

KERR-MCGEE OIL AND GAS ONSHORE LP
STATE 6-16
SW NW 16 1N 68W 1,466' FNL 1,025' FWL
WELD,COLORADO
10/01/2014

AREA: W3 **ROUTE: W36** **Spud: 12/11/2008** **WINS No.: 92921** **AFE/WO#: 88435759** **API#: 0512329114**

GL: 5160 **KB: 5175** **MTD: 8228** **TVD: 8107** **LOG MD: 8230** **PBMD: 8188** **PBTVD: 8066**

Directions: **WCR 10 & WCR 5; EAST 2/10 MILE; SOUTH 3/10 MILE INTO**

| <u>HOLE SECTIONS</u> | | <u>Size</u> | <u>Top</u> | <u>Btm</u> | <u>TD Date</u> | | | |
|----------------------|--------------------|---------------|--------------------|----------------|----------------|-----------------|--------------|-----------------|
| SURFACE | | 12.25 | 15 | 1005 | 12/12/2008 | | | |
| PRODUCTION | | 7.88 | 1005 | 8228 | 12/15/2008 | | | |
| <u>TUBULARS</u> | <u>Tool Type</u> | <u>Joints</u> | <u>Size</u> | <u>Weight</u> | <u>Grade</u> | <u>Thread</u> | <u>Top D</u> | <u>Bottom D</u> |
| SURFACE CASING | | | | | | | | |
| | Casing | 21 | 8.00 | 24.00 | I-80 | ST&C | 15 | 953 |
| | Baffle | 1 | 8.00 | | | | 953 | 953 |
| | Casing | 1 | 8.00 | 24.00 | I-80 | ST&C | 953 | 998 |
| | Casing Guide Shoe | 1 | 8.00 | | | | 998 | 999 |
| PRODUCTION CASING | | | | | | | | |
| | Casing | 187 | 4.00 | 11.60 | I-80 | 8RD LTC | 15 | 8188 |
| | Latch Down Baffle | 1 | 4.00 | | | | 8188 | 8188 |
| | Shoe Joint | 1 | 4.00 | 11.60 | I-80 | 8RD LTC | 8188 | 8216 |
| | Casing Float Shoe | 1 | 4.00 | | | | 8216 | 8218 |
| PRODUCTION TUBING | | | | | | | | |
| | Tubing | 253 | 2.37 | 4.70 | J-55 | External-Ups | 15 | 8000 |
| | XN Profile Nipple | 1 | 2.38 | | | | 8000 | 8001 |
| | Notched Collar | 1 | 2.38 | | | | 8001 | 8001 |
| <u>CEMENT JOBS</u> | <u>Stage</u> | <u>Sacks</u> | <u>Cement Jobs</u> | | | <u>Top D</u> | <u>Btm D</u> | <u>cbl</u> |
| SURFACE CASING | | | | | | | | |
| | PRIM CMT 1ST STAGE | 630 | LEAD | TYPE 3 | | 238 | 999 | No |
| | ONE INCH JOB | | | TOP OUT TYPE 3 | | 15 | 238 | No |
| PRODUCTION CASING | | | | | | | | |
| | PRIM CMT 1ST STAGE | 480 | LEAD | ECONOCM | | 3400 | 7250 | Yes |
| | PRIM CMT 1ST STAGE | 155 | TAIL | FRACCEN | | 7250 | 8228 | Yes |
| PRODUCTION CASING | | | | | | | | |
| | SQUEEZE JOB | 300 | LEAD | FRESH WATER | | 2870 | 3420 | Yes |
| PRODUCTION CASING | | | | | | | | |
| | SQUEEZE JOB | 200 | LEAD | FRESH WATER | | 838 | 1701 | Yes |
| <u>PERFORATIONS</u> | | | | | | | | |
| <u>Formation</u> | <u>Zone</u> | <u>Top</u> | <u>Btm</u> | <u>Date</u> | <u>Reason</u> | <u>Comments</u> | | |
| | | 1700 | 1701 | 08/22/2014 | CEMENT SQUEEZE | | | |
| | | 3420 | 3421 | 08/21/2014 | CEMENT SQUEEZE | | | |
| NIOBRARA | A | 7657 | 7663 | 01/28/2009 | PRODUCTION | NIO A | | |
| NIOBRARA | B | 7798 | 7808 | 01/28/2009 | PRODUCTION | NIO B | | |
| NIOBRARA | C | 7904 | 7908 | 01/28/2009 | PRODUCTION | NIO C | | |
| CODELL | | 8038 | 8054 | 01/22/2009 | PRODUCTION | | | |

Comments: