

**UNIVERSITY 10 3606HR**

Wellbore Name: OH

WEST UNRESTRICTED**CONFIDENTIAL****Partner Report****Report # 51 Date: 1/14/2014 06:00**

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|---|-----------------------|-----------------------------------|-------------------------------------|----------------------------|-----------------------|-------------------------------|----------------------------|
| 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) \$318,290 | Cum To Date (Cost) \$4,953,832 | 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 | 18.54 | \$318,290 | \$1,896,765 | \$4,069,974 | \$2,173,209 |

Daily Operations

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|--|------------------------------|-----------------------------------|---|---------------------|------------------------------|
| Rig | | | | | |
| Drilled Last 24 Hours (ft) 0.00 | End Depth (ftKB) 16,376.0 | End Depth (TVD) (ftKB) 8,089.1 | DFS (days) 114.31 | Report Number 51 | Report End Date 1/14/2014 |
| Last Casing String PRODUCTION 1, 16,376.0ftKB | | | | | |
| Status at 6 AM FRAC STAGE 7 | | | 24 Hour Forecast 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 7 RU HES, MK WT, HES WHIT TO FRAC HORIZONTAL PERFORATIONS 14940-15122' 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: 2,509 PSI / BREAK DOWN: 3,905 PSI AVG PRESS 5,837 PSI / AVG RATE 80 PM MAX PRESS 7,283 PSI / MAX RATE 80 BPM ISIP: 3,466 PSI / FG .89 PSI/FT USED 1,500 GALS 15% HCL ACID USED 4,919 BBLS CLEAN USED 658 BBLS PRODUCED TOTAL LOAD: 5,577 BBL USED 90,386 LBS 100 MESH / USED 106,410 LBS 40/70 OTTAWA SAND PUMPED AS DESIGNED |
| 06:30 | 13:30 | 7.00 | PERF | ACTIVE | STG 8 RU CDK WIRELINE TO PERF STG 8. PUMPED DOWN 4 EACH 3 3/8" GUNS AND HALLIBURTON BALL DROP CFP TO 14670 AND SET. PERF STAGE 8: 14460-62 14520-22 14580-82 14640-42 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---422 BBLS NOTE: WIRELINE WAS DOWN TO RE-HEAD THEN HAD TO DELAY PERFORATING BECAUSE THEY COULD NOT RIG UP WITH A FRAC IN PROGRESS. |
| 13:30 | 15:00 | 1.50 | STIM | ACTIVE | STG 8 RU HES, MK WT, HES WHIT TO FRAC HORIZONTAL PERFORATIONS 14,460' - 14,642' 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: 2,517 PSI / BREAK DOWN: 4,123 PSI AVG PRESS 5,805 PSI / AVG RATE 81 PM MAX PRESS 6,390 PSI / MAX RATE 81 BPM ISIP: 3,053 PSI / FG .84 PSI/FT USED 1,500 GALS 15% HCL ACID USED 4,987 BBLS CLEAN USED 708 BBLS PRODUCED TOTAL LOAD: 5,695 BBL USED 90,250 LBS 100 MESH / USED 108,843 LBS 40/70 OTTAWA SAND PUMPED AS DESIGNED |



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Time Log

| Start Time | End Time | Dur (hr) | Operation | Ops Status | Description |
|------------|----------|----------|-----------|------------|---|
| 15:00 | 17:00 | 2.00 | PERF | ACTIVE | STG 9 RU CDK WIRELINE TO PERF ST 9. PUMPED DOWN 4 EACH 3 3/8" GUNS AND HALLIBURTON BALL DROP CFP TO 14670 AND SET. PERF STAGE 9: 14220-22 14280-82 14340-42 14400-02 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---376 BBLS |
| 17:00 | 22:00 | 5.00 | SHUTDOWN | ACTIVE | AWAIT COMPLETION ON 5H; DOWN FOR LEAK ON HES DISCHARGE MANIFOLD TO BE REPAIRED. LOW PRESSURE WATER LINE BROKE |
| 22:00 | 23:30 | 1.50 | STIM | ACTIVE | STG 9 RU HES, MK WT, HES WHIT TO FRAC HORIZONTAL PERFORATIONS 14220-14402' 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 2474 PSI: PSI / BREAK DOWN 4033: PSI AVG PRESS 5846 PSI / AVG RATE 81 PM MAX PRESS 6545 PSI / MAX RATE 81 BPM ISIP: 3268 PSI / FG .86 PSI/FT USED 1,500 GALS 15% HCL ACID USED 5038 BBLS CLEAN USED 534 BBLS PRODUCED TOTAL LOAD: 5572 BBL USED 90432 LBS 100 MESH / USED 105048 LBS 40/70 OTTAWA SAND PUMPED AS DESIGNED |
| 23:30 | 02:30 | 3.00 | PERF | ACTIVE | STG 10 RU CDK WIRELINE TO PERF ST 10. PUMPED DOWN 4 EACH 3 3/8" GUNS AND HALLIBURTON BALL DROP CFP TO 14190 AND SET. PERF STAGE 10: 13980-82 14040-42 14100-02 14160-62 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--- 360 BBLS |
| 02:30 | 04:00 | 1.50 | STIM | ACTIVE | STG 10 RU HES, MK WT, HES WHIT TO FRAC HORIZONTAL PERFORATIONS 13980-14162' 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: 2559 PSI / BREAK DOWN: 3940 PSI AVG PRESS 5563 PSI / AVG RATE 81 PM MAX PRESS 5940 PSI / MAX RATE 81 BPM ISIP:3413 PSI / FG .885 PSI/FT USED 1,500 GALS 15% HCL ACID USED 4999 BBLS CLEAN USED 555 BBLS PRODUCED TOTAL LOAD: 5554 BBL USED 89406 LBS 100 MESH / USED 108897 LBS 40/70 OTTAWA SAND PUMPED AS DESIGNED |
| 04:00 | 06:00 | 2.00 | PERF | ACTIVE | STG 11 RU CDK WIRELINE TO PERF ST 11. PUMPED DOWN 4 EACH 3 3/8" GUNS AND HALLIBURTON BALL DROP CFP TO 13950 AND SET. PERF STAGE 11: 13740-42 13800-02 13860-62 13920-22 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--- 309 BBLS FRACING STG 11 AT REPORT TIME |