

**UNIVERSITY 10 3606HR**

Wellbore Name: OH

**WEST UNRESTRICTED****CONFIDENTIAL****Partner Report****Report # 57 Date: 1/20/2014 06:00**

District PERMIAN BASIN	County REAGAN	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location SEC 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
--------------------------------------	-------------------------------------	-----------------------------	-----------------------

**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) \$254,843	Cum To Date (Cost) \$6,548,287	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	24.54	\$254,843	\$3,491,220	\$4,069,974	\$578,754

**Daily Operations**

Rig					
Drilled Last 24 Hours (ft) 0.00	End Depth (ftKB) 16,376.0	End Depth (TVD) (ftKB) 8,089.1	DFS (days) 120.31	Report Number 57	Report End Date 1/20/2014
Last Casing String PRODUCTION 1, 16,376.0ftKB					
Status at 6 AM FRAC STG 26			24 Hour Forecast CONTINUE FRAC THEN SHUTDOWN FOR SAFETY SHUTDOWN		

**Time Log**

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	07:30	1.50	STIM	ACTIVE	STG 26 RU HES, MK WT, HES WHIT TO FRAC HORIZONTAL PERFORATIONS 10,140-10,322' 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: 2,395 PSI BREAK DOWN: 4,538 PSI AVG PRESS 5,883 PSI / AVG RATE 81 BPM MAX PRESS 6,662 PSI / MAX RATE 81 BPM ISIP: 2,935 PSI / FG .82 PSI/FT USED 1,500 GALS 15% HCL ACID USED 3,791 BBLS CLEAN USED 1,659 BBLS PRODUCED TOTAL LOAD: 5,450 BBLS USED 91,960 LBS 100 MESH USED 110,159 LBS 40/70 OTTAWA SAND PUMPED AS DESIGNED
07:30	09:30	2.00	PERF	ACTIVE	STG 27 RU CDK WIRELINE TO PERF. PUMPED DOWN 4 EACH 3 3/8" GUNS AND HALLIBURTON BALL DROP CFP TO 10350' AND SET. PERF STAGE 27: 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---97 BBLS
09:30	11:00	1.50	STIM	ACTIVE	STG 27 RU HES, MK WT, HES WHIT TO FRAC HORIZONTAL PERFORATIONS 10,140'-10322' 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: 2,038 PSI BREAK DOWN: 3,050 PSI AVG PRESS 6,165 PSI / AVG RATE 81 BPM MAX PRESS 7,124 PSI / MAX RATE 82 BPM ISIP: 3,058 PSI / FG .84 PSI/FT USED 1,500 GALS 15% HCL ACID USED 3,832 BBLS CLEAN USED 1,645 BBLS PRODUCED TOTAL LOAD: 5,477 BBLS USED 88,297 LBS 100 MESH USED 111,115 LBS 40/70 OTTAWA SAND PUMPED AS DESIGNED



Partner Report

Report # 57 Date: 1/20/2014 06:00

District	County	Field Name	Project Group	State/Province			
PERMIAN BASIN	REAGAN	LIN (WOLFCAMP)	PB TEXAS EAST	TX			
Surface Legal Location	API/UWI	Latitude (°)	Longitude (°)	Ground Elev...	KB - GL (ft)	Orig KB Elev (ft)	Tubing Head Elevation (ft)
SEC 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	
11:00	13:00	2.00	PERF	ACTIVE	STG 28 RU CDK WIRELINE TO PERF. PUMPED DOWN 4 EACH 3 3/8" GUNS AND HALLIBURTON BALL DROP CFP TO 9,870' AND SET. PERF STAGE 28: 9,660-62' 9,720-22' 9,780-82' 9,840-42' 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---85 BBLS	
13:00	14:30	1.50	STIM	ACTIVE	STG 28 RU HES, MK WT, HES WHIT TO FRAC HORIZONTAL PERFORATIONS 9,660'-10082' 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: 2,519 PSI BREAK DOWN: 4,891 PSI AVG PRESS 5,402 PSI / AVG RATE 81 BPM MAX PRESS 5,977 PSI / MAX RATE 82 BPM ISIP: 3,145 PSI / FG .85 PSI/FT USED 1,500 GALS 15% HCL ACID USED 3,828 BBLS CLEAN USED 1,677 BBLS PRODUCED TOTAL LOAD: 5,505 BBLS USED 91,057 LBS 100 MESH USED 108,627 LBS 40/70 OTTAWA SAND PUMPED AS DESIGNED	
14:30	16:30	2.00	PERF	ACTIVE	STG 29 RU CDK WIRELINE TO PERF. PUMPED DOWN 4 EACH 3 3/8" GUNS AND HALLIBURTON BALL DROP CFP TO 9,630' AND SET. PERF STAGE 29: 9,420-22' 9,480-82' 9,540-42' 9,600-02' 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---80 BBLS	