



**UNIVERSITY 10 3606HR**  
Wellbore Name: OH

**WEST UNRESTRICTED**  
**CONFIDENTIAL**

**Partner Report**

**Report # 56 Date: 1/19/2014 06:00**

District PERMIAN BASIN	County REAGAN	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location SEC 36, BLK 10, ULS	API/UWI 4238338405	Latitude (°) 31° 13' 39.638" N	Longitude (°) 101° 33' 15.151" W	Ground Elev... 2,751.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,776.00	Tubing Head Elevation (ft)

**Jobs**

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 16,397.0	Authorized Depth TVD (ftKB)	API/UWI 4238338405
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**Costs**

WBS Number 01-09003.01;01-09003.02;01-09003.03;01-09003.04;01-09003.05	Planned Days (days) 58.38	Daily Cost (Cost) \$295,430	Cum To Date (Cost) \$6,293,444	Total WBS+Sup (Cost) \$7,016,950	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	32.33	\$0	\$3,057,067	\$2,810,000	(\$247,067)
COMPLETION	23.54	\$295,430	\$3,236,377	\$4,069,974	\$833,597

**Daily Operations**

Rig					
Drilled Last 24 Hours (ft)	End Depth (ftKB)	End Depth (TVD) (ftKB)	DFS (days)	Report Number	Report End Date
0.00	16,376.0	8,089.1	119.31	56	1/19/2014
Last Casing String					
PRODUCTION 1, 16,376.0ftKB					
Status at 6 AM			24 Hour Forecast		
FRAC STG 23			FRAC WELL PER PROCEDURE		

**Time Log**

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	06:30	0.50	STIM	ACTIVE	STG 23 RU HES, MK WT, HES WHIT TO FRAC HORIZONTAL PERFORATIONS 11,820'-12,002' DESIGN: 251,800 GALS SLICKWATER, 99,750 LBS 100 MESH AND 127,750 LBS 40/70 OTTAWA SAND DOWN 5 1/2" 17# P-110 CASING. PUMPED AS FOLLOWS: OPENING WELL PSI: 2,446 PSI BREAK DOWN: 4,781PSI AVG PRESS 5,467 PSI / AVG RATE 80 BPM MAX PRESS 6,820 PSI / MAX RATE 80 BPM ISIP: 3,220 PSI / FG .86 PSI/FT USED 1,500 GALS 15% HCL ACID USED 3,739 BBLS CLEAN USED 1,909 BBLS PRODUCED TOTAL LOAD: 5,648 BBLS USED 89,475 LBS 100 MESH USED 109,147 LBS 40/70 OTTAWA SAND PUMPED AS DESIGNED
06:30	13:30	7.00	PERF	ACTIVE	STG 24 RU CDK WIRELINE TO PERF. PUMPED DOWN 4 EACH 3 3/8" GUNS AND HALLIBURTON BALL DROP CFP TO 10,830' AND SET. PERF STAGE 24: 10,620-22' 10,680-82' 10,740-42' 10,800-02' W/ 6 SPF, 0.42" EHD, 60° PHASED, 25 GRAM CHG (6 JSPF), 48 HOLES TOTAL. POOH W/ GUNS AND SETTING TOOL. ALL SHOTS FIRED. CREST PUMPDOWN BBLS---133 BBLS
13:30	15:00	1.50	STIM	ACTIVE	STG 24 RU HES, MK WT, HES WHIT TO FRAC HORIZONTAL PERFORATIONS 10,620-10,802' DESIGN: 251,800 GALS SLICKWATER, 99,750 LBS 100 MESH AND 127,750 LBS 40/70 OTTAWA SAND DOWN 5 1/2" 17# P-110 CASING. PUMPED AS FOLLOWS: OPENING WELL PSI: 2,716 PSI BREAK DOWN: 2,406 PSI AVG PRESS 5,944 PSI / AVG RATE 81 BPM MAX PRESS 6,736 PSI / MAX RATE 82 BPM ISIP: 3,081 PSI / FG .84 PSI/FT USED 1,500 GALS 15% HCL ACID USED 3,617 BBLS CLEAN USED 1,716 BBLS PRODUCED TOTAL LOAD: 5,333 BBLS USED 90,226 LBS 100 MESH USED 10,8237 LBS 40/70 OTTAWA SAND PUMPED AS DESIGNED



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PERMIAN BASIN	REAGAN	LIN (WOLFCAMP)		PB TEXAS EAST		TX	
Surface Legal Location	API/UWI	Latitude (°)	Longitude (°)	Ground Elev...	KB - GL (ft)	Orig KB Elev (ft)	Tubing Head Elevation (ft)
SEC 36, BLK 10, ULS	4238338405	31° 13' 39.638" N	101° 33' 15.151" W	2,751.00	25.00	2,776.00	

## Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
15:00	18:00	3.00	PERF	ACTIVE	STG 25 RU CDK WIRELINE TO PERF. PUMPED DOWN 4 EACH 3 3/8" GUNS AND HALLIBURTON BALL DROP CFP TO 10,590' AND SET. PERF STAGE 25: 10,380-82' 10,440-42' 10,500-02' 10,560-62' W/ 6 SPF, 0.42" EHD, 60° PHASED, 25 GRAM CHG (6 JSPF), 48 HOLES TOTAL. POOH W/ GUNS AND SETTING TOOL. ALL SHOTS FIRED. CREST PUMPDOWN BBLS---124 BBLS
18:00	19:30	1.50	PERF	ACTIVE	--DELAY FOR HALLIBURTON TO GET PUMPS READY -- CDK FOR MISFIRE WAIT TO REHEAD ROPE SOCKET AND TO MAKE SECOND RUN ---AFTER EQUALIZING HES TOOL OPENED WHICH GUN STRING HIT TOP OF LUBRICATOR CASUING THE E-LINE TO BE CRUSHED. RIG DOWN LUBRICATOR AND PULL OFF 150' OF LINE TO REHEAD ROPE SOCKET. --MEANWHILE WILL FRAC STG 25 ON 6H WHILE DOING ABOVE WORK
19:30	20:00	0.50	SAFETY	ACTIVE	HAD ALL SERVICE PERSONELL GATHER AT THE ENTRANCE OF LOCATION FOR SAFETY MEETING.
20:00	21:30	1.50	STIM	ACTIVE	STG 25 RU HES, MK WT, HES WHIT TO FRAC HORIZONTAL PERFORATIONS 10380-10562' DESIGN: 251,800 GALS SLICKWATER, 99,750 LBS 100 MESH AND 127,750 LBS 40/70 OTTAWA SAND DOWN 5 1/2" 17# P-110 CASING. PUMPED AS FOLLOWS: OPENING WELL PSI: 2396 PSI BREAK DOWN: 4400 PSI AVG PRESS 5756 PSI / AVG RATE 74 BPM MAX PRESS 6443 PSI / MAX RATE 81 BPM ISIP: 2895 PSI / FG .816 PSI/FT USED 1,500 GALS 15% HCL ACID USED 3847 BBLS CLEAN USED 1692 BBLS PRODUCED TOTAL LOAD: 5539 BBLS USED 87161 LBS 100 MESH USED 111358 LBS 40/70 OTTAWA SAND PUMPED AS DESIGNED
21:30	01:30	4.00	SHUTDOWN	ACTIVE	AWAIT WIRELINE TO MAKE 2ND ATTEMPT FOR STG 33 ON 5H
01:30	06:00	4.50	PERF	ACTIVE	STG 26 RU CDK WIRELINE TO PERF. PUMPED DOWN 4 EACH 3 3/8" GUNS AND HALLIBURTON BALL DROP CFP TO 10350' AND SET. PERF STAGE 26: 10140-42 10200-02 10260-62 10320-22 W/ 6 SPF, 0.42" EHD, 60° PHASED, 25 GRAM CHG (6 JSPF), 48 HOLES TOTAL. POOH W/ GUNS AND SETTING TOOL. ALL SHOTS FIRED. CREST PUMPDOWN BBLS---169 BBLS