



UNIVERSITY 10 3606HR  
Wellbore Name: OH

WEST UNRESTRICTED  
CONFIDENTIAL

Partner Report

Report # 53 Date: 1/16/2014 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	

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) \$254,176	Cum To Date (Cost) \$5,482,274	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	20.54	\$254,176	\$2,425,208	\$4,069,974	\$1,644,766

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) 116.31	Report Number 53	Report End Date 1/16/2014
Last Casing String PRODUCTION 1, 16,376.0ftKB					
Status at 6 AM WIRELINE FOR STG 15			24 Hour Forecast FRAC WELL PER PROCEDURE		

Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	08:00	2.00	PERF	ACTIVE	STG 15 RU CDK WIRELINE TO PERF ST15. PUMPED DOWN 4 EACH 3 3/8" GUNS AND HALLIBURTON BALL DROP CFP TO 12,230' AND SET. PERF STAGE 15: 12,780-82' 12,840-42' 12,900-02' 12,960-62' 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---287 BBLS
08:00	09:30	1.50	STIM	ACTIVE	STG 15 RU HES, MK WT, HES WHIT TO FRAC HORIZONTAL PERFORATIONS 12,780'-12,962' 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: 2,530 PSI BREAK DOWN: 4633 PSI AVG PRESS 5,525 PSI / AVG RATE 81 PM MAX PRESS 6,046 PSI / MAX RATE 81 BPM ISIP: 3,339 PSI / FG .88 PSI/FT USED 1,500 GALS 15% HCL ACID USED 5,013 BBLS CLEAN USED 734 BBLS PRODUCED TOTAL LOAD: 5,747 BBLS USED 90,212 LBS 100 MESH USED 108,424 LBS 40/70 OTTAWA SAND PUMPED AS DESIGNED
09:30	12:00	2.50	PERF	ACTIVE	STG 16 RU CDK WIRELINE TO PERF ST16. PUMPED DOWN 4 EACH 3 3/8" GUNS AND HALLIBURTON BALL DROP CFP TO 12,750' AND SET. PERF STAGE 16: 12,540-42' 12,600-02' 12,660-62' 12,720-22' 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---274 BBLS

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**Time Log**

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
12:00	14:00	2.00	STIM	ACTIVE	STG 16 RU HES, MK WT, HES WHIT TO FRAC HORIZONTAL PERFORATIONS 12,540'-12,722' 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: 2,423 PSI BREAK DOWN: 4,171 PSI AVG PRESS 5,604 PSI / AVG RATE 79 PM MAX PRESS 8,262 PSI / MAX RATE 79 BPM ISIP: 3,104 PSI / FG .84 PSI/FT USED 1,500 GALS 15% HCL ACID USED 6,272 BBLS CLEAN USED 802 BBLS PRODUCED TOTAL LOAD: 7,074 BBLS USED 104,070 LBS 100 MESH USED 97,250 LBS 40/70 OTTAWA SAND  NOTE: SAND NUMBERS WERE AFFECTED BY EQUIPMENT PROBLEMS WITH THE BLENDER. REPAIRS IN PROGRESS AS OF THIS REPORT.
14:00	17:30	3.50	PERF	ACTIVE	STG 17 RU CDK WIRELINE TO PERF ST 17. PUMPED DOWN 4 EACH 3 3/8" GUNS AND HALLIBURTON BALL DROP CFP TO 12,510' AND SET. PERF STAGE 17: 12,300-02' 12,360-62' 12,420-22' 12,480-82' 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---260 BBLS
17:30	00:30	7.00	SHUTDOWN	ACTIVE	AWAITING HES TO REPAIR BLENDER AND COMPLETION OF STG 24 ON THE 5H; COMPLETED ZONE ON 5H. FRAC COMPLETE HOWEVER WAITING FOR HES TO REPLACE BAD CUPS ON WHIT FOR THE 5H BEFORE PROCEEDING ON THE 6H
00:30	02:30	2.00	STIM	ACTIVE	STG 17 RU HES, MK WT, HES WHIT TO FRAC HORIZONTAL PERFORATIONS 12300-12482' 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: 2360 PSI BREAK DOWN: 3964 PSI AVG PRESS 5325 PSI / AVG RATE 77 BPM MAX PRESS 6091 PSI / MAX RATE 77 BPM ISIP: 3553 PSI / FG XXX PSI/FT USED 1,500 GALS 15% HCL ACID USED 5069 BBLS CLEAN USED 558 BBLS PRODUCED TOTAL LOAD: 5627 BBLS USED 89500 LBS 100 MESH USED 109539 LBS 40/70 OTTAWA SAND PUMPED AS DESIGNED
02:30	06:00	3.50	PERF	ACTIVE	STG 18 RU CDK WIRELINE TO PERF ST 18. PUMPED DOWN 4 EACH 3 3/8" GUNS AND HALLIBURTON BALL DROP CFP TO 12,270' AND SET. PERF STAGE 18: 12,060-62' 12,120-22' 12,180-82' 12,240-42' 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---232 BBLS