTIVE	POOH W/ PKR.
01:00	01:30	0.50	BHA	ACTIVE	LD WEATHERFORD HD PKR, PU & MU BFT 4 3/4 JZ BIT, BIT SUB, 4,767' STRING MILL, JARS & RIH
01:30	04:00	2.50	RUNCOM	ACTIVE	RIH W/BFT BHA TO 7,283' , 234 JTS IN HOLE, NO PROBLEMS GOING IN HOLE
04:00	05:15	1.25	CIRC	ACTIVE	CIRCULATED SWEEP OUT W/ 200 BBLS FW REVERSING OUT
05:15	06:00	0.75	PULCOM	ACTIVE	POOH W/ BFT BHA, PULLING OUT OF HOLE @ REPORT TIME.



UNIVERSITY 52-10 7H

Wellbore Name: OH

WEST UNRESTRICTED

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Partner Report

Report # 52 Date: 5/9/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541602	Latitude (°) 31° 4' 4.214" N	Longitude (°) 101° 1' 6.19" W	Ground Elev... 2,523.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,548.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,153.0	Authorized Depth TVD (ftKB)	API/UWI 4210541602
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Costs

WBS Number 01-03269.01;01-03269.02;01-03269.03;01-03269.04;01-03269.05	Planned Days (days) 46.00	Daily Cost (Cost) \$94,383	Cum To Date (Cost) \$6,574,263	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%) 100.0
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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	13.73	\$0	\$1,204,191	\$1,590,000	\$385,809
COMPLETION	37.10	\$94,383	\$5,370,072	\$4,797,520	(\$572,552)

Daily Operations

Rig

ENERGY SERVICE, 238						
Drilled Last 24 Hours (ft)	End Depth (ftKB)	End Depth (TVD) (ftKB)	DFS (days)	Report Number	Report End Date	
0.00	14,076.0	6,265.0	107.21	52	5/9/2013	

Last Casing String PRODUCTION, 14,076.0ftKB
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Status at 6 AM

WAITING ON PACKER	24 Hour Forecast FIND LEAK IN CASING
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Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	08:00	2.00	PULCOM	ACTIVE	CONT. OUT OF HOLE W/MILL
08:00	09:00	1.00	BHA	ACTIVE	OUT OF HOLE, LD BFT BHA, PU & MU ENVENTURE PATCH
09:00	11:45	2.75	RUNCOM	ACTIVE	RIH W/ENVENTURE PATCH
11:45	14:30	2.75	PATCH	ACTIVE	ON DEPTH W/PATCH, RU ESCO PUMP TRK, PUMP TO CHECK FOR CIRCULATION, SD , DROP BALL & LET FALL 20 MIN, HOLD SAFETY MTG, CONFIRM DEPTH W/ENVENTURE REP, PUMP TO SEAT BALL, 1 BPM, BALL SEATED, BROUGHT UP PSI TO 2000, THEN BROUGHT UP TO 4500 PSI, OBSERVED WT DROP ON WEIGHT INDICATOR, BLED TO 2500 PSI, PULLED 10,000# OVER STRING WT (40,000#) 50,000# TOTAL, MAINTAINED 4000 PSI AND PULLED UP ON TBG, PULLED 60,000# OVER ON TBG W/5500 PSI, STOPPED AND HELD PSI, IT CAME FREE AND LOST PSI, EXPANSION COMPLETE. PATCH SET, TOP @ 7,131'
14:30	17:30	3.00	PULCOM	ACTIVE	POOH W/ SETTING TOOL
17:30	18:00	0.50	BHA	ACTIVE	LD ENVENTURE SETTING TOOL & PU 3 7/8" BIT
18:00	20:30	2.50	RUNCOM	ACTIVE	RIH W/ BIT
20:30	22:30	2.00	DRLG	ACTIVE	RU ESCO PUMP AND DRILL OUT CASING PATCH FLOAT REVERSING, 25 MIN DRILL OUT TIME, PUMP SWEEP AND CIRCULATE OUT OF HOLE
22:30	01:30	3.00	PULCOM	ACTIVE	POOH W/BIT
01:30	03:00	1.50	RIGD	ACTIVE	ND BOP & FRAC VALVE, NU RED DIRT TEST SLEEVE & PUMP
03:00	03:15	0.25	LKOFF	ACTIVE	TEST CASING TO 8000 PSI, PUMPING INTO @ 2 BPM @ 3600 PSI
03:15	04:45	1.50	RIGU	ACTIVE	NU 5K FRAC VALVE AND BFT BOP
04:45	06:00	1.25	SHUTDOWN	ACTIVE	WAITING ON PACKER



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Wellbore Name: OH

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Partner Report

Report # 53 Date: 5/10/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541602	Latitude (°) 31° 4' 4.214" N	Longitude (°) 101° 1' 6.19" W	Ground Elev... 2,523.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,548.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,153.0	Authorized Depth TVD (ftKB)	API/UWI 4210541602
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Costs

WBS Number 01-03269.01;01-03269.02;01-03269.03;01-03269.04;01-03269.05	Planned Days (days) 46.00	Daily Cost (Cost) \$22,945	Cum To Date (Cost) \$6,597,208	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%) 100.0
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	13.73	\$0	\$1,204,191	\$1,590,000	\$385,809
COMPLETION	38.10	\$22,945	\$5,393,017	\$4,797,520	(\$595,497)

Daily Operations

Rig					
ENERGY SERVICE, 238					
Drilled Last 24 Hours (ft)	End Depth (ftKB)	End Depth (TVD) (ftKB)	DFS (days)	Report Number	Report End Date
0.00	14,076.0	6,265.0	108.21	53	5/10/2013
Last Casing String					
PRODUCTION, 14,076.0ftKB					
Status at 6 AM			24 Hour Forecast		
TRAVEL TO LOCATION			RIH W/INFLATEABLE PKR TO TEST CASING		

Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	08:45	2.75	SHUTDOWN	ACTIVE	WAITING ON PKR
08:45	09:00	0.25	BHA	ACTIVE	PU & MU WEATHERFORD 5 1/2" HD PKR.
09:00	13:30	4.50	RUNCOM	ACTIVE	RIH W/PKR, PKR SET GOING IN HOLE ON 2ND STAND & 14TH STAND HAD TROUBLE UNSEATING, GOT UNSEATED AND PULLED OUT OF HOLE, CHECKED OUT, PKR WORKING PROPERLY, RIH W/PKR
13:30	14:00	0.50	LKOFF	ACTIVE	SET PKR @ 7,107' AND TESTED TO 4000 PSI, HELD GOOD FOR 5 MIN, RELEASE PSI
14:00	16:30	2.50	PULCOM	ACTIVE	RELEASE PKR AND POOH, LD PKR & SHUT IN WELL
16:30	06:00	13.50	SHUTDOWN	ACTIVE	SDFN, WILL RUN INFLATABLE PKR IN AM



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Wellbore Name: OH

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Partner Report

Report # 54 Date: 5/11/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541602	Latitude (°) 31° 4' 4.214" N	Longitude (°) 101° 1' 6.19" W	Ground Elev... 2,523.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,548.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,153.0	Authorized Depth TVD (ftKB)	API/UWI 4210541602
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Costs

WBS Number 01-03269.01;01-03269.02;01-03269.03;01-03269.04;01-03269.05	Planned Days (days) 46.00	Daily Cost (Cost) \$37,542	Cum To Date (Cost) \$6,634,750	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%) 100.0
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	13.73	\$0	\$1,204,191	\$1,590,000	\$385,809
COMPLETION	39.10	\$37,542	\$5,430,559	\$4,797,520	(\$633,039)

Daily Operations

Rig					
ENERGY SERVICE, 238					
Drilled Last 24 Hours (ft)	End Depth (ftKB)	End Depth (TVD) (ftKB)	DFS (days)	Report Number	Report End Date
0.00	14,076.0	6,265.0	109.21	54	5/11/2013
Last Casing String					
PRODUCTION, 14,076.0ftKB					
Status at 6 AM		24 Hour Forecast			
POOH W/ SETTING TOOL & PLUG		POOH			

Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	07:15	1.25	TRAVEL	ACTIVE	TRAVEL TO LOCATION
07:15	07:30	0.25	SAFETY	ACTIVE	PRE JOB SAFETY MTG
07:30	08:45	1.25	SHUTDOWN	ACTIVE	WAITING ON WEATHERFORD PACKER
08:45	09:00	0.25	BHA	ACTIVE	PU & MU WEATHERFORD INFLATABLE 3 7/8 PACKER
09:00	11:30	2.50	RUNCOM	ACTIVE	RIH W/ PKR
11:30	12:45	1.25	LKOFF	ACTIVE	ON DEPTH W/PKR, 7,227", RU ESCO PUMP TRK & PUMP 10 BBLS, DROP BALL AND WAIT 20 MIN, PUMP & SEAT BALL BRING PSI TO 500, WAIT 5-MIN, BRING UP TO 1000 PSI, WAIT 5-MIN, SET 5K IN COMPRESSION ON PKR, BRING PSI TO 1500, SET 5K MORE ON PKR, BRING PSI TO 2600 AND PKR INFLATED, BLED PSI OFF TBG AND RU ON ANNULUS, SET 25K DOWN ON PKR, BROUGHT PSI SLOWLY TO 2500 PSI, FOUND THAT PUMP WAS LEAKING, PUT PSI GUAGE AT WELLHEAD TO ISOLATE, BROUGHT PSI TO 2800 AND PKR GAVE WAY
12:45	15:45	3.00	PULCOM	ACTIVE	POOH W/PKR
15:45	16:15	0.50	BHA	ACTIVE	LD WEATERFORD INFLATABLE PKR, PU & MU W/ 3.75" BIT
16:15	20:00	3.75	RUNCOM	ACTIVE	ON DEPTH W/ BIT, 9128'
20:00	22:00	2.00	CIRC	ACTIVE	PUMP 50 BBL SWEEP AND CIRCULATE OUT REVERSING
22:00	02:00	4.00	PULCOM	ACTIVE	PULL OUT OF HOLE
02:00	02:15	0.25	BHA	ACTIVE	LD BIT 7& PU MAGNUM SETTING TOOL & 3.92" PLUG
02:15	06:00	3.75	RUNCOM	ACTIVE	RIH TO 7140' AND TAGGING UP, WILL PULL OUT OF HOLE



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Partner Report

Report # 55 Date: 5/12/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541602	Latitude (°) 31° 4' 4.214" N	Longitude (°) 101° 1' 6.19" W	Ground Elev... 2,523.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,548.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,153.0	Authorized Depth TVD (ftKB)	API/UWI 4210541602
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Costs

WBS Number 01-03269.01;01-03269.02;01-03269.03;01-03269.04;01-03269.05	Planned Days (days) 46.00	Daily Cost (Cost) \$30,893	Cum To Date (Cost) \$6,665,643	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%) 100.0
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	13.73	\$0	\$1,204,191	\$1,590,000	\$385,809
COMPLETION	40.10	\$30,893	\$5,461,452	\$4,797,520	(\$663,932)

Daily Operations

Rig					
ENERGY SERVICE, 238					
Drilled Last 24 Hours (ft)	End Depth (ftKB)	End Depth (TVD) (ftKB)	DFS (days)	Report Number	Report End Date
0.00	14,076.0	6,265.0	110.21	55	5/12/2013

Last Casing String PRODUCTION, 14,076.0ftKB
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Status at 6 AM SDFWE	24 Hour Forecast SDFWE
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Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	08:30	2.50	PULCOM	ACTIVE	POOH W/ MAGNUM SETTING TOOL & PLUG
08:30	09:00	0.50	BHA	ACTIVE	LD MAGNUM SETTING TOOL, NOTHING LEFT IN HOLE, SWI, SECURE WELL
09:00	06:00	21.00	SHUTDOWN	ACTIVE	SDFWE



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Wellbore Name: OH

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Partner Report

Report # 56 Date: 5/13/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541602	Latitude (°) 31° 4' 4.214" N	Longitude (°) 101° 1' 6.19" W	Ground Elev... 2,523.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,548.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,153.0	Authorized Depth TVD (ftKB)	API/UWI 4210541602
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Costs

WBS Number 01-03269.01;01-03269.02;01-03269.03;01-03269.04;01-03269.05	Planned Days (days) 46.00	Daily Cost (Cost) \$34,372	Cum To Date (Cost) \$6,700,015	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%) 100.0
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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	13.73	\$0	\$1,204,191	\$1,590,000	\$385,809
COMPLETION	41.10	\$34,372	\$5,495,824	\$4,797,520	(\$698,304)

Daily Operations

Rig					
ENERGY SERVICE, 238					
Drilled Last 24 Hours (ft)	End Depth (ftKB)	End Depth (TVD) (ftKB)	DFS (days)	Report Number	Report End Date
0.00	14,076.0	6,265.0	111.21	56	5/13/2013

Last Casing String PRODUCTION, 14,076.0ftKB
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Status at 6 AM SHUT IN	24 Hour Forecast EVALUATING OPTIONS
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Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	08:00	2.00	SHUTDOWN	ACTIVE	NO ACTIVITY.
08:00	11:30	3.50	RUNCOM	ACTIVE	RIH W/ 3 7/8" BIT, 4.15" STRING MILL, AND 231 JTS 2 7/8" P-H 6 TBG. TAGED BOTTOM DISC IN CSG PATCH @ 7,167'. MILLED THOUGH PATCH.
11:30	12:30	1.00	CIRC	ACTIVE	PUMPED SWEEP AND CIRCULATED CLEAN.
12:30	16:00	3.50	PULCOM	ACTIVE	POOH W/ 232 JTS,MILL AND BIT.
16:00	21:00	5.00	RUNCOM	ACTIVE	RIH W/ MAGNUM 3.92" CBP & SETTING TOOL ON 294 JTS. SET PACKER @ 9,140'. PUH & RU TO TEST CSG. PUMPED IN WELL @ 4,000 PSI AT 1.5 BPM. AT SHUT DOWN LOST 2,000 PSI IN ONE MIN. WENT BACK DOWN AND TAGGED PLUG TO CONFIRM SET.
21:00	00:00	3.00	PULCOM	ACTIVE	POOH W/ WS AND SETTING TOOLS. SWI SDFN.
00:00	06:00	6.00	SHUTDOWN	ACTIVE	NO ACTIVITY.



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Wellbore Name: OH

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Partner Report

Report # 56 Date: 5/14/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541602	Latitude (°) 31° 4' 4.214" N	Longitude (°) 101° 1' 6.19" W	Ground Elev... 2,523.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,548.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,153.0	Authorized Depth TVD (ftKB)	API/UWI 4210541602
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Costs

WBS Number 01-03269.01;01-03269.02;01-03269.03;01-03269.04;01-03269.05	Planned Days (days) 46.00	Daily Cost (Cost) \$34,372	Cum To Date (Cost) \$6,700,015	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%) 100.0
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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	13.73	\$0	\$1,204,191	\$1,590,000	\$385,809
COMPLETION	41.10	\$34,372	\$5,495,824	\$4,797,520	(\$698,304)

Daily Operations

Rig					
ENERGY SERVICE, 238					
Drilled Last 24 Hours (ft)	End Depth (ftKB)	End Depth (TVD) (ftKB)	DFS (days)	Report Number	Report End Date
0.00	14,076.0	6,265.0	112.21	56	5/14/2013

Last Casing String PRODUCTION, 14,076.0ftKB
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Status at 6 AM SHUT IN	24 Hour Forecast EVALUATING OPTIONS
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Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	08:00	2.00	SHUTDOWN	ACTIVE	NO ACTIVITY.
08:00	11:30	3.50	RUNCOM	ACTIVE	RIH W/ 3 7/8" BIT, 4.15" STRING MILL, AND 231 JTS 2 7/8" P-H 6 TBG. TAGED BOTTOM DISC IN CSG PATCH @ 7,167'. MILLED THOUGH PATCH.
11:30	12:30	1.00	CIRC	ACTIVE	PUMPED SWEEP AND CIRCULATED CLEAN.
12:30	16:00	3.50	PULCOM	ACTIVE	POOH W/ 232 JTS,MILL AND BIT.
16:00	21:00	5.00	RUNCOM	ACTIVE	RIH W/ MAGNUM 3.92" CBP & SETTING TOOL ON 294 JTS. SET PACKER @ 9,140'. PUH & RU TO TEST CSG. PUMPED IN WELL @ 4,000 PSI AT 1.5 BPM. AT SHUT DOWN LOST 2,000 PSI IN ONE MIN. WENT BACK DOWN AND TAGGED PLUG TO CONFIRM SET.
21:00	00:00	3.00	PULCOM	ACTIVE	POOH W/ WS AND SETTING TOOLS. SWI SDFN.
00:00	06:00	6.00	SHUTDOWN	ACTIVE	NO ACTIVITY.



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Wellbore Name: OH

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Partner Report

Report # 57 Date: 5/15/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541602	Latitude (°) 31° 4' 4.214" N	Longitude (°) 101° 1' 6.19" W	Ground Elev... 2,523.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,548.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,153.0	Authorized Depth TVD (ftKB)	API/UWI 4210541602
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Costs

WBS Number 01-03269.01;01-03269.02;01-03269.03;01-03269.04;01-03269.05	Planned Days (days) 46.00	Daily Cost (Cost) \$12,606	Cum To Date (Cost) \$6,712,621	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%) 100.0
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	13.73	\$0	\$1,204,191	\$1,590,000	\$385,809
COMPLETION	42.10	\$12,606	\$5,508,430	\$4,797,520	(\$710,910)

Daily Operations

Rig					
ENERGY SERVICE, 238					
Drilled Last 24 Hours (ft)	End Depth (ftKB)	End Depth (TVD) (ftKB)	DFS (days)	Report Number	Report End Date
0.00	14,076.0	6,265.0	113.21	57	5/15/2013

Last Casing String PRODUCTION, 14,076.0ftKB
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Status at 6 AM SHUT IN	24 Hour Forecast RIH W/ WIRELINE, TRACTOR
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Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	14:00	8.00	INACTIVE	INACTIVE	WAITING ON TRACTOR.
14:00	06:00	16.00	SHUTDOWN	ACTIVE	NO ACTIVITY.



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Wellbore Name: OH

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Partner Report

Report # 58 Date: 5/16/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541602	Latitude (°) 31° 4' 4.214" N	Longitude (°) 101° 1' 6.19" W	Ground Elev... 2,523.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,548.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,153.0	Authorized Depth TVD (ftKB)	API/UWI 4210541602
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Costs

WBS Number 01-03269.01;01-03269.02;01-03269.03;01-03269.04;01-03269.05	Planned Days (days) 46.00	Daily Cost (Cost) \$45,276	Cum To Date (Cost) \$6,757,897	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%) 100.0
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	13.73	\$0	\$1,204,191	\$1,590,000	\$385,809
COMPLETION	43.10	\$45,276	\$5,553,706	\$4,797,520	(\$756,186)

Daily Operations

Rig ENERGY SERVICE, 238					
Drilled Last 24 Hours (ft)	End Depth (ftKB)	End Depth (TVD) (ftKB)	DFS (days)	Report Number	Report End Date
0.00	14,076.0	6,265.0	114.21	58	5/16/2013

Last Casing String PRODUCTION, 14,076.0ftKB
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Status at 6 AM SHUT IN	24 Hour Forecast TEST CSG
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Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	09:00	3.00	SHUTDOWN	ACTIVE	NO ACTIVITY
09:00	12:00	3.00	RIGU	ACTIVE	RU CDK WIRELINE AND WELLTECH TRACTOR.
12:00	17:00	5.00	WIRELINE	ACTIVE	RIH W/ COLLAR LOCATOR AND TRACTOR TO 7,500'. LOG UP TO 5,350' CORRELATING MARKER JT TO HES BOND LOG. FOUND PATCH TO BE @ 7,138 TO 7,176'. MADE TWO RUNS. POOH W/ TRACTOR. RD CDK WIRELINE. SWI SDFN.
17:00	06:00	13.00	SHUTDOWN	ACTIVE	NO ACTIVITY.



UNIVERSITY 52-10 7H
Wellbore Name: OH

WEST UNRESTRICTED
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Partner Report

Report # 59 Date: 5/17/2013 06:00

District	County	Field Name		Project Group		State/Province	
PERMIAN BASIN	CROCKETT	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)
S 10, BLK 52, ULS	4210541602	31° 4' 4.214" N	101° 1' 6.19" W	2,523.00	25.00	2,548.00	

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,153.0	Authorized Depth TVD (ftKB)	API/UWI 4210541602
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Costs

WBS Number 01-03269.01;01-03269.02;01-03269.03;01-03269.04;01-03269.05	Planned Days (days) 46.00	Daily Cost (Cost) \$13,803	Cum To Date (Cost) \$6,771,700	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%) 100.0
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	13.73	\$0	\$1,204,191	\$1,590,000	\$385,809
COMPLETION	44.10	\$13,803	\$5,567,509	\$4,797,520	(\$769,989)

Daily Operations

Rig					
ENERGY SERVICE, 238					
Drilled Last 24 Hours (ft)	End Depth (ftKB)	End Depth (TVD) (ftKB)	DFS (days)	Report Number	Report End Date
0.00	14,076.0	6,265.0	115.21	59	5/17/2013
Last Casing String					
PRODUCTION, 14,076.0ftKB					
Status at 6 AM			24 Hour Forecast		
SHUT IN			RIH W/ CAMERA		

Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	07:30	1.50	SHUTDOWN	ACTIVE	NO ACTIVITY.
07:30	12:00	4.50	RUNCOM	ACTIVE	RIH W/ WEATHERFORD 5 1/2" HD COMPRESSION PACKER. TAG TOP OF PATCH @ 7,138'. PUAH AND SET PACKER @ 7,130'. PUMPED INTO CSG 1.3 BPM AND 3,400 PSI. MOVED PACKER TO 7,117 TO GET ABOVE CSG COLLAR, STILL NO TEST SAME INJECTION RATE AND PRESSURE. PUAH W/ PACKER TO 7,085' GOT GOOD 5,000 PSI TEST FOR 5 MIN. MOVED PACKER TO 7,120, NO TEST. HOOKED PUMP TRUCK UP TO TBG. TESTED DOWN TBG FROM 7,120 TO 9,140. TESTED GOOD 4,500 PSI FOR 5 MIN. FOUND LEAK TO BE BETWEEN 7,112' AND 7,114'.(CORRELATED TO COLLAR LOG DEPTH).
12:00	15:00	3.00	PULCOM	ACTIVE	POOH W/ 230 JTS AND PACKER.
15:00	17:00	2.00	RUNCOM	ACTIVE	RIH W/ SLICK COLLAR, X- OVER, AND 200 JTS 2 7/8" TBG. EOT @ 6,214'. SWI SDFN.
17:00	06:00	13.00	SHUTDOWN	ACTIVE	NO ACTIVITY.



UNIVERSITY 52-10 7H
Wellbore Name: OH

WEST UNRESTRICTED
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Partner Report

Report # 60 Date: 5/18/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541602	Latitude (°) 31° 4' 4.214" N	Longitude (°) 101° 1' 6.19" W	Ground Elev... 2,523.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,548.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,153.0	Authorized Depth TVD (ftKB)	API/UWI 4210541602
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Costs

WBS Number 01-03269.01;01-03269.02;01-03269.03;01-03269.04;01-03269.05	Planned Days (days) 46.00	Daily Cost (Cost) \$56,153	Cum To Date (Cost) \$6,827,853	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%) 100.0
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	13.73	\$0	\$1,204,191	\$1,590,000	\$385,809
COMPLETION	45.10	\$56,153	\$5,623,662	\$4,797,520	(\$826,142)

Daily Operations

Rig					
ENERGY SERVICE, 238					
Drilled Last 24 Hours (ft)	End Depth (ftKB)	End Depth (TVD) (ftKB)	DFS (days)	Report Number	Report End Date
0.00	14,076.0	6,265.0	116.21	60	5/18/2013
Last Casing String					
PRODUCTION, 14,076.0ftKB					
Status at 6 AM		24 Hour Forecast			
SHUT IN		SDFWE			

Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	08:00	2.00	SHUTDOWN	ACTIVE	NO ACTIVITY.
08:00	09:00	1.00	RUNCOM	ACTIVE	RIH W/ 29 JTS 2 7/8" WS AND 22' 2 7/8" SUBS. EOT @ 7133'. (5' INSIDE PATCH).
09:00	11:00	2.00	RIGU	ACTIVE	RU CDK WIRELINE AND EB DOWN HOLE VIDEO.
11:00	21:00	10.00	RUNCOM	ACTIVE	RIH W/ CAMERA TO END OF TBG. CAMERA NOT ROTATING. PUH 10' LOOK AT TOP OF PATCH, PUH 20' LOOK AT 1ST COLLAR. COULD NOT ROTATE CAMERA DECIDED TO POOH W/ CAMERA TO REPAIR. RUN BACK IN HOLE TO TOP OF PATCH. PULLIN UP 10' AT A TIME TO INSPECT CSG. FOUND SPLIT IN CSG @ 7,097' - 7,099', 10' ABOVE COLLAR 31' ABOVE PATCH. POOH W/ WIRELINE AND CAMERA. POOH W/ 15 JTS 2 7/8" WS LEAVING 199 JTS IN THE HOLE W/ EOT @ 6,179'. SWI SDFWE.
21:00	06:00	9.00	SHUTDOWN	ACTIVE	NO ACTIVITY.



UNIVERSITY 52-10 7H
Wellbore Name: OH

WEST UNRESTRICTED
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Partner Report

Report # 61 Date: 5/21/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)		Project Group PB TEXAS EAST		State/Province TX	
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541602	Latitude (°) 31° 4' 4.214" N	Longitude (°) 101° 1' 6.19" W	Ground Elev... 2,523.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,548.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,153.0	Authorized Depth TVD (ftKB)	API/UWI 4210541602
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Costs

WBS Number 01-03269.01;01-03269.02;01-03269.03;01-03269.04;01-03269.05	Planned Days (days) 46.00	Daily Cost (Cost) \$97,660	Cum To Date (Cost) \$6,925,513	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%) 100.0
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	13.73	\$0	\$1,204,191	\$1,590,000	\$385,809
COMPLETION	46.10	\$97,660	\$5,721,322	\$4,797,520	(\$923,802)

Daily Operations

Rig					
ENERGY SERVICE, 238					
Drilled Last 24 Hours (ft)	End Depth (ftKB)	End Depth (TVD) (ftKB)	DFS (days)	Report Number	Report End Date
0.00	14,076.0	6,265.0	119.21	61	5/21/2013
Last Casing String					
PRODUCTION, 14,076.0ftKB					
Status at 6 AM			24 Hour Forecast		
TIH TO D/O FLOAT IN CSG PATCH			TEST CSG AND D/O CBP.		

Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	07:00	1.00	TRAVEL	ACTIVE	CREW TRAVEL TO LOCATION.
07:00	07:15	0.25	SAFETY	ACTIVE	HELD PRE JOB SAFETY MEETING WITH CREW.
07:15	08:45	1.50	TRIP	ACTIVE	TOOH STANDING BACK 100 STANDS OF 2-7/8" PH6 WS.
08:45	11:00	2.25	TRIP	ACTIVE	PU BRIDGEPORT FISHING & RENTAL 4.76" STRING MILL AND TIH WITH 230 JTS TO 7,115' FOR CLEAN OUT RUN.
11:00	12:30	1.50	CIRC	ACTIVE	RU ESCO PUMP AND PUMP 10 BBL GEL SWEEP AND 150 BBLS OF FW AND BIO TO CIRCULATE WELLBORE CLEAN.
12:30	15:00	2.50	TRIP	ACTIVE	TOOH WITH WS AND STRING MILL OOH WITH ALL TBG AND TOOLS.
15:00	16:30	1.50	RIGU	ACTIVE	MIRU BYRD CSG CREW TO RUN 5-1/2" CHL. CHANGE OUT TBG SLIPS FROM 2-7/8" TO 2-3/8".
16:30	21:30	5.00	TRIP	ACTIVE	PU ENVENTURE 4-1/4" X 5-1/2" 17# CHL AND TIH WITH 113 STANDS FROM DERRICK AND I SINGLE FROM RACKS TO 7,128'. TAGGED PATCH 1 AT 7,128'.
21:30	00:30	3.00	PATCH	ACTIVE	ON DEPTH W/PATCH, AT 7,128' RU ESCO PUMP TRUCK AND TEST PUMP & LINE TO 5,000 PSI. GOOD TEST. PUMP 45 BBLS OF FW AND BIO DOWN 2-7/8" TBG TO BE SURE TBG IS CLEAR OF ALL TRASH. SD AND DROP BALL & LET FALL 20 MIN, PUMP FW DOWN TBG AT 1 BPM TO SEAT BALL.THE BALL SEATED BROUGHT TBG PRESSURE TO 4,500 PSI. STARTED WORKING EXPANSION CONE THRU CHL TO SET PATCH. PULLED EXPANSION CONE ALL THE WAY THRU CHL. PATCH SET. TOP OF CHL (PATCH) @7,055'-7,128'.TESTED FLOAT IN CHL TO 4,000 PSI. GOOD TEST.
00:30	04:00	3.50	TRIP	ACTIVE	TOOH WITH WS AND SETTING TOOLS. OOH WITH ALL TBG AND SETTING TOOLS.
04:00	06:00	2.00	TRIP	ACTIVE	PU 3.75" BIT AND 4.125 STRING MILL THEN TIH TO D/O FLOAT IN CHL.



UNIVERSITY 52-10 7H
Wellbore Name: OH

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Partner Report

Report # 62 Date: 5/22/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)		Project Group PB TEXAS EAST		State/Province TX	
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541602	Latitude (°) 31° 4' 4.214" N	Longitude (°) 101° 1' 6.19" W	Ground Elev... 2,523.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,548.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,153.0	Authorized Depth TVD (ftKB)	API/UWI 4210541602
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Costs

WBS Number 01-03269.01;01-03269.02;01-03269.03;01-03269.04;01-03269.05	Planned Days (days) 46.00	Daily Cost (Cost) \$22,960	Cum To Date (Cost) \$6,997,227	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%) 100.0
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	13.73	\$0	\$1,204,191	\$1,590,000	\$385,809
COMPLETION	47.10	\$22,960	\$5,793,036	\$4,797,520	(\$995,516)

Daily Operations

Rig					
ENERGY SERVICE, 238					
Drilled Last 24 Hours (ft)	End Depth (ftKB)	End Depth (TVD) (ftKB)	DFS (days)	Report Number	Report End Date
0.00	14,076.0	6,265.0	120.21	62	5/22/2013
Last Casing String					
PRODUCTION, 14,076.0ftKB					
Status at 6 AM			24 Hour Forecast		
LD TBG			RDMO.		

Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	07:00	1.00	TRIP	ACTIVE	CONTINUE TIH WITH 3-7/8" BIT AND 4.15" STRING MILL TO D/O FLOAT IN CHL.
07:00	07:30	0.50	DRLG	ACTIVE	TAGGED UP ON FLOAT WITH JT 230 (7,128') PU POWER SWIVEL AND D/O FLOAT IN CSG PATCH. CONTINUE WASHING DOWN TO 7,148'.
07:30	08:30	1.00	CIRC	ACTIVE	PUMP 10 BBL GEL SWEEP AND CIRCULATE WELL BORE CLEAN.
08:30	11:00	2.50	TRIP	ACTIVE	TOOH STANDING BACK WS IN DERRICK. OOH WITH ALL TBG. LD BIT AND MILL.
11:00	12:00	1.00	RIGD	ACTIVE	ND 5K BOP AND FRAC VALVE.
12:00	15:00	3.00	CSG	ACTIVE	MIRU RED DIRT RENTALS TO TEST 5-1/2" CSG PATCH. NU TEST SLEEVE. TEST 5-1/2" CSG TO 8,000 PSI. GOOD TEST. RDMO RED DIRT.
15:00	16:00	1.00	RIGU	ACTIVE	NU FRAC VALVE AND 5K BOP. FUNCTION TEST BOP. GOOD TEST.
16:00	20:00	4.00	TRIP	ACTIVE	PU 3-7/8" BIT AND TIH WITH 145 STANDS OUT OF THE DERRICK. THEN PICK 4 JTS OFF THE RACKS. TAGGED UP ON CBP AT 9,140'.
20:00	22:30	2.50	DRLG	ACTIVE	RU BRIDGEPORT FISHING & RENTAL POWER SWIVEL AND D/O CBP AT 9,140 WITH JT 295. DRILLED OUT CBP IN 2 HOURS.
22:30	00:00	1.50	DRLG	ACTIVE	CONTINUE WASHING AND DRILLING CBP TO CBP 2 AT 9,154'. TAGGED CBP 2 WITH JT 295 (9,154'). DRILLED PLUG IN 1 HR.
00:00	01:30	1.50	CIRC	ACTIVE	DRILLED DOWN TO 9,250' WITH JT 298. PUMPED TWO 10 BBL GEL SWEEPS AND CIRCULATE WELLBORE CLEAN.
01:30	06:00	4.50	TRIP	ACTIVE	RD SWIVEL AND TOOH WITH WS.



UNIVERSITY 52-10 7H
Wellbore Name: OH

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Partner Report

Report # 62 Date: 7/8/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541602	Latitude (°) 31° 4' 4.214" N	Longitude (°) 101° 1' 6.19" W	Ground Elev... 2,523.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,548.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,153.0	Authorized Depth TVD (ftKB)	API/UWI 4210541602
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Costs

WBS Number 01-03269.01;01-03269.02;01-03269.03;01-03269.04;01-03269.05	Planned Days (days) 46.00	Daily Cost (Cost) \$15,300	Cum To Date (Cost) \$5,073,636	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%) 100.0
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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	13.73	\$0	\$1,204,191	\$1,590,000	\$385,809
COMPLETION	47.10	\$15,300	\$3,869,445	\$4,797,520	\$928,075

Daily Operations

Rig

Drilled Last 24 Hours (ft) 0.00	End Depth (ftKB) 14,076.0	End Depth (TVD) (ftKB) 6,265.0	DFS (days) 167.21	Report Number 62	Report End Date 7/8/2013
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Last Casing String PRODUCTION, 14,076.0ftKB
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Status at 6 AM FRAC STAGE 20	24 Hour Forecast CONT TO FRAC
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Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	06:00	24.00	RIGU	ACTIVE	RU TRICAN FRAC CREW AND API PERFORATERS AND ALL OTHER VENDORS TO RESTART FRAC PROCESS

**UNIVERSITY 52-10 7H**

Wellbore Name: OH

WEST UNRESTRICTED**CONFIDENTIAL****Partner Report****Report # 63 Date: 7/9/2013 06:00**

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541602	Latitude (°) 31° 4' 4.214" N	Longitude (°) 101° 1' 6.19" W	Ground Elev... 2,523.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,548.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,153.0	Authorized Depth TVD (ftKB)	API/UWI 4210541602
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Costs

WBS Number 01-03269.01;01-03269.02;01-03269.03;01-03269.04;01-03269.05	Planned Days (days) 46.00	Daily Cost (Cost) \$109,697	Cum To Date (Cost) \$5,183,333	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%) 100.0
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	13.73	\$0	\$1,204,191	\$1,590,000	\$385,809
COMPLETION	48.10	\$109,697	\$3,979,142	\$4,797,520	\$818,378

Daily Operations

Rig											
Drilled Last 24 Hours (ft)	0.00	End Depth (ftKB)	14,076.0	End Depth (TVD) (ftKB)	6,265.0	DFS (days)	168.21	Report Number	63	Report End Date	7/9/2013
Last Casing String PRODUCTION, 14,076.0ftKB											
Status at 6 AM						24 Hour Forecast SET CBP AND TEST PRODUCTION CASING					

Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	17:30	11.50	SHUTDOWN	ACTIVE	WAIT ON COMPLETION OF FRAC ON #8
17:30	19:30	2.00	STIM	ACTIVE	RU TRICAN STIM CREW,CHEMICALS & SELECT WTR TRANSFER TO FRAC STG 20 PERFS @ 9,190'-9,9,372' (48 HOLES) W/ 3,000 GAL 7.5% HCL ACID,218,390 GAL OF SLICK WATER, 99,750 LBS PREMIUM 100 MESH & 127,750 LBS PREMIUM 40/70 SAND & STS TRACER, STINGER WHIT, DOWN 5-1/2" 17# P110 GRADE CSG @ 80 BPM. OWHP=344 PSI FORMATION BROKE DOWN AT 3,486 PSI @ 10 BPM PUMPED 2,000 GALS 7.5% HCL ACID MAX PRESSURE=6,899 PSI AVG PRESSURE= 4,385 PSI AVG RATE= 72 BPM ISIP= 2,319 PSI FG= 0.80 PSI/FT CLEAN FLUID TTL= 5,195 BBLS 100 MESH TTL= 100,040 LBS 40/70 OTTAWA SAND TTL= 126,460 LBS
19:30	00:00	4.50	PERF	ACTIVE	RIH W/MAGNUM LONG RANGE 5-1/2" CFP & 4 EA API 3 1/8" PERF GUNS. PUMPED PLUG AND GUNS AND STACKED OUT AT 6,691'. SECOND ATTEMPT SAT DOWN AT 6,658' AND THIRD ATTEMPT AT 6,667'. POOH. SAFETY MEETING ON POOH WITH LIVE GUNS. LD PLUG AND GUNS. NO DAMAGE OBSERVED AND NO RESIDUAL SAND NOTED ON/IN PLUG OR GUNS. USED 150 BBL FRESH WATER DURING PUMP DOWN.
00:00	00:30	0.50	STIM	ACTIVE	PUMPED 275 BBL SLICKWATER TO FLUSH TO PERFS AT 51 BPM AT 5,200 PSI. ISIP 1,910 PSI.
00:30	02:30	2.00	PERF	ACTIVE	RIH W/MAGNUM LONG RANGE 5-1/2" CFP & 4 EA API 3 1/8" PERF GUNS. PUMPED PLUG AND GUNS AND STACKED OUT AT 6,658'. POOH, SAFETY MEETING LIVE GUNS. NO DAMAGE ON PLUG. USED 150 BBL FRESH WATER DURING PUMP DOWN.
02:30	04:30	2.00	INACTIVE	INACTIVE	W/O WELL TEC TRACTOR.
04:30	06:00	1.50	RIGU	ACTIVE	WELL TEC ON LOCATION. PU EXTRA LUBRICATOR AND SET UP TRACTOR.



UNIVERSITY 52-10 7H
Wellbore Name: OH

WEST UNRESTRICTED
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Partner Report

Report # 64 Date: 7/10/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541602	Latitude (°) 31° 4' 4.214" N	Longitude (°) 101° 1' 6.19" W	Ground Elev... 2,523.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,548.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,153.0	Authorized Depth TVD (ftKB)	API/UWI 4210541602
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Costs

WBS Number 01-03269.01;01-03269.02;01-03269.03;01-03269.04;01-03269.05	Planned Days (days) 46.00	Daily Cost (Cost) \$51,688	Cum To Date (Cost) \$5,235,021	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%) 100.0
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	13.73	\$0	\$1,204,191	\$1,590,000	\$385,809
COMPLETION	49.10	\$51,688	\$4,030,830	\$4,797,520	\$766,690

Daily Operations

Rig											
Drilled Last 24 Hours (ft)	0.00	End Depth (ftKB)	14,076.0	End Depth (TVD) (ftKB)	6,265.0	DFS (days)	169.21	Report Number	64	Report End Date	7/10/2013
Last Casing String											
PRODUCTION, 14,076.0ftKB											
Status at 6 AM						24 Hour Forecast					
WAIT ON CT REPAIR						DRILL OBSTRUCTION IN 3RD PATCH LINER.					

Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	07:45	1.75	BHA	ACTIVE	MU TRACTOR, SURFACE TEST TRACTOR, WORKING GOOD, MU GUNS & PLUG
07:45	10:45	3.00	PERF	ACTIVE	RIH W/WELLTEC TRACTOR,MAGNUM LONG RANGE 5-1/2" CBP & 4 EA API 3 1/8" PERF GUNS, TIED IN W/MARKER JT @ 5,512', STARTED TRACTOR @ 6,600', GOT THROUGH 1ST PATCH FROM 7,055'-7,129 , STOPPED MOVING @ 7,138' WHICH IS THE BOTTOM OF THE PLUG, TRIED 3 TIMES PULLING UP AND TAGGED UP AT SAME DEPTH, POOH HOLE W/TRACTOR,GUNS & PLUG, INSPECT TOOLS & MOVE TO # 8 WELL
10:45	13:15	2.50	RIGD	ACTIVE	RD TRICAN RISERS & RD OIL STATES ISOLATION TOOL, PREPARE FOR COIL TBG UNIT TO MOVE IN
13:15	17:00	3.75	SHUTDOWN	ACTIVE	WAIT ON IPS COIL UNIT
17:00	22:00	5.00	RIGU	ACTIVE	RU 2 3/8" IPS COIL UNIT
22:00	06:00	8.00	SHUTDOWN	ACTIVE	RU AND ATTEMPT TEST. LEAK IN TUBING IN INJECTOR HEAD. FOUND CRUSH ON COIL WITH SPLIT. CUT OFF 150' AND CALLED FOR WELDER. NONE IMMEDIATELY AVAILABLE, WILL ADVISE WHEN AVAILABLE.



UNIVERSITY 52-10 7H
Wellbore Name: OH

WEST UNRESTRICTED
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Partner Report

Report # 65 Date: 7/11/2013 06:00

District	County	Field Name		Project Group		State/Province	
PERMIAN BASIN	CROCKETT	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)
S 10, BLK 52, ULS	4210541602	31° 4' 4.214" N	101° 1' 6.19" W	2,523.00	25.00	2,548.00	

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,153.0	Authorized Depth TVD (ftKB)	API/UWI 4210541602
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Costs

WBS Number 01-03269.01;01-03269.02;01-03269.03;01-03269.04;01-03269.05	Planned Days (days) 46.00	Daily Cost (Cost) \$105,969	Cum To Date (Cost) \$5,300,493	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%) 100.0
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	13.73	\$0	\$1,204,191	\$1,590,000	\$385,809
COMPLETION	50.10	\$105,969	\$4,096,302	\$4,797,520	\$701,218

Daily Operations

Rig					
Drilled Last 24 Hours (ft) 0.00	End Depth (ftKB) 14,076.0	End Depth (TVD) (ftKB) 6,265.0	DFS (days) 170.21	Report Number 65	Report End Date 7/11/2013
Last Casing String PRODUCTION, 14,076.0ftKB					
Status at 6 AM MOVING CT TO ULS 52-10 8H			24 Hour Forecast PUMP DOWN PLUG/GUNS. PERF STG 21.		

Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	15:00	9.00	SHUTDOWN	ACTIVE	WAITING ON WELDER
15:00	18:00	3.00	BHA	ACTIVE	WELD THE COIL 2.875" CONNECTOR TO THE IPS 2 3/8" COIL WITH FIRE WATCH, GAS SNIFFER AND HOT WORK PERMIT. LET COOL 30 MIN & PULL TEST TO 30K , TESTED GOOD. MU OLD SCHOOL DUAL 2.875" FLAPPER CHECK VALVE, 2.875" JARS, 2.875" DISCONNECT, 2.88" CIRC SUB, 2.88" AGITATOR, 2.88" MOTOR, 3.5" MILL, RU TO WELLHEAD & TEST LINES TO 4500 PSI
18:00	00:00	6.00	RUNCOM	ACTIVE	RIH TO 5,700' CTM AT 1.5 BPM I/O WITH 1400 PSI CIRC PSI AND 400 PSI WHP. WEIGHT CHECK. CIH AT 2.5 BPM I/O WITH 2900 PSI CIRC AND 950 PSI WHP. LIGHT TAG AT 6,200' CTM. WORKED THROUGH SEVERAL TIMES TO CLEAR. CIH TO 7115' CTM AND TAGGED SOLID WITH 2500 # WEIGHT. MILLED 5' OBSTRUCTION IN 3 MINUTES. WORKED THROUGH SEVERAL TIMES, SAW NO FURTHER INDICATION OF RESISTANCE. PUMPED 10 BBL SWEEP AND SHORT TRIPPED TO VERTICAL AT 5600'. RBIH TO TOP PERF AT 9,190' CTM WITH NO SIGN OF OBSTRUCTION AND WAITED FOR SWEEP TO EXIT CT. POOH, LD MOTOR AND MILL. MILL HAD LIGHT WEAR ON OUTSIDE LEADING EDGE OF CUTTING EDGE AND LIGHT WEAR ON TOP OF DRESSED SMOOTH CUTRITE AT TOP OF WATER COURSE.
00:00	00:00		RUNCOM	ACTIVE	PU/MU 3.75" GR BHA CONSISTING OF 2.75" WELD ON CONNECTOR, 2.875" DUAL FLAPPER CHECK, 2.875" JARS, 2.875" DISCONNECT, 3.75" GUAGE RING 2.88" NOZZLE. RIH TO 9,190' CTM WITH POSSIBLE SLIGHT BOBBLE AT 7,118' CTM. RAN THROUGH SEVERAL TIMES WITH NO FURTHER OBSTRUCTION. POOH.



UNIVERSITY 52-10 7H
Wellbore Name: OH

WEST UNRESTRICTED
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Partner Report

Report # 66 Date: 7/12/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541602	Latitude (°) 31° 4' 4.214" N	Longitude (°) 101° 1' 6.19" W	Ground Elev... 2,523.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,548.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,153.0	Authorized Depth TVD (ftKB)	API/UWI 4210541602
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Costs

WBS Number 01-03269.01;01-03269.02;01-03269.03;01-03269.04;01-03269.05	Planned Days (days) 46.00	Daily Cost (Cost) \$46,269	Cum To Date (Cost) \$5,363,094	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%) 100.0
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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	13.73	\$0	\$1,204,191	\$1,590,000	\$385,809
COMPLETION	51.10	\$46,269	\$4,158,903	\$4,797,520	\$638,617

Daily Operations

Rig					
Drilled Last 24 Hours (ft)	End Depth (ftKB)	End Depth (TVD) (ftKB)	DFS (days)	Report Number	Report End Date
0.00	14,076.0	6,265.0	171.21	66	7/12/2013

Last Casing String
PRODUCTION, 14,076.0ftKB

Status at 6 AM WSI	24 Hour Forecast PUMP DOWN PLUG/GUNS. PERF STG 21.
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Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	07:00	1.00	RIGD	ACTIVE	RD IPS COIL UNIT & MOVE TO THE #8H
07:00	06:00	23.00	SHUTDOWN	ACTIVE	SWI AND WILL PUMPDOWN TOMORROW IN THE AM



UNIVERSITY 52-10 7H
Wellbore Name: OH

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Partner Report

Report # 67 Date: 7/13/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541602	Latitude (°) 31° 4' 4.214" N	Longitude (°) 101° 1' 6.19" W	Ground Elev... 2,523.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,548.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,153.0	Authorized Depth TVD (ftKB)	API/UWI 4210541602
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Costs

WBS Number 01-03269.01;01-03269.02;01-03269.03;01-03269.04;01-03269.05	Planned Days (days) 46.00	Daily Cost (Cost) \$89,225	Cum To Date (Cost) \$5,452,319	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%) 100.0
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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	13.73	\$0	\$1,204,191	\$1,590,000	\$385,809
COMPLETION	52.10	\$89,225	\$4,248,128	\$4,797,520	\$549,392

Daily Operations

Rig											
Drilled Last 24 Hours (ft)	0.00	End Depth (ftKB)	14,076.0	End Depth (TVD) (ftKB)	6,265.0	DFS (days)	172.21	Report Number	67	Report End Date	7/13/2013
Last Casing String											
PRODUCTION, 14,076.0ftKB											
Status at 6 AM						24 Hour Forecast					

Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	06:30	0.50	SHUTDOWN	ACTIVE	WSI, NO ACTIVITY
06:30	08:00	1.50	TRAVEL	ACTIVE	TRAVEL TO LOCATION
08:00	09:30	1.50	RIGU	ACTIVE	MIRU API WL, PUMPCO PUMPS, MU 4 EA API 3 1/8" GUNS & MAGNUM LONG RANGE 5 1/2" CBP
09:30	13:00	3.50	PERF	ACTIVE	RIH W/MAGNUM LONG RANGE 5-1/2" CFP & 4 EA API 3 1/8" PERF GUNS. PUMPED PLUG AND GUNS AND PRESSURED OUT AT 7,138'. PULLED UP, AND PLUG STUCK @ 7,138', WORKED WL, TRIED PUMPING AGAIN AND IT PRESSURED OUT TO 5000 PSI, PULLED TENSION AND SET PLUG @ 7,138', POOH W/GUNS AND SETTING TOOL, USED 108 BBL FRESH WATER DURING PUMP DOWN.
13:00	14:30	1.50	RIGD	ACTIVE	RD WL, TEST PLUG W/PUMPCO PUMPS TO 5000 PSI, PRESSURED UP TO 5000 PSI AND THEN IT FELL TO 1400 PSI, MONITERED FOR 5 MIN, PSI @ 1380, RD PUMPCO.
14:30	16:30	2.00	SHUTDOWN	ACTIVE	WAIT ON IPS COIL UNIT
16:30	17:45	1.25	RIGU	ACTIVE	IPS 2 3/8" COIL UNIT HAD TO CUT PIPE OFF DUE TO FLAT SPOT IN TBG ABOVE THE CONNECTOR, HAD TO WELD NEW COIL CONNECTOR ON, KEPT COIL UNIT ON EDGE OF LOCATION, HAD GAS SNIFFER AND FIRE WATCH DURING WELDING PROCESS, WAIT 30 MIN TO COOL DOWN, PULL TESTED TO 30,000#, GOOD TEST. RU COIL UNIT
17:45	19:00	1.25	RIGU	ACTIVE	RU 2 3/8" COIL UNIT TO WELLHEAD
19:00	19:30	0.50	BHA	ACTIVE	MU OLD SCHOOL DUAL 2.875" FLAPPER CHECK VALVE, 2.875" JARS, 2.875" DISCONNECT, 2.88" CIRC SUB, 2.88" AGITATOR, 2.88" MOTOR, 2.875" X-OVER, 4" JZ BIT, RU TO WELLHEAD & TEST LINES TO 4500 PSI, GOOD TEST
19:30	01:00	5.50	DRLG	ACTIVE	RIH, WT CHECK @ 5,700", TAGGED PLUG @ 7,128' CTM, DO IN 20 MIN, PASSED THROUGH SPOT SEVERAL TIMES, CIH TO 9,190' CIRCULATED 2 SWEEPS, WAITED 6 MIN FOR 2ND SWEEP, THEN SLOWLY POOH KEEPING SWEEPS AHEAD OF BIT,
01:00	02:30	1.50	BHA	ACTIVE	CHANGE OUT BHA, LD MOTOR & BIT, MU 5 1/2" MAGNUM LONG RANGE BRIDGE PLUG & RIH,
02:30	06:00	3.50	RUNCOM	ACTIVE	RIH W/PLUG, TAGGED @ 7,052', PU 200' THEN CONTINUED IN HOLE, ON DEPTH, SET PLUG @ 9,160', TESTED PLUG 2 BPM 1,700 PSI, SD AFTER 10 MIN PSI @ 900. POOH



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Wellbore Name: OH

WEST UNRESTRICTED

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Partner Report

Report # 68 Date: 7/14/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541602	Latitude (°) 31° 4' 4.214" N	Longitude (°) 101° 1' 6.19" W	Ground Elev... 2,523.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,548.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,153.0	Authorized Depth TVD (ftKB)	API/UWI 4210541602
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Costs

WBS Number 01-03269.01;01-03269.02;01-03269.03;01-03269.04;01-03269.05	Planned Days (days) 46.00	Daily Cost (Cost) \$87,330	Cum To Date (Cost) \$5,539,649	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%) 100.0
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	13.73	\$0	\$1,204,191	\$1,590,000	\$385,809
COMPLETION	53.10	\$87,330	\$4,335,458	\$4,797,520	\$462,062

Daily Operations

Rig					
Drilled Last 24 Hours (ft) 0.00	End Depth (ftKB) 14,076.0	End Depth (TVD) (ftKB) 6,265.0	DFS (days) 173.21	Report Number 68	Report End Date 7/14/2013
Last Casing String PRODUCTION, 14,076.0ftKB					
Status at 6 AM WSI			24 Hour Forecast READY TO FRAC STAGE 21		

Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	07:00	1.00	PULCOM	ACTIVE	POOH W/SETTING TOOL
07:00	07:30	0.50	BHA	ACTIVE	LD MAGNUM SETTING TOOL & PU CDK 3 1/8" TCP GUNS 4 EA, 6-SPF,60 DEGREE PHAZING,21 GRAM CHARGE
07:30	11:30	4.00	PERF	ACTIVE	ON DEPTH W/ GUNS, DROP BALL & PUMP DOWN TO SEAT BALL AND FIRE 1ST, GUN @ 9, 130', PULL UP REMAINING GUNS ON TIME DELAY, @ 9,070', 9,010' & 8,950', ALL FIRED, POOH, CONFIRMED ALL FIRED ON SURFACE ALSO.
11:30	12:00	0.50	RIGD	ACTIVE	SWI, RD DOWN COIL UNIT AND MOVE TO THE #8H
12:00	06:00	18.00	SHUTDOWN	ACTIVE	WSI, READY TO FRAC STAGE 21
FLTR - 51,986 BBLS					

**UNIVERSITY 52-10 7H**

Wellbore Name: OH

WEST UNRESTRICTED**CONFIDENTIAL****Partner Report****Report # 69 Date: 7/19/2013 06:00**

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541602	Latitude (°) 31° 4' 4.214" N	Longitude (°) 101° 1' 6.19" W	Ground Elev... 2,523.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,548.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,153.0	Authorized Depth TVD (ftKB)	API/UWI 4210541602
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Costs

WBS Number 01-03269.01;01-03269.02;01-03269.03;01-03269.04;01-03269.05	Planned Days (days) 46.00	Daily Cost (Cost) \$112,255	Cum To Date (Cost) \$5,483,999	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%) 100.0
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	13.73	\$0	\$1,204,191	\$1,590,000	\$385,809
COMPLETION	54.10	\$112,255	\$4,279,808	\$4,797,520	\$517,712

Daily Operations

Rig					
Drilled Last 24 Hours (ft)	End Depth (ftKB)	End Depth (TVD) (ftKB)	DFS (days)	Report Number	Report End Date
0.00	14,076.0	6,265.0	178.21	69	7/19/2013
Last Casing String					
PRODUCTION, 14,076.0ftKB					
Status at 6 AM			24 Hour Forecast		
SI			SI. WAITING ON WOR AFTER FRAC ON 8H TO SET CASING PATCH		

Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	06:30	0.50	SAFETY	ACTIVE	SAFETY MEETING
06:30	10:30	4.00	STIM	ACTIVE	RU TRICAN STIM CREW,CHEMICALS & MK WTR TRANSFER TO FRAC STG #21 PERFS @ 8,950'-9,132' (48 HOLES) W/ 3,000 GAL 7.5% HCL ACID,218,390 GAL OF SLICK WATER, 99,750 LBS PREMIUM 100 MESH & 127,750 LBS PREMIUM 40/70 SAND & STS TRACER, STINGER WHIT, DOWN 5-1/2" 17# P110 GRADE CSG @ 80 BPM. OWHP= 390 FORMATION BROKE DOWN @ 3,650 PSI/11 BPM PUMPED 3,000 GALS 7.5% HCL ACID MAX PSI= 6,804 AVG PSI= 4,689 AVG RATE= 79 BPM ISIP= 2,451 FG= 0.82 PSI/FT CLEAN FLUID TTL= 4,849 BBLS 100 MESH TTL= 99,800 LBS 40/70 OTTAWA SAND TTL= 128,520 LBS
10:30	13:30	3.00	PERF	ACTIVE	RU API WL TO PERF STG #22. COULD NOT PUMP GUNS DOWN PAST 6,686' DUE TO LEAK IN CASING. DID NOT SET CBP OR PERFORATE STG #22. POOH, RECOVERED SETTING TOOL & GUNS. PUMP DOWN VOL=123 BBLS
13:30	06:00	16.50	INACTIVE	INACTIVE	NOTE: DECISION TO SUSPEND FRAC ON THIS WELL UNTIL ANOTHER PATCH CAN BE INSTALLED. FRAC CONTINUES ON 8H. DECISION TO SUSPEND FRAC OPERATIONS ON THIS WELL UNTIL CASING PATCH IS INSTALLED. FRAC CONTINUES ON 8H.



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Wellbore Name: OH

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Partner Report

Report # 70 Date: 8/29/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541602	Latitude (°) 31° 4' 4.214" N	Longitude (°) 101° 1' 6.19" W	Ground Elev... 2,523.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,548.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,153.0	Authorized Depth TVD (ftKB)	API/UWI 4210541602
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Costs

WBS Number 01-03269.01;01-03269.02;01-03269.03;01-03269.04;01-03269.05	Planned Days (days) 46.00	Daily Cost (Cost) \$36,050	Cum To Date (Cost) \$5,520,049	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%) 100.0
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	13.73	\$0	\$1,204,191	\$1,590,000	\$385,809
COMPLETION	55.10	\$36,050	\$4,315,858	\$4,797,520	\$481,662

Daily Operations

Rig											
Drilled Last 24 Hours (ft)	0.00	End Depth (ftKB)	14,076.0	End Depth (TVD) (ftKB)	6,265.0	DFS (days)	219.21	Report Number	70	Report End Date	8/29/2013
Last Casing String											
PRODUCTION, 14,076.0ftKB											
Status at 6 AM						24 Hour Forecast					

Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	23:00	17.00	SHUTDOWN	ACTIVE	WAIT ON EQUIPMENT
23:00	01:00	2.00	RIGU	ACTIVE	MIRU ESCO WOR #236, SET UP HYDRAWALK, PIPE RACKS AND JTS 2 7/8" PH-6 WORKSTRING TBG.
01:00	03:00	2.00	KILLOP	ACTIVE	PUMP 200 BBLs BRINE WATER. FMT. CHARGED UP. PRESSURE INCREASE. SCHEDULED SNUBBERS.
03:00	06:00	3.00	SHUTDOWN	ACTIVE	WAIT ON SNUBBERS



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Wellbore Name: OH

WEST UNRESTRICTED

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Partner Report

Report # 71 Date: 8/30/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541602	Latitude (°) 31° 4' 4.214" N	Longitude (°) 101° 1' 6.19" W	Ground Elev... 2,523.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,548.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,153.0	Authorized Depth TVD (ftKB)	API/UWI 4210541602
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Costs

WBS Number 01-03269.01;01-03269.02;01-03269.03;01-03269.04;01-03269.05	Planned Days (days) 46.00	Daily Cost (Cost) \$50,035	Cum To Date (Cost) \$5,563,239	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%) 100.0
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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	13.73	\$0	\$1,204,191	\$1,590,000	\$385,809
COMPLETION	56.10	\$50,035	\$4,359,048	\$4,797,520	\$438,472

Daily Operations

Rig

Drilled Last 24 Hours (ft) 0.00	End Depth (ftKB) 14,076.0	End Depth (TVD) (ftKB) 6,265.0	DFS (days) 220.21	Report Number 71	Report End Date 8/30/2013
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Last Casing String

PRODUCTION, 14,076.0ftKB

Status at 6 AM

SHIFT CHANGE

24 Hour Forecast

ISOLATE HOLE IN CSG

Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	06:30	0.50	SAFETY	ACTIVE	HELD PRE-JOB SAFETY MEETING
06:30	09:30	3.00	RIGU	ACTIVE	RE-SET CATWALK, PIPE RACKS & 2 7/8" PH-6 WORKSTRING. SICP= 875 PSI. OPENED WELL TO FLOWBACK TANKS, BLEW WELL DOWN TO 0 PSI.
09:30	17:45	8.25	TRIP	ACTIVE	TIH W/ 3 7/8" BIT & 295 JTS 2 7/8" PH-6 WORKSTRING TO 9,146'. DID NOT TAG UP ON ANY FILL. POOH W/ WORKSTRING & BIT.
17:45	01:15	7.50	TRIP	ACTIVE	TIH W/ 3 3/4" MAGNUM CBP & 288 JTS 2 7/8" PH-6 WORKSTRING TO 8,930'.
01:15	02:15	1.00	RUNCOM	ACTIVE	DROPPED BALL IN TBG, RU ESCO PUMP TRUCK. PUMPED BALL DOWN W/ 13 BBLS H2O, BALL SEATED, CBP SET @ 3450 PSI AND DISCONNECTED.
02:15	06:00	3.75	TRIP	ACTIVE	POOH W/ 288 JTS PH-6 WORKSTRING AND SETTING TOOL.



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Wellbore Name: OH

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Partner Report

Report # 72 Date: 8/31/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541602	Latitude (°) 31° 4' 4.214" N	Longitude (°) 101° 1' 6.19" W	Ground Elev... 2,523.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,548.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,153.0	Authorized Depth TVD (ftKB)	API/UWI 4210541602
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Costs

WBS Number 01-03269.01;01-03269.02;01-03269.03;01-03269.04;01-03269.05	Planned Days (days) 46.00	Daily Cost (Cost) \$34,878	Cum To Date (Cost) \$5,598,117	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%) 100.0
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	13.73	\$0	\$1,204,191	\$1,590,000	\$385,809
COMPLETION	57.10	\$34,878	\$4,393,926	\$4,797,520	\$403,594

Daily Operations

Rig					
Drilled Last 24 Hours (ft)	End Depth (ftKB)	End Depth (TVD) (ftKB)	DFS (days)	Report Number	Report End Date
0.00	14,076.0	6,265.0	221.21	72	8/31/2013

Last Casing String PRODUCTION, 14,076.0ftKB
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Status at 6 AM SHUTDOWN	24 Hour Forecast SHUTDOWN
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Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	06:30	0.50	SAFETY	ACTIVE	HELD PRE-JOB SAFETY MEETING
06:30	15:45	9.25	TRIP	ACTIVE	TIH W/ WEATHERFORD COMPRESSION PKR. SET @ 6,726', TEST ANNULUS TO 3,500 PSI, GOOD. PUMP DOWN TBG, LEAKING. RELEASE PKR, TIH TO 7,050', SET PKR. TEST ANNULUS TO 3,500 PSI, GOOD. PUMPED DOWN TBG @ 1.2 BPM 2,450 PSI. INCREASED RATE TO 1.75 BPM, PUMPING INTO LEAK @ 3,300 PSI. DETERMINED LEAK IS IN OR BELOW ICP. CALLED OKC WITH TEST RESULTS. POOH W/ 2 7/8" PH-6 WORKSTRING AND PKR.
15:45	06:00	14.25	SHUTDOWN	ACTIVE	SWI, SECURED BOP AND FRAC VALVE. SDFWE.



UNIVERSITY 52-10 7H

Wellbore Name: OH

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Partner Report

Report # 73 Date: 9/4/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541602	Latitude (°) 31° 4' 4.214" N	Longitude (°) 101° 1' 6.19" W	Ground Elev... 2,523.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,548.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,153.0	Authorized Depth TVD (ftKB)	API/UWI 4210541602
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Costs

WBS Number 01-03269.01;01-03269.02;01-03269.03;01-03269.04;01-03269.05	Planned Days (days) 46.00	Daily Cost (Cost) \$22,050	Cum To Date (Cost) \$5,620,167	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%) 100.0
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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	13.73	\$0	\$1,204,191	\$1,590,000	\$385,809
COMPLETION	58.10	\$22,050	\$4,415,976	\$4,797,520	\$381,544

Daily Operations

Rig

Drilled Last 24 Hours (ft) 0.00	End Depth (ftKB) 14,076.0	End Depth (TVD) (ftKB) 6,265.0	DFS (days) 225.21	Report Number 73	Report End Date 9/4/2013
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Last Casing String

PRODUCTION, 14,076.0ftKB

Status at 6 AM

PREP FOR TCP

24 Hour Forecast

RUN TCP

Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	11:30	5.50	SHUTDOWN	ACTIVE	WAIT ON ORDERS
11:30	06:00	18.50	SHUTDOWN	ACTIVE	SECURE WELL. SCHEDULE TCP. SDFN



UNIVERSITY 52-10 7H
Wellbore Name: OH

WEST UNRESTRICTED
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Partner Report

Report # 74 Date: 9/5/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541602	Latitude (°) 31° 4' 4.214" N	Longitude (°) 101° 1' 6.19" W	Ground Elev... 2,523.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,548.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,153.0	Authorized Depth TVD (ftKB)	API/UWI 4210541602
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Costs

WBS Number 01-03269.01;01-03269.02;01-03269.03;01-03269.04;01-03269.05	Planned Days (days) 46.00	Daily Cost (Cost) \$22,050	Cum To Date (Cost) \$5,642,217	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%) 100.0
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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	13.73	\$0	\$1,204,191	\$1,590,000	\$385,809
COMPLETION	59.10	\$22,050	\$4,438,026	\$4,797,520	\$359,494

Daily Operations

Rig					
Drilled Last 24 Hours (ft)	End Depth (ftKB)	End Depth (TVD) (ftKB)	DFS (days)	Report Number	Report End Date
0.00	14,076.0	6,265.0	226.21	74	9/5/2013

Last Casing String
PRODUCTION, 14,076.0ftKB

Status at 6 AM SHUTDOWN	24 Hour Forecast RDMO. WOF
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Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	07:00	1.00	SAFETY	ACTIVE	HSM
07:00	17:00	10.00	PERF	ACTIVE	MU THE FOLLOWING BHA W/2 7/8" TUBING AND SUBS (GUN #8, 4.9', SUBS, 18', JOINT, 31.79', GUN #7, 6', JOINTS, 63.58', GUN #6, 6', SUBS, 16', JOINT, 31.95, GUN #5, 6', SUBS 22', JOINT, 31.7', GUN #4, 6', JOINTS, 62.85', GUN #3, 6', SUBS, 14', JOINT, 31.8', GUN#2, 6', SUBS, 22', JOINT, 31.9', GUN #1, 6', XO, 1.35') TOTAL BHA LENGTH 425.67'. RIH W/275 JOINTS, TAG PLUG AT 8930'. POOH 2 JOINTS, 273 JOINTS IN WELL, 8452.41', 18' KB, 4' UP. GUNS SET TO FIRE AT 1450 PSI. PRESSURE TO 3000 PSI. POOH LAYING DOWN. ALL SHOTS FIRED. SDFN.
17:00	06:00	13.00	SHUTDOWN	ACTIVE	SDFN



UNIVERSITY 52-10 7H
Wellbore Name: OH

WEST UNRESTRICTED
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Partner Report

Report # 75 Date: 9/6/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541602	Latitude (°) 31° 4' 4.214" N	Longitude (°) 101° 1' 6.19" W	Ground Elev... 2,523.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,548.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,153.0	Authorized Depth TVD (ftKB)	API/UWI 4210541602
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Costs

WBS Number 01-03269.01;01-03269.02;01-03269.03;01-03269.04;01-03269.05	Planned Days (days) 46.00	Daily Cost (Cost) \$22,050	Cum To Date (Cost) \$5,664,267	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%) 100.0
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	13.73	\$0	\$1,204,191	\$1,590,000	\$385,809
COMPLETION	60.10	\$22,050	\$4,460,076	\$4,797,520	\$337,444

Daily Operations

Rig					
Drilled Last 24 Hours (ft) 0.00	End Depth (ftKB) 14,076.0	End Depth (TVD) (ftKB) 6,265.0	DFS (days) 227.21	Report Number 75	Report End Date 9/6/2013
Last Casing String PRODUCTION, 14,076.0ftKB					
Status at 6 AM WOF			24 Hour Forecast WOF		

Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	12:00	6.00	RIGD	ACTIVE	RDMO, SECURE WH, RELEASE RENTAL EQUIPMENT, WOF.
12:00	06:00	18.00	SHUTDOWN	ACTIVE	SD, WOF



UNIVERSITY 52-10 7H
Wellbore Name: OH

WEST UNRESTRICTED
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Partner Report

Report # 76 Date: 9/7/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541602	Latitude (°) 31° 4' 4.214" N	Longitude (°) 101° 1' 6.19" W	Ground Elev... 2,523.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,548.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,153.0	Authorized Depth TVD (ftKB)	API/UWI 4210541602
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Costs

WBS Number 01-03269.01;01-03269.02;01-03269.03;01-03269.04;01-03269.05	Planned Days (days) 46.00	Daily Cost (Cost) \$22,050	Cum To Date (Cost) \$5,686,317	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%) 100.0
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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	13.73	\$0	\$1,204,191	\$1,590,000	\$385,809
COMPLETION	61.10	\$22,050	\$4,482,126	\$4,797,520	\$315,394

Daily Operations

Rig					
Drilled Last 24 Hours (ft)	End Depth (ftKB)	End Depth (TVD) (ftKB)	DFS (days)	Report Number	Report End Date
0.00	14,076.0	6,265.0	228.21	76	9/7/2013

Last Casing String PRODUCTION, 14,076.0ftKB
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Status at 6 AM	24 Hour Forecast
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Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description



UNIVERSITY 52-10 7H
Wellbore Name: OH

WEST UNRESTRICTED
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Partner Report

Report # 77 Date: 9/13/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541602	Latitude (°) 31° 4' 4.214" N	Longitude (°) 101° 1' 6.19" W	Ground Elev... 2,523.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,548.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,153.0	Authorized Depth TVD (ftKB)	API/UWI 4210541602
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Costs

WBS Number 01-03269.01;01-03269.02;01-03269.03;01-03269.04;01-03269.05	Planned Days (days) 46.00	Daily Cost (Cost) \$8,800	Cum To Date (Cost) \$5,695,117	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%) 100.0
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	13.73	\$0	\$1,204,191	\$1,590,000	\$385,809
COMPLETION	62.10	\$8,800	\$4,490,926	\$4,797,520	\$306,594

Daily Operations

Rig					
Drilled Last 24 Hours (ft) 0.00	End Depth (ftKB) 14,076.0	End Depth (TVD) (ftKB) 6,265.0	DFS (days) 234.21	Report Number 77	Report End Date 9/13/2013
Last Casing String PRODUCTION, 14,076.0ftKB					
Status at 6 AM START FRAC OPS			24 Hour Forecast FRAC STGS 22,23. PERF W/ CT		

Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	08:00	2.00	SHUTDOWN	ACTIVE	WAITING ON FRAC EQUIPMENT
08:00	06:00	22.00	RIGU	ACTIVE	RU TRICAN FRAC, SELECT WATER TRANSFER, OIL STATES WHIT AND SPECTRUM TRACER SERVICES TO START FRAC FOR STG #22.



UNIVERSITY 52-10 7H

Wellbore Name: OH

WEST UNRESTRICTED

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Partner Report

Report # 78 Date: 9/14/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541602	Latitude (°) 31° 4' 4.214" N	Longitude (°) 101° 1' 6.19" W	Ground Elev... 2,523.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,548.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,153.0	Authorized Depth TVD (ftKB)	API/UWI 4210541602
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Costs

WBS Number 01-03269.01;01-03269.02;01-03269.03;01-03269.04;01-03269.05	Planned Days (days) 46.00	Daily Cost (Cost) \$169,437	Cum To Date (Cost) \$5,864,554	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%) 100.0
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	13.73	\$0	\$1,204,191	\$1,590,000	\$385,809
COMPLETION	63.10	\$169,437	\$4,660,363	\$4,797,520	\$137,157

Daily Operations

Rig											
Drilled Last 24 Hours (ft)	0.00	End Depth (ftKB)	14,076.0	End Depth (TVD) (ftKB)	6,265.0	DFS (days)	235.21	Report Number	78	Report End Date	9/14/2013
Last Casing String											
PRODUCTION, 14,076.0ftKB											
Status at 6 AM						24 Hour Forecast					

Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	10:00	4.00	STIM	ACTIVE	<p>RU TRICAN STIM CREW,CHEMICALS & SELECT WTR TRANSFER TO FRAC STG #22 HORIZONTAL WOLFCAMP PERFS @ 8,710'-8,892' (48 HOLES) W/ 3,000 GAL 7 1/2% HCL ACID, 213,700 GALS OF SLICK WATER, 99,750 LBS PREMIUM 100 MESH & 127,750 LBS PREMIUM 40/70 SAND, STS TRACER, OIL STATES WHIT DOWN 5-1/2" 17# P110 GRADE CSG @ 80 BPM. TEST LINES TO 9,000 PSI.</p> <p>OWHP= -5 FORMATION BROKE DOWN @ 2,940 PSI @10 BPM PUMPED 3,000 GALS 7 1/2% HCL ACID</p> <p>MAX PSI= 4,303 AVG PSI= 3,525 AVG RATE= 70 BPM</p> <p>ISIP= N/A FG=0.83</p> <p>USED 4,733 BBLS FRESHWATER USED 99,740 LBS 100 MESH USED 127,860 LBS 40/70</p> <p>NOTE: DROPPED 60 SURGIBALLS AT END OF STAGE. 150 PSI INCREASE WHEN BALLS HIT PERFS.</p>
10:00	13:00	3.00	STIM	ACTIVE	<p>RU TRICAN STIM CREW,CHEMICALS & SELECT WTR TRANSFER TO FRAC STG #22 HORIZONTAL WOLFCAMP PERFS @ 8,710'-8,892' (48 HOLES) W/ 3,000 GAL 7 1/2% HCL ACID, 213,700 GALS OF SLICK WATER, 99,750 LBS PREMIUM 100 MESH & 127,750 LBS PREMIUM 40/70 SAND, STS TRACER, OIL STATES WHIT DOWN 5-1/2" 17# P110 GRADE CSG @ 80 BPM. TEST LINES TO 9,000 PSI.</p> <p>PUMPED 3,000 GALS 7 1/2% HCL ACID</p> <p>MAX PSI= 4,303 AVG PSI= 3,525 AVG RATE= 70 BPM</p> <p>ISIP= 2,457 FG=0.83</p> <p>USED 4,733 BBLS FRESHWATER USED 100,100 LBS 100 MESH USED 127,800 LBS 40/70</p> <p>NOTE: RAMPED UP TO 6 PPG SAND SLUG W/ 40/70 SAND DURING FLUSH TO SCREENOUT PERFS. DISPLACED SAND SLUG W/ 190 BBLS, SD FOR 30 MINS. PRESSURED UP TO 3,300 PSI ON SAND SLUG, PUMPING INTO FORMATION. PUMPED 13,500 LB 40/70 @ 6 PPG/65 BPM, DISPLACED W/ 190 BBLS, SD FOR ONE HOUR. TEST SAND PLUG TO 5,600 PSI, SWI.</p>



UNIVERSITY 52-10 7H

Wellbore Name: OH

WEST UNRESTRICTED

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Partner Report

Report # 78 Date: 9/14/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541602	Latitude (°) 31° 4' 4.214" N	Longitude (°) 101° 1' 6.19" W	Ground Elev... 2,523.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,548.00	Tubing Head Elevation (ft)

Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
13:00	06:00	17.00	PERF	ACTIVE	MIRU IPS COIL TBG UNIT TO PERF STG 24 A W/ TTS HYDRO JET PERFORATING TOOL @ 8,410'-8,412', 8,350'-8,352'. HAD TO RD PART OF TRICAN FRAC LINE TO SPOT CT UNIT. TESTED LINES AND CT STACK TO 9,000 PSI. START IN HOLE 00:15 HRS. ON SPOT TO PERF AT 04:00 HRS. TTS WORKED ON SAND SCREWS 1 HR. STILL PERFORATING VIA COIL AT REPORT TIME



UNIVERSITY 52-10 7H

Wellbore Name: OH

WEST UNRESTRICTED

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Partner Report

Report # 79 Date: 9/15/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541602	Latitude (°) 31° 4' 4.214" N	Longitude (°) 101° 1' 6.19" W	Ground Elev... 2,523.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,548.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,153.0	Authorized Depth TVD (ftKB) 4210541602
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Costs

WBS Number 01-03269.01;01-03269.02;01-03269.03;01-03269.04;01-03269.05	Planned Days (days) 46.00	Daily Cost (Cost) \$102,460	Cum To Date (Cost) \$5,986,539	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%) 100.0
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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	13.73	\$0	\$1,204,191	\$1,590,000	\$385,809
COMPLETION	64.10	\$102,460	\$4,782,348	\$4,797,520	\$15,172

Daily Operations

Rig					
Drilled Last 24 Hours (ft)	End Depth (ftKB)	End Depth (TVD) (ftKB)	DFS (days)	Report Number	Report End Date
0.00	14,076.0	6,265.0	236.21	79	9/15/2013

Last Casing String

PRODUCTION, 14,076.0ftKB

Status at 6 AM

HYDRO PERFORMING WITH CT

24 Hour Forecast

CONTINUE 24 HR FRAC OPS

Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	08:00	2.00	PERF	ACTIVE	FINISH PERFORATING STG 24 A W/ TTS HYDRO JET TOOL. PUH W/ IPS CT TO 5,666'
08:00	08:45	0.75	STIM	ACTIVE	RU TRICAN STIM CREW,CHEMICALS & SELECT WTR TRANSFER TO FRAC STG #24 A HORIZONTAL WOLFCAMP PERFS @ 8,350'-8,412' (12 HOLES) W/ 1,500 GAL 7 1/2% HCL ACID, 213,700 GALS OF SLICK WATER, 49,875 LBS PREMIUM 100 MESH & 63,875 LBS PREMIUM 40/70 SAND, STS TRACER, OIL STATES WHIT DOWN 5-1/2" 17# P110 GRADE CSG @ 40 BPM W/ IPS COIL TBG SUSPENDED IH @ 5,700'. WHP= 1,267 BROKEDOWN @ 3,747 PSI/11 BPM PUMPED 1,500 GALS 7 1/2% HCL ACID MAX PSI= 8,830 NOTE: BRIDGED OFF AFTER 119 BBLS, WHILE INCREASING RATE AFTER ACID FROM 14 BPM TO 21 BPM, SHARP PSI INCREASE FROM 4,340 TO 8,830 PSI. SHUT PUMPS DOWN, TRIED TO PUMP AT 4 BPM. DETERMINED TO BE BRIDGED OFF AT PERF TOOL. CIRCULATE WELL TO FREE COIL TBG.
08:45	12:30	3.75	CIRC	ACTIVE	CIRC DOWN COIL TBG, WORKED CT THRU BRIDGE @ 5,665'. CIRC WELL CLEAN, PUH W/ CT TO 4,500'. READY TO FRAC STG 24 A.
12:30	13:00	0.50	STIM	ACTIVE	TRIED TO PUMP DOWN FRAC, PLUGGED OFF AT WH. OPENED FLOWBACK LINE, PUMPED 77 BBLS @ 9 BPM, PLUGGED OFF AT TOOL.
13:00	16:30	3.50	CIRC	ACTIVE	PUMPED DOWN CT TO CIRCULATE WELL, COULD MOVE TBG DOWN HOLE, WOULD HANG UP @ 4,036' WHEN PUH. CIRC AND WORK TOOLS, WORKED FREE, POOH W/ PERF TOOL. DID NOT SEE ANY TRASH OR DEBRIS ON TOOL. PREPARE TO FRAC.
16:30	17:15	0.75	STIM	ACTIVE	RU TRICAN STIM CREW,CHEMICALS & SELECT WTR TRANSFER TO FRAC STG #24 A HORIZONTAL WOLFCAMP PERFS @ 8,350'-8,412' (12 HOLES) W/ 1,500 GAL 7 1/2% HCL ACID, 213,700 GALS OF SLICK WATER, 49,875 LBS PREMIUM 100 MESH & 63,875 LBS PREMIUM 40/70 SAND, STS TRACER, OIL STATES WHIT DOWN 5-1/2" 17# P110 GRADE CSG @ 40 BPM W/ IPS COIL TBG SUSPENDED IH @ 4,500'. NOTE: PUMPED 4 1/2 BBLS, PRESSURED UP TO 6,420 PSI. DETERMINED FRAC HEAD TO BE PLUGGED OFF.
17:15	22:15	5.00	WLHEAD	ACTIVE	RD TRICAN FRAC LINES. RD OIL STATES FRAC HEAD. FOUND FRAC BALLS IN ONE ON THE RISER TUBES BUT NO OTHER OBSTRUCTIONS. DECISION MADE TO CHANGE OUT GOATHEAD WITHOUT BLAST JOINT SLEEVE.
22:15	23:15	1.00	STIM	ACTIVE	TEST LINES. PUMPED 19 BBL WITH PRESSURE CLIMBING TO 8,300 PSI WITH NO BREAK.
23:15	06:00	6.75	PERF	ACTIVE	RU IPS CT. TEST LINES AND FIX LEAK. RETEST. OK. RIH WITH TTS HYDRO PERF TOOL.. REPERF STG 24A AND STG 24B PERFS: 8,230'- 8,232', 8,290'- 8,292', 8,350'- 8,352', 8,410'- 8,412'.



UNIVERSITY 52-10 7H

Wellbore Name: OH

WEST UNRESTRICTED

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Partner Report

Report # 80 Date: 9/16/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541602	Latitude (°) 31° 4' 4.214" N	Longitude (°) 101° 1' 6.19" W	Ground Elev... 2,523.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,548.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,153.0	Authorized Depth TVD (ftKB)	API/UWI 4210541602
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Costs

WBS Number 01-03269.01;01-03269.02;01-03269.03;01-03269.04;01-03269.05	Planned Days (days) 46.00	Daily Cost (Cost) \$164,020	Cum To Date (Cost) \$6,150,559	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%) 100.0
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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	13.73	\$0	\$1,204,191	\$1,590,000	\$385,809
COMPLETION	65.10	\$164,020	\$4,946,368	\$4,797,520	(\$148,848)

Daily Operations

Rig					
Drilled Last 24 Hours (ft)	End Depth (ftKB)	End Depth (TVD) (ftKB)	DFS (days)	Report Number	Report End Date
0.00	14,076.0	6,265.0	237.21	80	9/16/2013

Last Casing String PRODUCTION, 14,076.0ftKB
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Status at 6 AM TIH W/ CT	24 Hour Forecast MAKE CLEAN OUT RUN AND FRAC STG 25
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Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	09:30	3.50	PERF	ACTIVE	RU IPS CT. TEST LINES AND FIX LEAK. RETEST. OK. RIH WITH TTS HYDRO PERF TOOL.. REPERF STG 24A AND STG 24B PERFS: 8,230'- 8,232', 8,290'- 8,292', 8,350'- 8,352', 8,410'- 8,412'. POOH W/ CT & PERF TOOL. SI W/ BLIND RAMS ON CT BOP.
09:30	12:30	3.00	STIM	ACTIVE	RU TRICAN STIM CREW,CHEMICALS & SELECT WTR TRANSFER TO FRAC STG #24 HORIZONTAL WOLFCAMP PERFS @ 8,230'-8,412' (48 HOLES) W/ 3,000 GAL 7 1/2% HCL ACID, 213,700 GALS OF SLICK WATER, 99,750 LBS PREMIUM 100 MESH & 127.750 LBS PREMIUM 40/70 SAND, STS TRACER, OIL STATES WHIT DOWN 5-1/2" 17# P110 GRADE CSG @ 80 BPM. OWHP= 1,272 BROKEDOWN @ 4,592 PSI/10 BPM PUMPED 3,000 GALS 7 1/2% HCL ACID MAX PSI= 5505 AVG PSI= 4743 AVG RATE= 75 BPM USED 5,515 BBLS FRESHWATER USED 100,740 LBS 100 MESH USED 137,980 LBS 40/70 ISIP= 2,443 FG= 0.82 NOTE: PUMPED 5- 6 PPG SAND SLUG W/ 40/70 SAND AT END OF STAGE TO SCREENOUT PERFS. DISPLACED SAND SLUG W/ 146 BBLS, SCREENED OUT, PSI INCREASED TO 8,989 PSI. SWI.
12:30	00:00	11.50	PERF	ACTIVE	RU IPS CT. TEST LINES, OK. RIH WITH TTS HYDRO PERF TOOL TO PERFORATE STAGE 25 HORIZONTAL WOLFCAMP FORMATION AS FOLLOWS: 8,170'- 8,172' 8,110'- 8,112' 8,050'- 8,052' 7,990'- 7,992' POOH W/ CT & PERF TOOL. RD CT. USED ____ BBLS FOR PERFORATING.
00:00	02:00	2.00	INACTIVE	INACTIVE	NPT. TRICAN LOST COMMUNICATION WITH BLENDER PRIOR TO STAGE. TROUBLESHOOT AND REPAIR.



UNIVERSITY 52-10 7H
Wellbore Name: OH

WEST UNRESTRICTED
CONFIDENTIAL

Partner Report

Report # 80 Date: 9/16/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541602	Latitude (°) 31° 4' 4.214" N	Longitude (°) 101° 1' 6.19" W	Ground Elev... 2,523.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,548.00	Tubing Head Elevation (ft)

Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
02:00	03:30	1.50	STIM	ACTIVE	RU TRICAN STIM CREW,CHEMICALS & SELECT WTR TRANSFER TO FRAC STG #25 HORIZONTAL WOLFCAMP PERFS @ 7,990'-8,172' (48 HOLES) W/ 3,000 GAL 7 1/2% HCL ACID, 213,700 GALS OF SLICK WATER, 99,750 LBS PREMIUM 100 MESH & 127.750 LBS PREMIUM 40/70 SAND, STS TRACER, OIL STATES WHIT DOWN 5-1/2" 17# P110 GRADE CSG @ 80 BPM. OWHP= 1,821 PSI BREAKDOWN @ 3,461 PSI/10 BPM PUMPED 3,000 GALS 7 1/2% HCL ACID NOTE: PUMPED ACID AT 13 BPM AS PRESSURE INCREASED FROM 4,000 PSI TO 7,035 PSI. GOOD ACID BREAK DOWN TO ~4,000 PSI. ATTEMPTED TO ESTABLISH RATE. APPEARED THAT HOLE WAS NOT CLEAN FROM HYDRO PERF OPS AND SAND WAS DISPLACED DOWNHOLE CAUSING PRESSURE TO INCREASE. LINED OUT ON RATE AT 32 BPM @ 8,200 PSI. DECISION WAS MADE TO SD AND MAKE CTCO RUN. PUMPED TOTAL OF 1,248 BBLS SLICKWATER AND 71 BBL ACID AND NO SAND. ISIP = 2,416 PSI
03:30	05:00	1.50	RIGU	ACTIVE	RD FRAC AND RU IPS CT AND TEST.
05:00	06:00	1.00	RUNCOM	ACTIVE	RIH FOR CT CLEANOUT.



UNIVERSITY 52-10 7H

Wellbore Name: OH

WEST UNRESTRICTED

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Partner Report

Report # 81 Date: 9/17/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541602	Latitude (°) 31° 4' 4.214" N	Longitude (°) 101° 1' 6.19" W	Ground Elev... 2,523.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,548.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,153.0	Authorized Depth TVD (ftKB)	API/UWI 4210541602
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Costs

WBS Number 01-03269.01;01-03269.02;01-03269.03;01-03269.04;01-03269.05	Planned Days (days) 46.00	Daily Cost (Cost) \$239,690	Cum To Date (Cost) \$6,390,249	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%) 100.0
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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	13.73	\$0	\$1,204,191	\$1,590,000	\$385,809
COMPLETION	66.10	\$239,690	\$5,186,058	\$4,797,520	(\$388,538)

Daily Operations

Rig					
Drilled Last 24 Hours (ft)	End Depth (ftKB)	End Depth (TVD) (ftKB)	DFS (days)	Report Number	Report End Date
0.00	14,076.0	6,265.0	238.21	81	9/17/2013

Last Casing String PRODUCTION, 14,076.0ftKB
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Status at 6 AM TIH W/ CT	24 Hour Forecast PERF & FRAC STG 27, 28
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Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	07:45	1.75	TRIP	ACTIVE	TIH W/ CT TO 8,180'.
07:45	11:15	3.50	CIRC	ACTIVE	CIRC WELL CLEAN, RECOVERED HVY SAND IN RETURNS, POOH W/ CT.
11:15	12:45	1.50	STIM	ACTIVE	RU TRICAN STIM CREW,CHEMICALS & SELECT WTR TRANSFER TO FRAC STG #25 HORIZONTAL WOLFCAMP PERFS @ 7,990'-8,172' (48 HOLES) W/ 3,000 GAL 7 1/2% HCL ACID, 213,700 GALS OF SLICK WATER, 99,750 LBS PREMIUM 100 MESH & 127.750 LBS PREMIUM 40/70 SAND, STS TRACER, OIL STATES WHIT DOWN 5-1/2" 17# P110 GRADE CSG @ 80 BPM. OWHP= 1,687 BROKEDOWN @ 3,944 PSI/10 BPM PUMPED 3,000 GALS 7 1/2% HCL ACID MAX PSI= 7,420 AVG PSI= AVG RATE= 46 BPM USED 2,863 BBLS FRESHWATER USED 1,000 LBS 100 MESH USED 0 LBS 40/70 ISIP= 2,490 FG= NOTE: GOOD BREAK WHEN ACID WENT THRU PERFS, INCREASED RATE TO 50 BPM, PSI INCREASED TO 7,490. PUMPED 1,000 LBS 100 MESH, 200 PSI INCREASE AT PERFS. SLOW RATE TO 46 BPM/7,100 PSI. PUMPED 1200 BBLS +/-, FORMATION WOULD NOT BREAK. SD FRAC.
12:45	23:45	11.00	PERF	ACTIVE	RU IPS CT. TEST LINES, OK. RIH WITH TTS HYDRO PERF TOOL TO PERFORATE STAGE #26 HORIZONTAL WOLFCAMP FORMATION AS FOLLOWS: 7,930'-7,932' 7,870'- 7,872' 7,810'- 7,812' 7,750'- 7,752' POOH W/ CT & PERF TOOL. RD CT. USED ____ BBLS FOR PERFORATING.



Partner Report

Report # 81 Date: 9/17/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)		Project Group PB TEXAS EAST		State/Province TX	
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541602	Latitude (°) 31° 4' 4.214" N	Longitude (°) 101° 1' 6.19" W	Ground Elev... 2,523.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,548.00	Tubing Head Elevation (ft)

Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
23:45	02:00	2.25	STIM	ACTIVE	<p>RU TRICAN STIM CREW,CHEMICALS & SELECT WTR TRANSFER TO FRAC STG #26 HORIZONTAL WOLFCAMP PERFS @ 7,750'-7,932' (48 HOLES) W/ 3,000 GAL 7 1/2% HCL ACID, 213,700 GALS OF SLICK WATER, 99,750 LBS PREMIUM 100 MESH & 127.750 LBS PREMIUM 40/70 SAND, STS TRACER, OIL STATES WHIT DOWN 5-1/2" 17# P110 GRADE CSG @ 80 BPM.</p> <p>OWHP= 1,855 PSI BROKEDOWN @ 4,050 PSI/10 BPM PUMPED 3,000 GALS 7 1/2% HCL ACID</p> <p>MAX PSI= 6,780 AVG PSI= 4,640 AVG RATE= 80 BPM</p> <p>USED 5,983 BBLS FRESHWATER USED 109,300 LBS 100 MESH USED 133,240 LBS 40/70</p> <p>ISIP= 2,402 FG= 0.74</p> <p>NOTE: PUMPED 5- 6 PPG SAND SLUG W/ 40/70 SAND AT END OF STAGE TO SCREENOUT PERFS. DISPLACED SAND SLUG W/ 155 BBLS, NO SCREENED OUT, PUMPED SECOND 50 BBL SLUG AND SD WITH 15 BBL SLURRY LEFT IN CASING. WAITED 30 MINUTES. BROUGHT RATE UP TO 30 BPM, PSI INCREASED TO 8,100 PSI. SWI.</p>
02:00	06:00	4.00	PERF	ACTIVE	<p>RU IPS CT. CHANGED OUT TTS PERF TOOL. TEST LINES, OK. RIH WITH TTS HYDRO PERF TOOL TO PERFORATE STAGE 27 HORIZONTAL WOLFCAMP FORMATION AS FOLLOWS:</p> <p>7,690' - 7,692' 7,630' - 7,632' 7,570' - 7,572' 7,510' - 7,512'</p>



UNIVERSITY 52-10 7H

Wellbore Name: OH

WEST UNRESTRICTED

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Partner Report

Report # 82 Date: 9/18/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541602	Latitude (°) 31° 4' 4.214" N	Longitude (°) 101° 1' 6.19" W	Ground Elev... 2,523.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,548.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,153.0	Authorized Depth TVD (ftKB)	API/UWI 4210541602
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Costs

WBS Number 01-03269.01;01-03269.02;01-03269.03;01-03269.04;01-03269.05	Planned Days (days) 46.00	Daily Cost (Cost) \$257,080	Cum To Date (Cost) \$6,647,329	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%) 100.0
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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	13.73	\$0	\$1,204,191	\$1,590,000	\$385,809
COMPLETION	67.10	\$257,080	\$5,443,138	\$4,797,520	(\$645,618)

Daily Operations

Rig					
Drilled Last 24 Hours (ft)	End Depth (ftKB)	End Depth (TVD) (ftKB)	DFS (days)	Report Number	Report End Date
0.00	14,076.0	6,265.0	239.21	82	9/18/2013

Last Casing String PRODUCTION, 14,076.0ftKB
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Status at 6 AM RU CT	24 Hour Forecast PERF & FRAC STG 29, RD CT, RU WL. CONTINUE FRAC OPS
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Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	10:00	4.00	PERF	ACTIVE	RIH W/ IPS CT & TTS HYDRO PERF TOOL TO PERFORATE STAGE #27 HORIZONTAL WOLFCAMP FORMATION AS FOLLOWS: 7,690' - 7,692' 7,630' - 7,632' 7,570' - 7,572' 7,510' - 7,512' NOTE: USED 1,237 BBLS TO PERF.
10:00	13:30	3.50	STIM	ACTIVE	RU TRICAN STIM CREW,CHEMICALS & SELECT WTR TRANSFER TO FRAC STG #27 HORIZONTAL WOLFCAMP PERFS @ 7,510'-7,692' (48 HOLES) W/ 3,000 GAL 7 1/2% HCL ACID, 213,700 GALS OF SLICK WATER, 99,750 LBS PREMIUM 100 MESH & 127.750 LBS PREMIUM 40/70 SAND, STS TRACER, OIL STATES WHIT DOWN 5-1/2" 17# P110 GRADE CSG @ 80 BPM. OWHP= 1,667 BROKEDOWN @ 4,024 PSI/10 BPM PUMPED 3,000 GALS 7 1/2% HCL ACID MAX PSI= 4,781 AVG PSI= 3,756 AVG RATE= 80 BPM USED 4,646 BBLS FRESHWATER USED 99,720 LBS 100 MESH USED 128,240 LBS 40/70 ISIP= 2,307 FG= 0.80 NOTE: PUMPED 5- 6 PPG SAND SLUG W/ 40/70 SAND AT END OF STAGE TO SCREENOUT PERFS. DISPLACED SAND SLUG W/ 171 BBLS, SD. WAITED 45 MINUTES. PRESSURE TESTED SAND PLUG TO 6,690 PSI. SWI.
13:30	01:30	12.00	PERF	ACTIVE	RIH W/ IPS CT & TTS HYDRO PERF TOOL TO PERFORATE STAGE #28 HORIZONTAL WOLFCAMP FORMATION AS FOLLOWS: 7,450' - 7,452' 7,390' - 7,392' 7,330' - 7,332' 7,270' - 7,272' CUT TOP PERFS AND STARTED BACK DOWN TO SWEEP FROM BOTTOM. HIT BRIDGE AT 7,373' AND SLOWLY MADE PROGRESS TO 7,423' AND COULD WASH NO FURTHER. PROBABLE BOTTOM JET ON PERF TOOL IS PLUGGED. DECISION WAS MADE TO CLEAN UP AND POOH. NOTE: USED ____ BBLS TO PERF.

**UNIVERSITY 52-10 7H**

Wellbore Name: OH

WEST UNRESTRICTED**CONFIDENTIAL****Partner Report****Report # 82 Date: 9/18/2013 06:00**

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541602	Latitude (°) 31° 4' 4.214" N	Longitude (°) 101° 1' 6.19" W	Ground Elev... 2,523.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,548.00	Tubing Head Elevation (ft)

Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
01:30	05:30	4.00	STIM	ACTIVE	<p>RU TRICAN STIM CREW,CHEMICALS & SELECT WTR TRANSFER TO FRAC STG #28 HORIZONTAL WOLFCAMP PERFS @ 7,270'-7,452' (48 HOLES) W/ 3,000 GAL 7 1/2% HCL ACID, 213,700 GALS OF SLICK WATER, 99,750 LBS PREMIUM 100 MESH & 127.750 LBS PREMIUM 40/70 SAND, STS TRACER, OIL STATES WHIT DOWN 5-1/2" 17# P110 GRADE CSG @ 80 BPM.</p> <p>OWHP= 1,642 PSI BROKEDOWN @ 3,730 PSI/10 BPM PUMPED 3,000 GALS 7 1/2% HCL ACID</p> <p>MAX PSI= 6,722 AVG PSI= 4,926 AVG RATE= 80 BPM</p> <p>USED 6,225 BBLS FRESHWATER USED 110,900 LBS 100 MESH USED 137,750 LBS 40/70</p> <p>ISIP= 2,799 PSI FG= 0.88</p> <p>NOTE: PUMPED 5- 6 PPG SAND SLUG W/ 40/70 SAND AT END OF STAGE TO SCREENOUT PERFS. DISPLACED SAND SLUG W/ 155 BBLS, SD. WAITED 30 MINUTES. PRESSURE TESTED SAND PLUG TO 3,400 PSI, DID NOT TEST. LOADED BELT AND HOPPER WITH 10K SAND AND PUMPED 2ND SLUG. 1000 PSI PRESSURE INCREASE AT PERFS. SD AND WAITED 30 MINUTES. PLUG DID NOT TEST. RAN 3RD 10K SLUG. 2000 PSI INCREASE. WAITED 15 MINUTES. TESTED PLUG TO 7,100 PSI. SWI.</p>
05:30	06:00	0.50	RIGU	ACTIVE	RU IPS CT.



UNIVERSITY 52-10 7H

Wellbore Name: OH

WEST UNRESTRICTED

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Partner Report

Report # 83 Date: 9/19/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541602	Latitude (°) 31° 4' 4.214" N	Longitude (°) 101° 1' 6.19" W	Ground Elev... 2,523.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,548.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,153.0	Authorized Depth TVD (ftKB)	API/UWI 4210541602
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Costs

WBS Number 01-03269.01;01-03269.02;01-03269.03;01-03269.04;01-03269.05	Planned Days (days) 46.00	Daily Cost (Cost) \$167,415	Cum To Date (Cost) \$6,839,744	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%) 100.0
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	13.73	\$0	\$1,204,191	\$1,590,000	\$385,809
COMPLETION	68.10	\$167,415	\$5,635,553	\$4,797,520	(\$838,033)

Daily Operations

Rig					
Drilled Last 24 Hours (ft) 0.00	End Depth (ftKB) 14,076.0	End Depth (TVD) (ftKB) 6,265.0	DFS (days) 240.21	Report Number 83	Report End Date 9/19/2013
Last Casing String PRODUCTION, 14,076.0ftKB					
Status at 6 AM FRAC STG 30			24 Hour Forecast PERF & FRAC STG 31, SET KP, RDMO FRAC		

Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	14:00	8.00	PERF	ACTIVE	RIH W/ IPS CT & TTS HYDRO PERF TOOL TO PERFORATE STAGE #29 HORIZONTAL WOLFCAMP FORMATION AS FOLLOWS: 7,210' - 7,212' 7,150' - 7,152' 7,090' - 7,092' 7,030' - 7,032' USED 1.077 BBLS SLICKWATER TO PERFORATE.
14:00	16:30	2.50	STIM	ACTIVE	RU TRICAN STIM CREW,CHEMICALS & SELECT WTR TRANSFER TO FRAC STG #29 HORIZONTAL WOLFCAMP PERFS @ 7,030'-7,212' (48 HOLES) W/ 3,000 GAL 7 1/2% HCL ACID, 213,700 GALS OF SLICK WATER, 99,750 LBS PREMIUM 100 MESH & 127.750 LBS PREMIUM 40/70 SAND, STS TRACER, OIL STATES WHIT DOWN 5-1/2" 17# P110 GRADE CSG @ 80 BPM. OWHP= 1,780 BROKEDOWN @ 4,140 PSI/13 BPM PUMPED 3,000 GALS 7 1/2% HCL ACID MAX PSI= 6,504 AVG PSI= 4,892 AVG RATE= 75 BPM USED 4,912 BBLS FRESHWATER USED 99,340 LBS 100 MESH USED 131,190 LBS 40/70 ISIP= 2,479 FG= 0.83 NOTE: PUMPED 50 BBLS OVER FLUSH VOLUME W/ 2 GPT FR ON FLUSH TO CLEANUP LATERAL FOR PUMP DOWN.
16:30	19:00	2.50	RIGD	ACTIVE	PUMP FLUID OUT OF CT REEL INTO FLOWBACK TANKS W/ N2, RD IPS 2" CT UNIT & TTS PERF TOOLS. MOVE TO STANDBY UNTIL FRAC IS COMPLETED.
19:00	03:00	8.00	PERF	ACTIVE	RU API WL UNIT, FOUR 3 1/8" PERF GUNS (2 SPF, 60 DEG PHASING) 48 SHOTS TTL & MAGNUM CAGED BALL COMPOSITE FRAC PLUG TO PERFORATE STAGE #30 HORIZONTAL WOLFCAMP FORMATION AS FOLLOWS: SET CFP @ 7,000', TEST TO 5,000 PSI. 6,970' - 6,972' 6,910' - 6,912' 6,850' - 6,852' 6,790' - 6,792' USED 75 BBLS SLICKWATER FOR PERFORATING.



UNIVERSITY 52-10 7H

Wellbore Name: OH

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Partner Report

Report # 83 Date: 9/19/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541602	Latitude (°) 31° 4' 4.214" N	Longitude (°) 101° 1' 6.19" W	Ground Elev... 2,523.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,548.00	Tubing Head Elevation (ft)

Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
03:00	06:00	3.00	STIM	ACTIVE	<p>RU TRICAN STIM CREW,CHEMICALS & SELECT WTR TRANSFER TO FRAC STG #30 HORIZONTAL WOLFCAMP PERFS @ 6,790'- 6,972' (48 HOLES) W/ 3,000 GAL 7 1/2% HCL ACID, 213,700 GALS OF SLICK WATER, 99,750 LBS PREMIUM 100 MESH & 127.750 LBS PREMIUM 40/70 SAND, STS TRACER, OIL STATES WHIT DOWN 5-1/2" 17# P110 GRADE CSG @ 80 BPM.</p> <p>OWHP= 1,730 BROKEDOWN @ 3,510 PSI/ 11 BPM PUMPED 3,000 GALS 7 1/2% HCL ACID</p> <p>MAX PSI= AVG PSI= AVG RATE= __ BPM</p> <p>USED ____ BBLS SLICKWATER USED ____ LBS 100 MESH USED ____ LBS 40/70</p> <p>ISIP= FG= 0.</p>



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Wellbore Name: OH

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Partner Report

Report # 84 Date: 9/20/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541602	Latitude (°) 31° 4' 4.214" N	Longitude (°) 101° 1' 6.19" W	Ground Elev... 2,523.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,548.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,153.0	Authorized Depth TVD (ftKB)	API/UWI 4210541602
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Costs

WBS Number 01-03269.01;01-03269.02;01-03269.03;01-03269.04;01-03269.05	Planned Days (days) 46.00	Daily Cost (Cost) \$189,396	Cum To Date (Cost) \$7,050,124	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%) 100.0
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	13.73	\$0	\$1,204,191	\$1,590,000	\$385,809
COMPLETION	69.10	\$189,396	\$5,845,933	\$4,797,520	(\$1,048,413)

Daily Operations

Rig					
Drilled Last 24 Hours (ft)	End Depth (ftKB)	End Depth (TVD) (ftKB)	DFS (days)	Report Number	Report End Date
0.00	14,076.0	6,265.0	241.21	84	9/20/2013
Last Casing String					
PRODUCTION, 14,076.0ftKB					
Status at 6 AM			24 Hour Forecast		
SHUTIN			WAIT ON WOR		

Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	06:45	0.75	STIM	ACTIVE	RU TRICAN STIM CREW,CHEMICALS & SELECT WTR TRANSFER TO FRAC STG #30 HORIZONTAL WOLFCAMP PERFS @ 6,790'- 6,972' (48 HOLES) W/ 3,000 GAL 7 1/2% HCL ACID, 213,700 GALS OF SLICK WATER, 99,750 LBS PREMIUM 100 MESH & 127.750 LBS PREMIUM 40/70 SAND, STS TRACER, OIL STATES WHIT DOWN 5-1/2" 17# P110 GRADE CSG @ 80 BPM. OWHP= 1,730 BROKEDOWN @ 3,510 PSI/ 11 BPM PUMPED 3,000 GALS 7 1/2% HCL ACID MAX PSI= 3,954 AVG PSI= 3,434 AVG RATE= 80 BPM USED 5,326 BBLS SLICKWATER USED 95,680 LBS 100 MESH USED 126,100 LBS 40/70 ISIP= 2,341 FG= 0.81
06:45	09:00	2.25	PERF	ACTIVE	RU API WL UNIT, SEVEN 3 1/8" PERF GUNS (6 SPF, 60 DEG PHASING) 42 SHOTS TTL & MAGNUM CAGED BALL COMPOSITE FRAC PLUG TO PERFORATE STAGE #31 HORIZONTAL WOLFCAMP FORMATION AS FOLLOWS: SET CFP @ 6,765', TEST TO 5,000 PSI. GOOD. 6,740' - 6,741' 6,715' - 6,716' 6,690' - 6,691' 6,665' - 6,666' 6,640' - 6,641' 6,615' - 6,616' 6,590' - 6,591' USED 68 BBLS SLICKWATER FOR PERFORATING.



UNIVERSITY 52-10 7H

Wellbore Name: OH

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Partner Report

Report # 84 Date: 9/20/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)		Project Group PB TEXAS EAST		State/Province TX	
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541602	Latitude (°) 31° 4' 4.214" N	Longitude (°) 101° 1' 6.19" W	Ground Elev... 2,523.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,548.00	Tubing Head Elevation (ft)

Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
09:00	10:45	1.75	STIM	ACTIVE	RU TRICAN STIM CREW,CHEMICALS & SELECT WTR TRANSFER TO FRAC STG #31 HORIZONTAL WOLFCAMP PERFS @ 6,590'- 6,741' (42 HOLES) W/ 3,000 GAL 7 1/2% HCL ACID, 213,700 GALS OF SLICK WATER, 99,750 LBS PREMIUM 100 MESH & 127.750 LBS PREMIUM 40/70 SAND, STS TRACER, OIL STATES WHIT DOWN 5-1/2" 17# P110 GRADE CSG @ 80 BPM. OWHP= 1,867 BROKEDOWN @ 3,160 PSI/ 9 BPM PUMPED 3,000 GALS 7 1/2% HCL ACID MAX PSI= 3,884 AVG PSI= 3,408 AVG RATE= 82 BPM USED 5,124 BBLs SLICKWATER USED 92,320 LBS 100 MESH USED 136,280 LBS 40/70 ISIP= 2,381 FG= 0.81
10:45	12:30	1.75	PERF	ACTIVE	RU API WL UNIT, RIH W/ MAGNUM CBP. SET CBP @ 5,700', TEST TO 5,000 PSI. GOOD. POOH, RD & RELEASE WL.
12:30	19:30	7.00	RIGD	ACTIVE	RD & RELEASE TRICAN FRAC, OIL STATES WHIT, API WL, SELECT ENERGY SERVICES WATER TRANSFER, MAGNUM OIL TOOLS. WELL SHUT IN.
19:30	06:00	10.50	SHUTDOWN	ACTIVE	SHUTDOWN, WAITNG ON WOR.



UNIVERSITY 52-10 7H

Wellbore Name: OH

WEST UNRESTRICTED

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Partner Report

Report # 85 Date: 9/24/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541602	Latitude (°) 31° 4' 4.214" N	Longitude (°) 101° 1' 6.19" W	Ground Elev... 2,523.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,548.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,153.0	Authorized Depth TVD (ftKB)	API/UWI 4210541602
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Costs

WBS Number 01-03269.01;01-03269.02;01-03269.03;01-03269.04;01-03269.05	Planned Days (days) 46.00	Daily Cost (Cost) \$62,795	Cum To Date (Cost) \$7,112,919	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%) 100.0
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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	13.73	\$0	\$1,204,191	\$1,590,000	\$385,809
COMPLETION	70.10	\$62,795	\$5,908,728	\$4,797,520	(\$1,111,208)

Daily Operations

Rig					
ENERGY SERVICE, 238					
Drilled Last 24 Hours (ft)	End Depth (ftKB)	End Depth (TVD) (ftKB)	DFS (days)	Report Number	Report End Date
0.00	14,076.0	6,265.0	245.21	85	9/24/2013

Last Casing String PRODUCTION, 14,076.0ftKB
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Status at 6 AM WASHING TO CFP 3. DEPTH AT REPORT TIME 8,106'.	24 Hour Forecast CONTINUE D/O
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Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	09:30	3.50	TRAVEL	ACTIVE	CREW TRAVEL TO LOCATION.
09:30	10:00	0.50	SAFETY	ACTIVE	HELD PRE JOB SAFETY MEETING WITH CREW.
10:00	12:00	2.00	SHUTDOWN	ACTIVE	WAIT ON FORKLIFT AND HAUL TRUCKS TO ARRIVE ON LOCATION.
12:00	16:00	4.00	RIGU	ACTIVE	SPOT BASE BEAM. MIRU ESCO WSU # 238. MOVE FB IRON. SPOT PIPE RACKS AND CAT WALK. LOAD RACKS WITH 488 JTS 2-7/8" 7.9# PH6 P110 WS. NU BRIDGEPORT FISHING AND RENTAL 5K HYD BOP. FUNCTION TEST BOP. GOOD.
16:00	17:00	1.00	RIGU	ACTIVE	STRAP TOP LAYER OF WS. PU TOOLS.
17:00	21:30	4.50	TRIP	ACTIVE	TIH WITH NEW 3-7/8" SB BIT, BIT SUB 2-7/8" MOTOR (BRIDGEPORT FISHING & RENTAL) X-OVER BACK PSI VALVE, 1JT 2-7/8" WS. FNIPPLE THEN 287 JTS OF WS.
21:30	22:30	1.00	RIGU	ACTIVE	MIRU BRIDGEPORT FISHING & RENTAL POWER SWIVEL. PU SWIVEL AND BREAK CIRCULATION.
22:30	23:00	0.50	DRLG	ACTIVE	DRILL OUT CAP PLUG AT 5,700' WITH JT 183. DRILLED PLUG OUT IN 25 MIN. PUMPING 2.5 BPM. TAKING RETURNS OF 7 BPM. CSG 300 PSI. TBG 1,200 PSI.
23:00	00:00	1.00	TRIP	ACTIVE	HANG SWIVEL BACK AND CONTINUE TIH WITH WS AND MOTOR TO CFP 1.
00:00	00:45	0.75	DRLG	ACTIVE	TAGGED CFP 1 WITH JT 218 (6,760'). DRILLED PLUG OUT IN 25 MIN. PUMPING 2. BPM AND TAKING RETURNS OF 4.5 BPM. WITH 200 PSI ON CSG AND 1,200 PSI ON THE TBG.
00:45	02:15	1.50	CIRC	ACTIVE	PUMP 20 BBL GEL SWEEP AND CIRCULATE WELLBORE CLEAN.
02:15	03:15	1.00	DRLG	ACTIVE	CONTINUE WASHING AND DRILLING TO CFP 2 . TAGGED CFP 2 WITH JT 225 (6,992'). DRILLED PLUG OUT IN 40 MIN. PUMPING 2.5 BPM AND TAKING RETURNS OF 5 BPM. WITH 125 PSI ON CSG AND 1,200 PSI ON THE TBG.
03:15	05:00	1.75	CIRC	ACTIVE	PUMP 20 BBL GEL SWEEP AND CIRCULATE WELLBORE CLEAN.
05:00	06:00	1.00	DRLG	ACTIVE	CONTINUE WASHING AND DRILLING SAND AND PLUG PARTS TO CFP 3. DEPTH AT REPORT TIME JT 259 (8,106').
TOTAL BBLs PUMPED 590 TOTAL RETURNED 1,580 WELL MADE 990 BBLs.					



UNIVERSITY 52-10 7H

Wellbore Name: OH

WEST UNRESTRICTED

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Partner Report

Report # 86 Date: 9/25/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541602	Latitude (°) 31° 4' 4.214" N	Longitude (°) 101° 1' 6.19" W	Ground Elev... 2,523.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,548.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,153.0	Authorized Depth TVD (ftKB)	API/UWI 4210541602
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Costs

WBS Number 01-03269.01;01-03269.02;01-03269.03;01-03269.04;01-03269.05	Planned Days (days) 46.00	Daily Cost (Cost) \$56,795	Cum To Date (Cost) \$7,169,714	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%) 100.0
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	13.73	\$0	\$1,204,191	\$1,590,000	\$385,809
COMPLETION	71.10	\$56,795	\$5,965,523	\$4,797,520	(\$1,168,003)

Daily Operations

Rig ENERGY SERVICE, 238					
Drilled Last 24 Hours (ft) 0.00	End Depth (ftKB) 14,076.0	End Depth (TVD) (ftKB) 6,265.0	DFS (days) 246.21	Report Number 86	Report End Date 9/25/2013
Last Casing String PRODUCTION, 14,076.0ftKB					
Status at 6 AM TIH WITH TBG FROM			24 Hour Forecast CONTINUE D/O		

Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	06:30	0.50	CIRC	ACTIVE	CIRCLATE SAND FROM WELLBORE.
06:30	07:30	1.00	DRLG	ACTIVE	CONTINUE WASHING AND DRILLING DOWN TO CFP 3. WASHED DOWN 10 JTS TO 269 (8,371').
07:30	08:30	1.00	CIRC	ACTIVE	PUMP 20 BBL SWEEP AND CIRCULATE SAND FROM WELL BORE.
08:30	09:30	1.00	DRLG	ACTIVE	CONTINUE WASHING AND DRILLING DOWN TO CFP 3. WASHED DOWN 10 JTS TO 279 (8,681').
09:30	10:30	1.00	CIRC	ACTIVE	PUMP 20 BBL SWEEP AND CIRCULATE SAND FROM WELL BORE.
10:30	11:30	1.00	DRLG	ACTIVE	CONTINUE WASHING AND DRILLING DOWN TO CFP 3. TAGGED CFP 3 WITH JT 288 (8,937'). DRILLED PLUG OUT IN 15 MIN. PUMPING 2.5 BPM WITH 1,200 PSI ON TBG. 250 PSI ON CSG. TAKING RETURNS OF 5 BPM.
11:30	12:30	1.00	DRLG	ACTIVE	CONTINUE WASHING AND DRILLING DOWN TO CFP 4. TAGGED CFP 4 WITH JT 295 (9,172'). DRILLED PLUG OUT IN 25 MIN. PUMPING 2.5 BPM WITH 1,200 PSI ON TBG. 250 PSI ON CSG. TAKING RETURNS OF 5 BPM.
12:30	14:30	2.00	DRLG	ACTIVE	CONTINUE WASHING AND DRILLING DOWN TO CFP 5. TAGGED CFP 5 WITH JT 302 (9,388'). DRILLED ON PLUG FOR 45 MIN NOT MAKING ANY HOLE. DOWN HOLE MOTOR KEPT STALLING OUT. THEN STARTED GETTING METAL FLAKES IN RETURNS.
14:30	17:30	3.00	CIRC	ACTIVE	PUMP 20 BBL GEL SWEEP AND 50 BBLS WATER SPACER THEN 20 BBL GEL SWEEP AND CIRCULATE WELL CLEAN FOR BIT TRIP.
17:30	18:00	0.50	RIGD	ACTIVE	HANG BRIDGEPORT FISHING & RENTAL POWER SWIVEL BACK.
18:00	20:00	2.00	TRIP	ACTIVE	TOOH STANDING BACK TBG. OOH WITH 250 JTS TO 1,614'. LEFT 51 JTS IN WELL.
20:00	21:00	1.00	RIGD	ACTIVE	MOVE CATWALK AND PIPE RACKS FOR SU.
21:00	22:30	1.50	RIGU	ACTIVE	MIRU BADGER PRESSURE CONTROL SU. TO SUNB OUT REAMING 51 JTS AND BHA.
22:30	00:00	1.50	TRIP	ACTIVE	SUNB OOH WITH 51 JTS AND BHA. OOH WITH ALL TBG AND TOOLS. THERE WERE NO CONES LEFT ON THE BIT.
00:00	01:30	1.50	TRIP	ACTIVE	PU AND SNUB IN HOLE WITH 3-7/8" CONCAVE MILL X-OVER, BACK PSI VALVE, 1 JT 2-7/8" PH6 P110 TBG, F NIPPLE. THEN 50 JTS OF 2-7/8" WS.
01:30	03:00	1.50	RIGD	ACTIVE	RDMO BADGER SU.
03:00	04:00	1.00	RIGU	ACTIVE	MOVE PIPE RACKS AND CATWALK. LOAD RACKS WITH WS.
04:00	06:00	2.00	TRIP	ACTIVE	CONTINUE TIH WITH TBG FROM DERRICK. IN HOLE WITH 180 JTS AT REPORT TIME.
TOTAL BBLS RETURNED 2208. TOTAL BBLS PUMPED 1,228 TOTAL RECOVERD 980.					



UNIVERSITY 52-10 7H
Wellbore Name: OH

WEST UNRESTRICTED
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Partner Report

Report # 87 Date: 9/26/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541602	Latitude (°) 31° 4' 4.214" N	Longitude (°) 101° 1' 6.19" W	Ground Elev... 2,523.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,548.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,153.0	Authorized Depth TVD (ftKB)	API/UWI 4210541602
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Costs

WBS Number 01-03269.01;01-03269.02;01-03269.03;01-03269.04;01-03269.05	Planned Days (days) 46.00	Daily Cost (Cost) \$56,795	Cum To Date (Cost) \$7,226,509	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%) 100.0
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	13.73	\$0	\$1,204,191	\$1,590,000	\$385,809
COMPLETION	72.10	\$56,795	\$6,022,318	\$4,797,520	(\$1,224,798)

Daily Operations

Rig											
ENERGY SERVICE, 238											
Drilled Last 24 Hours (ft)	0.00	End Depth (ftKB)	14,076.0	End Depth (TVD) (ftKB)	6,265.0	DFS (days)	247.21	Report Number	87	Report End Date	9/26/2013
Last Casing String											
PRODUCTION, 14,076.0ftKB											
Status at 6 AM						24 Hour Forecast					
LAYING DOWN TBG.						RUN TRACER LOG					

Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	07:00	1.00	TRIP	ACTIVE	CONTINUE TIH WITH TBG FROM DERRICK.
07:00	07:30	0.50	RIGU	ACTIVE	PU BRIDGEPORT FISHING & RENTAL POWER SWIVEL AND BREAK CIRCULATION.
07:30	09:30	2.00	DRLG	ACTIVE	TAG CFP 5 WITH JT 302 (9,388'). MILL ON PLUG AND CONE PARTS FOR 2 HOURS. PUMPING 3.5 BPM WITH 1,200 PSI ON TBG. 100 PSI ON CSG. TAKING RETURNS OF 5 BPM. PLUG AND CONES GONE. WASH DOWN TO JT 305 (9,474').
09:30	11:30	2.00	CIRC	ACTIVE	PUMP 20 BBL GEL SWEEP AND CIRCULATE PLUG AND CONE PARTS OUT OF WELLBORE.
11:30	11:45	0.25	RIGD	ACTIVE	HANG BACK POWER SWIVEL.
11:45	15:00	3.25	TRIP	ACTIVE	CONTINUE WASHING AND DRILLING DOWN TO PBTD. STOPED AT JT 395 (12,256').
15:00	16:00	1.00	CIRC	ACTIVE	PUMP 20 BBL GEL SWEEP AND CIRCULATE WELL CLEAN.
16:00	18:00	2.00	TRIP	ACTIVE	CONTINUE WASHING AND DRILLING DOWN TO PBTD. TAGGED PBTD (RSI) TOOL AT 13,936' JT 450.
18:00	22:00	4.00	CIRC	ACTIVE	PUMP 50 BBL GEL SWEEP AND THEN 50 BBL FW SPACER, THEN 50 GEL SWEEP. CIRCULATE WELL BORE CLEAN.
22:00	22:30	0.50	RIGD	ACTIVE	HANG BACK POWER SWIVEL.
22:30	05:00	6.50	TRIP	ACTIVE	TOOH LAYING DOWN 2-7/8" WS AND BHA. OOH WITH 1 JT. ON THE NEXT JT THE TBG STUCK AND WOULD NOT COME UP. WORKED TBG UP AND DOWN WHILE ROTATING AND PUMPING SWEEPS. AFTER WORKING TBG AND PUMPING SWEEPS MADE A LITTLE PROGRESS AND LD 1 ONE MORE JT. CONTINUE WORKING PIPE AND PUMPING GEL SWEEPS.
05:00	06:00	1.00	TRIP	ACTIVE	CONTINUE TOOH WITH TBG AND BHA. LD 4 MORE JTS. STILL HAVING TO SWIVEL TBG OUT OF HOLE. RIG CREW IS HAVING A HARD TIME BREAKING CONNECTIONS. STILL PULLING PIPE AT REPORT TIME.



UNIVERSITY 52-10 7H
Wellbore Name: OH

WEST UNRESTRICTED
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Partner Report

Report # 88 Date: 9/27/2013 06:00

District	County	Field Name		Project Group		State/Province	
PERMIAN BASIN	CROCKETT	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)
S 10, BLK 52, ULS	4210541602	31° 4' 4.214" N	101° 1' 6.19" W	2,523.00	25.00	2,548.00	

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,153.0	Authorized Depth TVD (ftKB)	API/UWI 4210541602
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Costs

WBS Number 01-03269.01;01-03269.02;01-03269.03;01-03269.04;01-03269.05	Planned Days (days) 46.00	Daily Cost (Cost) \$61,295	Cum To Date (Cost) \$7,289,804	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%) 100.0
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	13.73	\$0	\$1,204,191	\$1,590,000	\$385,809
COMPLETION	73.10	\$61,295	\$6,085,613	\$4,797,520	(\$1,288,093)

Daily Operations

Rig											
ENERGY SERVICE, 238											
Drilled Last 24 Hours (ft)	0.00	End Depth (ftKB)	14,076.0	End Depth (TVD) (ftKB)	6,265.0	DFS (days)	248.21	Report Number	88	Report End Date	9/27/2013
Last Casing String											
PRODUCTION, 14,076.0ftKB											
Status at 6 AM						24 Hour Forecast					
WAITING ON WL TRUCK FROM MIDLAND.						RUN GLVS AND RDMO.					

Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	12:00	6.00	TRIP	ACTIVE	CONTINUE TO WORK TBG AND BHA OOH. ROATING TBG OOH TBG WAS PULLING HEAVY ALL THE WAY TO THE CHL. AFTER TBG WAS PULLED THRU LINER IT STARTED PULLING FREE. OOH WITH W/ 245 JTS TO 6,375'.
12:00	15:00	3.00	CIRC	ACTIVE	STOPED PULLING PIPE AT BOTTOM OF CRUVE AND PUMPED TWO 50 BBL GEL SWEEP TO CIRCULATE WELL CLEAN.
15:00	18:00	3.00	TRIP	ACTIVE	CONTINUE LAYING DOWN WS AND BHA. OOH WITH 130 MORE JTS TO 2,324'.
18:00	20:00	2.00	RIGU	ACTIVE	MIRU BADGER PRESSURE CONTROL SU. TO SNUB OUT LAST 75 JTS OF 2-7/8" WS AND BHA.
20:00	22:15	2.25	TRIP	ACTIVE	CONTINUE TOOH WITH TBG AND BHA. OOH WITH ALL WS AND BHA. LD TOOLS.
22:15	23:15	1.00	RIGD	ACTIVE	RDMO BADGER SU.
23:15	00:30	1.25	RIGU	ACTIVE	MIRU API WL, WELLTEC TRACTOR SERVICE AND PROTECHNICS TO RUN SPECTRASCAN LOG. AFTER RIGGING UP WL TO THE TRACTOR AND TESTING WL. WL HAD TO MUCH RESISTANCE. API WL TRUCK WAS SHOWING 119 OHMS AND WELLTEC TRACTOR COMPANY NEEDS 80 OHMS. API REHEADED AND STILL DID NOT HELP.
00:30	02:00	1.50	RIGD	ACTIVE	RIG DOWN MOVE OFF API.
02:00	06:00	4.00	SHUTDOWN	ACTIVE	WAIT ON PRO WL TRUCK TO ARRIVE ON LOCATION FROM MIDLAND TX.



UNIVERSITY 52-10 7H

Wellbore Name: OH

WEST UNRESTRICTED

CONFIDENTIAL

Partner Report

Report # 89 Date: 9/28/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541602	Latitude (°) 31° 4' 4.214" N	Longitude (°) 101° 1' 6.19" W	Ground Elev... 2,523.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,548.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,153.0	Authorized Depth TVD (ftKB)	API/UWI 4210541602
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Costs

WBS Number 01-03269.01;01-03269.02;01-03269.03;01-03269.04;01-03269.05	Planned Days (days) 46.00	Daily Cost (Cost) \$183,623	Cum To Date (Cost) \$7,473,427	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%) 100.0
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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	13.73	\$0	\$1,204,191	\$1,590,000	\$385,809
COMPLETION	74.10	\$183,623	\$6,269,236	\$4,797,520	(\$1,471,716)

Daily Operations

Rig					
ENERGY SERVICE, 238					
Drilled Last 24 Hours (ft)	End Depth (ftKB)	End Depth (TVD) (ftKB)	DFS (days)	Report Number	Report End Date
0.00	14,076.0	6,265.0	249.21	89	9/28/2013

Last Casing String PRODUCTION, 14,076.0ftKB
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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	08:00	2.00	LOG	ACTIVE	MIRU PRO OILFIELD SERVICES WL TO RUN WELLTEC TRACTOR AND PROTECHNICS SPECTRASCAN LOG.
08:00	09:45	1.75	LOG	ACTIVE	OPEN WELL AND RIH WITH PRO WL, WELLTEC TRACTOR AND SPECTRASCAN LOGGING TOOLS. TRACTOR STOP AT 6,781'. PU 100' AND RUN BACK IN HOLE TO 6,981' AND TOOLS STOPPED AGAIN. PU 100' AND RIH TO 7,036' AND TOOLS STOPPED AGAIN. FINALLY AT 7,095' TOOLS STACKED OUT 3 TIME IN SAME PLACE AND WOULD NOT GO ANY DEEPER.
09:45	11:00	1.25	LOG	ACTIVE	LOG OOH AT 30' PER MIN FROM 7,095'-5,200'. PROTECHNICS WILL SEND LOG RESULTS TO DEVON OKC.
11:00	12:00	1.00	LOG	ACTIVE	RDMO OFF PRO WL, WELLTEC TRACTOR SERVICES AND PROTECHNICS LOGGING TOOLS.
12:00	14:00	2.00	RIGU	ACTIVE	MIRU BADGER PRESSURE CONTROL SNUB UNIT TO RUN PRODUCTION TBG AND GLVS. MOVE PIPE RACKS AND CATWALK. LOAD PIPE RACKS WITH 206 JTS OF NEW 2-7/8" 6.5# L-80 PRODUCTION TBG.
14:00	21:00	7.00	RUNCOM	ACTIVE	PU AND TIH WITH 202 JTS OF NEW 2-7/8" 6.5# L-80 PRODUCTION TBG 9 NEW LUFKIN GLVS, 3 CERAMIC DISK. 1-FNIPPLE, 1 X NIPPLE. C-DISK= 6,503',3,162', 1,655'. F-NIPPLE-6,470'. X NIPPLE-6,211'. EOT-6,504'.
21:00	22:30	1.50	RIGD	ACTIVE	RDMO BADGER SU. ND BRIDGEPORT FISHING AND RENTAL 5K HYD BOP. NU NEW FMC 2-9/16" 5K TBG TREE.
22:30	23:15	0.75	TREAT	ACTIVE	RU ESCO PUMP TRUCK AND PUMP 50 BBLS OF FW AND BIO TO BURST CD SUBS. CD BURST WITH 1,800 PSI.
23:15	00:45	1.50	RIGD	ACTIVE	RDMO ESCO WSU #238 AND PUMPTRUCK. MOVE ALL EQUIPMENT TO SIDE OF LOCATION TILL NEXT AM.
00:45	06:00	5.25	FLWTST	ACTIVE	TBG-90 PSI CSG-250 PSI CHK-48 OIL-0 WATER-563



UNIVERSITY 52-10 7H
Wellbore Name: OH

WEST UNRESTRICTED
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Partner Report

Report # 90 Date: 9/29/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541602	Latitude (°) 31° 4' 4.214" N	Longitude (°) 101° 1' 6.19" W	Ground Elev... 2,523.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,548.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,153.0	Authorized Depth TVD (ftKB)	API/UWI 4210541602
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Costs

WBS Number 01-03269.01;01-03269.02;01-03269.03;01-03269.04;01-03269.05	Planned Days (days) 46.00	Daily Cost (Cost) \$12,875	Cum To Date (Cost) \$7,486,302	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%) 100.0
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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	13.73	\$0	\$1,204,191	\$1,590,000	\$385,809
COMPLETION	75.10	\$12,875	\$6,282,111	\$4,797,520	(\$1,484,591)

Daily Operations

Rig					
Drilled Last 24 Hours (ft)	End Depth (ftKB)	End Depth (TVD) (ftKB)	DFS (days)	Report Number	Report End Date
0.00	14,076.0	6,265.0	250.21	90	9/29/2013

Last Casing String PRODUCTION, 14,076.0ftKB
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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-5 PSI CSG-140 PSI CHK-W/O OIL-0 WATER-853 RDMO ESCO WSU # 238.



UNIVERSITY 52-10 7H
Wellbore Name: OH

WEST UNRESTRICTED
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Partner Report

Report # 91 Date: 9/30/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541602	Latitude (°) 31° 4' 4.214" N	Longitude (°) 101° 1' 6.19" W	Ground Elev... 2,523.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,548.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,153.0	Authorized Depth TVD (ftKB)	API/UWI 4210541602
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Costs

WBS Number 01-03269.01;01-03269.02;01-03269.03;01-03269.04;01-03269.05	Planned Days (days) 46.00	Daily Cost (Cost) \$11,121	Cum To Date (Cost) \$7,497,423	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%) 100.0
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	13.73	\$0	\$1,204,191	\$1,590,000	\$385,809
COMPLETION	76.10	\$11,121	\$6,293,232	\$4,797,520	(\$1,495,712)

Daily Operations

Rig					
Drilled Last 24 Hours (ft)	End Depth (ftKB)	End Depth (TVD) (ftKB)	DFS (days)	Report Number	Report End Date
0.00	14,076.0	6,265.0	251.21	91	9/30/2013

Last Casing String PRODUCTION, 14,076.0ftKB
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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-3 PSI CSG-190 PSI CHK-W/O OIL-0 WATER-356 CHL- 51,233



UNIVERSITY 52-10 7H

Wellbore Name: OH

WEST UNRESTRICTED

CONFIDENTIAL

Partner Report

Report # 92 Date: 10/1/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541602	Latitude (°) 31° 4' 4.214" N	Longitude (°) 101° 1' 6.19" W	Ground Elev... 2,523.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,548.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,153.0	Authorized Depth TVD (ftKB)	API/UWI 4210541602
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Costs

WBS Number 01-03269.01;01-03269.02;01-03269.03;01-03269.04;01-03269.05	Planned Days (days) 46.00	Daily Cost (Cost) \$10,875	Cum To Date (Cost) \$7,508,298	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%) 100.0
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	13.73	\$0	\$1,204,191	\$1,590,000	\$385,809
COMPLETION	77.10	\$10,875	\$6,304,107	\$4,797,520	(\$1,506,587)

Daily Operations

Rig											
Drilled Last 24 Hours (ft)	0.00	End Depth (ftKB)	14,076.0	End Depth (TVD) (ftKB)	6,265.0	DFS (days)	252.21	Report Number	92	Report End Date	10/1/2013
Last Casing String											
PRODUCTION, 14,076.0ftKB											
Status at 6 AM						24 Hour Forecast					
FLOWBACK						FLOWBACK					

Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	06:00	24.00	FLWTST	ACTIVE	TBG-3 PSI CSG-200 PSI CHK-W/O OIL-0 WATER-223 CHL- 54,539



UNIVERSITY 52-10 7H
Wellbore Name: OH

WEST UNRESTRICTED
CONFIDENTIAL

Partner Report

Report # 93 Date: 10/2/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541602	Latitude (°) 31° 4' 4.214" N	Longitude (°) 101° 1' 6.19" W	Ground Elev... 2,523.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,548.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,153.0	Authorized Depth TVD (ftKB)	API/UWI 4210541602
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Costs

WBS Number 01-03269.01;01-03269.02;01-03269.03;01-03269.04;01-03269.05	Planned Days (days) 46.00	Daily Cost (Cost) \$10,875	Cum To Date (Cost) \$7,519,173	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%) 100.0
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	13.73	\$0	\$1,204,191	\$1,590,000	\$385,809
COMPLETION	78.10	\$10,875	\$6,314,982	\$4,797,520	(\$1,517,462)

Daily Operations

Rig					
Drilled Last 24 Hours (ft) 0.00	End Depth (ftKB) 14,076.0	End Depth (TVD) (ftKB) 6,265.0	DFS (days) 253.21	Report Number 93	Report End Date 10/2/2013
Last Casing String PRODUCTION, 14,076.0ftKB					
Status at 6 AM FLOWBACK			24 Hour Forecast FLOWBACK		

Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	06:00	24.00	FLWTST	ACTIVE	TBG-3 PSI CSG-220 PSI CHK-W/O OIL-0 WATER-163 CHL- 56,191



UNIVERSITY 52-10 7H
Wellbore Name: OH

WEST UNRESTRICTED
CONFIDENTIAL

Partner Report

Report # 94 Date: 10/3/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541602	Latitude (°) 31° 4' 4.214" N	Longitude (°) 101° 1' 6.19" W	Ground Elev... 2,523.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,548.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,153.0	Authorized Depth TVD (ftKB)	API/UWI 4210541602
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Costs

WBS Number 01-03269.01;01-03269.02;01-03269.03;01-03269.04;01-03269.05	Planned Days (days) 46.00	Daily Cost (Cost) \$10,875	Cum To Date (Cost) \$7,530,048	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%) 100.0
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	13.73	\$0	\$1,204,191	\$1,590,000	\$385,809
COMPLETION	79.10	\$10,875	\$6,325,857	\$4,797,520	(\$1,528,337)

Daily Operations

Rig					
Drilled Last 24 Hours (ft) 0.00	End Depth (ftKB) 14,076.0	End Depth (TVD) (ftKB) 6,265.0	DFS (days) 254.21	Report Number 94	Report End Date 10/3/2013
Last Casing String PRODUCTION, 14,076.0ftKB					
Status at 6 AM FLOWBACK			24 Hour Forecast FLOWBACK		

Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	06:00	24.00	FLWTST	ACTIVE	TBG-1 PSI CSG-190 PSI CHK-W/O OIL-0 WATER-134 CHL- 56,191



UNIVERSITY 52-10 7H
Wellbore Name: OH

WEST UNRESTRICTED
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Partner Report

Report # 95 Date: 10/4/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541602	Latitude (°) 31° 4' 4.214" N	Longitude (°) 101° 1' 6.19" W	Ground Elev... 2,523.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,548.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,153.0	Authorized Depth TVD (ftKB)	API/UWI 4210541602
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Costs

WBS Number 01-03269.01;01-03269.02;01-03269.03;01-03269.04;01-03269.05	Planned Days (days) 46.00	Daily Cost (Cost) \$10,875	Cum To Date (Cost) \$7,540,923	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%) 100.0
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	13.73	\$0	\$1,204,191	\$1,590,000	\$385,809
COMPLETION	80.10	\$10,875	\$6,336,732	\$4,797,520	(\$1,539,212)

Daily Operations

Rig					
Drilled Last 24 Hours (ft)	End Depth (ftKB)	End Depth (TVD) (ftKB)	DFS (days)	Report Number	Report End Date
0.00	14,076.0	6,265.0	255.21	95	10/4/2013

Last Casing String PRODUCTION, 14,076.0ftKB
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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-0 PSI CSG-190 PSI CHK-W/O OIL-0 WATER-252 CHL- 56,191



UNIVERSITY 52-10 7H
Wellbore Name: OH

WEST UNRESTRICTED
CONFIDENTIAL

Partner Report

Report # 96 Date: 10/5/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541602	Latitude (°) 31° 4' 4.214" N	Longitude (°) 101° 1' 6.19" W	Ground Elev... 2,523.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,548.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,153.0	Authorized Depth TVD (ftKB)	API/UWI 4210541602
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Costs

WBS Number 01-03269.01;01-03269.02;01-03269.03;01-03269.04;01-03269.05	Planned Days (days) 46.00	Daily Cost (Cost) \$10,875	Cum To Date (Cost) \$7,551,798	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%) 100.0
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	13.73	\$0	\$1,204,191	\$1,590,000	\$385,809
COMPLETION	81.10	\$10,875	\$6,347,607	\$4,797,520	(\$1,550,087)

Daily Operations

Rig					
Drilled Last 24 Hours (ft) 0.00	End Depth (ftKB) 14,076.0	End Depth (TVD) (ftKB) 6,265.0	DFS (days) 256.21	Report Number 96	Report End Date 10/5/2013
Last Casing String PRODUCTION, 14,076.0ftKB					
Status at 6 AM FLOWBACK			24 Hour Forecast FLOWBACK		

Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	06:00	24.00	FLWTST	ACTIVE	TBG-0 PSI CSG-190 PSI CHK-W/O OIL-0 WATER-110 CHL- 59,497 GAS-0



UNIVERSITY 52-10 7H
Wellbore Name: OH

WEST UNRESTRICTED
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Partner Report

Report # 97 Date: 10/6/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541602	Latitude (°) 31° 4' 4.214" N	Longitude (°) 101° 1' 6.19" W	Ground Elev... 2,523.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,548.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,153.0	Authorized Depth TVD (ftKB)	API/UWI 4210541602
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Costs

WBS Number 01-03269.01;01-03269.02;01-03269.03;01-03269.04;01-03269.05	Planned Days (days) 46.00	Daily Cost (Cost) \$10,875	Cum To Date (Cost) \$7,562,673	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%) 100.0
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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	13.73	\$0	\$1,204,191	\$1,590,000	\$385,809
COMPLETION	82.10	\$10,875	\$6,358,482	\$4,797,520	(\$1,560,962)

Daily Operations

Rig					
Drilled Last 24 Hours (ft)	End Depth (ftKB)	End Depth (TVD) (ftKB)	DFS (days)	Report Number	Report End Date
0.00	14,076.0	6,265.0	257.21	97	10/6/2013

Last Casing String
PRODUCTION, 14,076.0ftKB

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-0 PSI CSG-190 PSI CHK-W/O OIL-0 WATER-110 CHL- 59,497 GAS-0



UNIVERSITY 52-10 7H
Wellbore Name: OH

WEST UNRESTRICTED
CONFIDENTIAL

Partner Report

Report # 98 Date: 10/7/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541602	Latitude (°) 31° 4' 4.214" N	Longitude (°) 101° 1' 6.19" W	Ground Elev... 2,523.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,548.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,153.0	Authorized Depth TVD (ftKB)	API/UWI 4210541602
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Costs

WBS Number 01-03269.01;01-03269.02;01-03269.03;01-03269.04;01-03269.05	Planned Days (days) 46.00	Daily Cost (Cost) \$11,475	Cum To Date (Cost) \$7,574,148	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%) 100.0
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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	13.73	\$0	\$1,204,191	\$1,590,000	\$385,809
COMPLETION	83.10	\$11,475	\$6,369,957	\$4,797,520	(\$1,572,437)

Daily Operations

Rig					
Drilled Last 24 Hours (ft)	End Depth (ftKB)	End Depth (TVD) (ftKB)	DFS (days)	Report Number	Report End Date
0.00	14,076.0	6,265.0	258.21	98	10/7/2013

Last Casing String
PRODUCTION, 14,076.0ftKB

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-35 PSI CSG-1,000 PSI CHK-24 OIL-0 WATER-449 CHL- 64,455 GAS-0



UNIVERSITY 52-10 7H
Wellbore Name: OH

WEST UNRESTRICTED
CONFIDENTIAL

Partner Report

Report # 99 Date: 10/8/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541602	Latitude (°) 31° 4' 4.214" N	Longitude (°) 101° 1' 6.19" W	Ground Elev... 2,523.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,548.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,153.0	Authorized Depth TVD (ftKB)	API/UWI 4210541602
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Costs

WBS Number 01-03269.01;01-03269.02;01-03269.03;01-03269.04;01-03269.05	Planned Days (days) 46.00	Daily Cost (Cost) \$10,875	Cum To Date (Cost) \$7,585,023	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%) 100.0
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	13.73	\$0	\$1,204,191	\$1,590,000	\$385,809
COMPLETION	84.10	\$10,875	\$6,380,832	\$4,797,520	(\$1,583,312)

Daily Operations

Rig					
Drilled Last 24 Hours (ft) 0.00	End Depth (ftKB) 14,076.0	End Depth (TVD) (ftKB) 6,265.0	DFS (days) 259.21	Report Number 99	Report End Date 10/8/2013
Last Casing String PRODUCTION, 14,076.0ftKB					
Status at 6 AM FLOWBACK			24 Hour Forecast FLOWBACK		

Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	06:00	24.00	FLWTST	ACTIVE	TBG-0 PSI CSG-1,000 PSI CHK-28 OIL-0 WATER-167 CHL- 64,455 GAS-0



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Wellbore Name: OH

WEST UNRESTRICTED
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Partner Report

Report # 100 Date: 10/9/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541602	Latitude (°) 31° 4' 4.214" N	Longitude (°) 101° 1' 6.19" W	Ground Elev... 2,523.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,548.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,153.0	Authorized Depth TVD (ftKB)	API/UWI 4210541602
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Costs

WBS Number 01-03269.01;01-03269.02;01-03269.03;01-03269.04;01-03269.05	Planned Days (days) 46.00	Daily Cost (Cost) \$10,875	Cum To Date (Cost) \$7,595,898	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%) 100.0
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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	13.73	\$0	\$1,204,191	\$1,590,000	\$385,809
COMPLETION	85.10	\$10,875	\$6,391,707	\$4,797,520	(\$1,594,187)

Daily Operations

Rig					
Drilled Last 24 Hours (ft)	End Depth (ftKB)	End Depth (TVD) (ftKB)	DFS (days)	Report Number	Report End Date
0.00	14,076.0	6,265.0	260.21	100	10/9/2013

Last Casing String
PRODUCTION, 14,076.0ftKB

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-0 PSI CSG-950 PSI CHK-30 OIL-0 WATER-171 CHL- 67,760 GAS-0



UNIVERSITY 52-10 7H
Wellbore Name: OH

WEST UNRESTRICTED
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Partner Report

Report # 101 Date: 10/10/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541602	Latitude (°) 31° 4' 4.214" N	Longitude (°) 101° 1' 6.19" W	Ground Elev... 2,523.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,548.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,153.0	Authorized Depth TVD (ftKB)	API/UWI 4210541602
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Costs

WBS Number 01-03269.01;01-03269.02;01-03269.03;01-03269.04;01-03269.05	Planned Days (days) 46.00	Daily Cost (Cost) \$13,275	Cum To Date (Cost) \$7,609,173	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%) 100.0
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	13.73	\$0	\$1,204,191	\$1,590,000	\$385,809
COMPLETION	86.10	\$13,275	\$6,404,982	\$4,797,520	(\$1,607,462)

Daily Operations

Rig					
Drilled Last 24 Hours (ft) 0.00	End Depth (ftKB) 14,076.0	End Depth (TVD) (ftKB) 6,265.0	DFS (days) 261.21	Report Number 101	Report End Date 10/10/2013
Last Casing String PRODUCTION, 14,076.0ftKB					
Status at 6 AM FLOWBACK			24 Hour Forecast FLOWBACK		

Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	06:00	24.00	FLWTST	ACTIVE	TBG-0 PSI CSG-1,020 PSI CHK-34 OIL-0 WATER-959 CHL- 69,413 GAS-0



UNIVERSITY 52-10 7H
Wellbore Name: OH

WEST UNRESTRICTED
CONFIDENTIAL

Partner Report

Report # 102 Date: 10/11/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541602	Latitude (°) 31° 4' 4.214" N	Longitude (°) 101° 1' 6.19" W	Ground Elev... 2,523.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,548.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,153.0	Authorized Depth TVD (ftKB)	API/UWI 4210541602
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Costs

WBS Number 01-03269.01;01-03269.02;01-03269.03;01-03269.04;01-03269.05	Planned Days (days) 46.00	Daily Cost (Cost) \$13,375	Cum To Date (Cost) \$7,622,548	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%)
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	13.73	\$0	\$1,204,191	\$1,590,000	\$385,809
COMPLETION	87.10	\$13,375	\$6,418,357	\$4,797,520	(\$1,620,837)

Daily Operations

Rig					
Drilled Last 24 Hours (ft) 0.00	End Depth (ftKB) 14,076.0	End Depth (TVD) (ftKB) 6,265.0	DFS (days) 262.21	Report Number 102	Report End Date 10/11/2013
Last Casing String PRODUCTION, 14,076.0ftKB					
Status at 6 AM FLOWBACK			24 Hour Forecast FLOWBACK		

Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	06:00	24.00	FLWTST	ACTIVE	TBG-400 PSI CSG-1,075 PSI CHK-38 OIL-153 WATER-984 CHL- 69,413 GAS-392



UNIVERSITY 52-10 7H

Wellbore Name: OH

WEST UNRESTRICTED

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Partner Report

Report # 103 Date: 10/12/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541602	Latitude (°) 31° 4' 4.214" N	Longitude (°) 101° 1' 6.19" W	Ground Elev... 2,523.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,548.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,153.0	Authorized Depth TVD (ftKB)	API/UWI 4210541602
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Costs

WBS Number 01-03269.01;01-03269.02;01-03269.03;01-03269.04;01-03269.05	Planned Days (days) 46.00	Daily Cost (Cost) \$12,675	Cum To Date (Cost) \$7,635,223	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%)
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	13.73	\$0	\$1,204,191	\$1,590,000	\$385,809
COMPLETION	88.10	\$12,675	\$6,431,032	\$4,797,520	(\$1,633,512)

Daily Operations

Rig					
Drilled Last 24 Hours (ft) 0.00	End Depth (ftKB) 14,076.0	End Depth (TVD) (ftKB) 6,265.0	DFS (days) 263.21	Report Number 103	Report End Date 10/12/2013
Last Casing String PRODUCTION, 14,076.0ftKB					
Status at 6 AM FLOWBACK			24 Hour Forecast FLOWBACK		

Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	06:00	24.00	FLWTST	ACTIVE	TBG-380 PSI CSG-1,050 PSI CHK-38 OIL-307 WATER-776 CHL- 69,413 FLARE GAS 473 N2 INJ RATE 400 MCF



UNIVERSITY 52-10 7H

Wellbore Name: OH

WEST UNRESTRICTED

CONFIDENTIAL

Partner Report

Report # 104 Date: 10/13/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541602	Latitude (°) 31° 4' 4.214" N	Longitude (°) 101° 1' 6.19" W	Ground Elev... 2,523.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,548.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,153.0	Authorized Depth TVD (ftKB)	API/UWI 4210541602
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Costs

WBS Number 01-03269.01;01-03269.02;01-03269.03;01-03269.04;01-03269.05	Planned Days (days) 46.00	Daily Cost (Cost) \$12,675	Cum To Date (Cost) \$7,647,898	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%)
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	13.73	\$0	\$1,204,191	\$1,590,000	\$385,809
COMPLETION	89.10	\$12,675	\$6,443,707	\$4,797,520	(\$1,646,187)

Daily Operations

Rig											
Drilled Last 24 Hours (ft)	0.00	End Depth (ftKB)	14,076.0	End Depth (TVD) (ftKB)	6,265.0	DFS (days)	264.21	Report Number	104	Report End Date	10/13/2013
Last Casing String											
PRODUCTION, 14,076.0ftKB											
Status at 6 AM						24 Hour Forecast					
FLOWBACK						FLOWBACK					

Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	06:00	24.00	FLWTST	ACTIVE	TBG-370 PSI CSG-1,050 PSI CHK-38 OIL-295 WATER-711 CHL- 69,413 FLARE GAS 578 N2 INJ RATE 400 MCF



UNIVERSITY 52-10 7H

Wellbore Name: OH

WEST UNRESTRICTED

CONFIDENTIAL

Partner Report

Report # 105 Date: 10/14/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541602	Latitude (°) 31° 4' 4.214" N	Longitude (°) 101° 1' 6.19" W	Ground Elev... 2,523.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,548.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,153.0	Authorized Depth TVD (ftKB)	API/UWI 4210541602
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Costs

WBS Number 01-03269.01;01-03269.02;01-03269.03;01-03269.04;01-03269.05	Planned Days (days) 46.00	Daily Cost (Cost) \$12,075	Cum To Date (Cost) \$7,659,973	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%)
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	13.73	\$0	\$1,204,191	\$1,590,000	\$385,809
COMPLETION	90.10	\$12,075	\$6,455,782	\$4,797,520	(\$1,658,262)

Daily Operations

Rig					
Drilled Last 24 Hours (ft) 0.00	End Depth (ftKB) 14,076.0	End Depth (TVD) (ftKB) 6,265.0	DFS (days) 265.21	Report Number 105	Report End Date 10/14/2013
Last Casing String PRODUCTION, 14,076.0ftKB					
Status at 6 AM FLOWBACK			24 Hour Forecast FLOWBACK		

Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	06:00	24.00	FLWTST	ACTIVE	TBG-380 PSI CSG-1,050 PSI CHK-38 OIL-260 WATER-626 CHL- 69,413 FLARE GAS 596 N2 INJ RATE 410 MCF



UNIVERSITY 52-10 7H

Wellbore Name: OH

WEST UNRESTRICTED

CONFIDENTIAL

Partner Report

Report # 106 Date: 10/15/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541602	Latitude (°) 31° 4' 4.214" N	Longitude (°) 101° 1' 6.19" W	Ground Elev... 2,523.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,548.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,153.0	Authorized Depth TVD (ftKB)	API/UWI 4210541602
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Costs

WBS Number 01-03269.01;01-03269.02;01-03269.03;01-03269.04;01-03269.05	Planned Days (days) 46.00	Daily Cost (Cost) \$11,875	Cum To Date (Cost) \$7,671,848	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%)
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	13.73	\$0	\$1,204,191	\$1,590,000	\$385,809
COMPLETION	91.10	\$11,875	\$6,467,657	\$4,797,520	(\$1,670,137)

Daily Operations

Rig											
Drilled Last 24 Hours (ft)	0.00	End Depth (ftKB)	14,076.0	End Depth (TVD) (ftKB)	6,265.0	DFS (days)	266.21	Report Number	106	Report End Date	10/15/2013
Last Casing String											
PRODUCTION, 14,076.0ftKB											
Status at 6 AM						24 Hour Forecast					
FLOWBACK						FLOWBACK					

Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	06:00	24.00	FLWTST	ACTIVE	TBG-350 PSI CSG-1,050 PSI CHK-38 OIL-245 WATER-525 CHL- 66,107 FLARE GAS 569 N2 INJ RATE 400 MCF



UNIVERSITY 52-10 7H
Wellbore Name: OH

WEST UNRESTRICTED
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Partner Report

Report # 107 Date: 10/16/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541602	Latitude (°) 31° 4' 4.214" N	Longitude (°) 101° 1' 6.19" W	Ground Elev... 2,523.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,548.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,153.0	Authorized Depth TVD (ftKB)	API/UWI 4210541602
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Costs

WBS Number 01-03269.01;01-03269.02;01-03269.03;01-03269.04;01-03269.05	Planned Days (days) 46.00	Daily Cost (Cost) \$11,875	Cum To Date (Cost) \$7,683,723	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%)
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	13.73	\$0	\$1,204,191	\$1,590,000	\$385,809
COMPLETION	92.10	\$11,875	\$6,479,532	\$4,797,520	(\$1,682,012)

Daily Operations

Rig					
Drilled Last 24 Hours (ft) 0.00	End Depth (ftKB) 14,076.0	End Depth (TVD) (ftKB) 6,265.0	DFS (days) 267.21	Report Number 107	Report End Date 10/16/2013
Last Casing String PRODUCTION, 14,076.0ftKB					
Status at 6 AM FLOWBACK			24 Hour Forecast FLOWBACK		

Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	06:00	24.00	FLWTST	ACTIVE	TBG-340 PSI CSG-1,050 PSI CHK-40 OIL-297 WATER-511 CHL- 62,807 FLARE GAS 654 N2 INJ RATE 400 MCF



UNIVERSITY 52-10 7H

Wellbore Name: OH

WEST UNRESTRICTED

CONFIDENTIAL

Partner Report

Report # 108 Date: 10/17/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541602	Latitude (°) 31° 4' 4.214" N	Longitude (°) 101° 1' 6.19" W	Ground Elev... 2,523.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,548.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,153.0	Authorized Depth TVD (ftKB)	API/UWI 4210541602
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Costs

WBS Number 01-03269.01;01-03269.02;01-03269.03;01-03269.04;01-03269.05	Planned Days (days) 46.00	Daily Cost (Cost) \$12,075	Cum To Date (Cost) \$7,695,798	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%)
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	13.73	\$0	\$1,204,191	\$1,590,000	\$385,809
COMPLETION	93.10	\$12,075	\$6,491,607	\$4,797,520	(\$1,694,087)

Daily Operations

Rig											
Drilled Last 24 Hours (ft)	0.00	End Depth (ftKB)	14,076.0	End Depth (TVD) (ftKB)	6,265.0	DFS (days)	268.21	Report Number	108	Report End Date	10/17/2013
Last Casing String											
PRODUCTION, 14,076.0ftKB											
Status at 6 AM						24 Hour Forecast					
FLOWBACK						FLOWBACK					

Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	06:00	24.00	FLWTST	ACTIVE	TBG-280 PSI CSG-1,050 PSI CHK-48 OIL-385 WATER-635 CHL- 62,802 FLARE GAS 734 N2 INJ RATE 380 MCF



Partner Report

Report # 109 Date: 10/18/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541602	Latitude (°) 31° 4' 4.214" N	Longitude (°) 101° 1' 6.19" W	Ground Elev... 2,523.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,548.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,153.0	Authorized Depth TVD (ftKB)	API/UWI 4210541602
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Costs

WBS Number 01-03269.01;01-03269.02;01-03269.03;01-03269.04;01-03269.05	Planned Days (days) 46.00	Daily Cost (Cost) \$10,875	Cum To Date (Cost) \$7,706,673	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%)
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	13.73	\$0	\$1,204,191	\$1,590,000	\$385,809
COMPLETION	94.10	\$10,875	\$6,502,482	\$4,797,520	(\$1,704,962)

Daily Operations

Rig					
Drilled Last 24 Hours (ft) 0.00	End Depth (ftKB) 14,076.0	End Depth (TVD) (ftKB) 6,265.0	DFS (days) 269.21	Report Number 109	Report End Date 10/18/2013
Last Casing String PRODUCTION, 14,076.0ftKB					
Status at 6 AM TURN WELL OVER TO DEVON PRODUCTION.			24 Hour Forecast TURN WELL OVER TO DEVON PRODUCTION.		

Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	06:00	24.00	FLWTST	ACTIVE	TBG-280 PSI CSG-1,050 PSI CHK-48 OIL-69 WATER-122 CHL- 62,802 FLARE GAS 155 N2 INJ RATE 400 MCF THIS IS THE FINAL REPORT. RDMO OIL STATES FLOWBACK CREW.