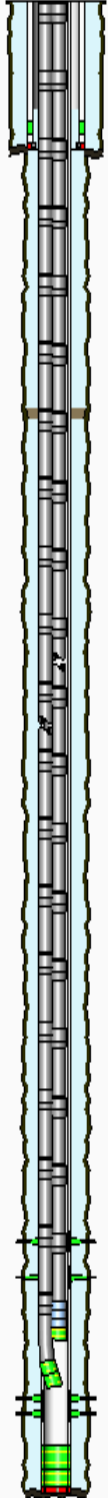


**KERR-MCGEE OIL AND GAS ONSHORE LP**  
**SEC FOUR 21-4**  
**NW NW 4 1N 68W 1,293' FNL 1,302' FWL**  
**WELD,COLORADO**  
**10/22/2013**

AREA: S3      ROUTE: S37    Spud: 06/28/2009    WINS No.: 15945    AFE/WO#: 88413193    API#: 0512329456

GL: 5028    KB: 5043    MTD: 8075    TVD: 7936    LOG MD: 8044    PBMD: 8032    PBTVD: 7893

Directions: **WCR 12 & WCR 5, N 5/10, E INTO**



| <u>HOLE SECTIONS</u> | <u>Size</u> | <u>Top</u> | <u>Btm</u> | <u>TD Date</u> |
|----------------------|-------------|------------|------------|----------------|
| SURFACE              | 12.25       | 15         | 830        | 06/28/2009     |
| PRODUCTION           | 7.88        | 830        | 8075       | 07/01/2009     |

| <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> |
|--------------------------|-------------------|---------------|-------------|---------------|--------------|---------------|--------------|-----------------|
| <b>SURFACE CASING</b>    |                   |               |             |               |              |               |              |                 |
|                          | Casing            | 17            | 8.63        | 24.00         | J-55         | STC           | 15           | 771             |
|                          | Baffle            | 1             | 8.63        |               |              |               | 771          | 771             |
|                          | Casing            | 1             | 8.63        | 24.00         | J-55         | STC           | 771          | 816             |
|                          | Casing Guide Shoe | 1             | 8.63        |               |              |               | 816          | 817             |
| <b>PRODUCTION CASING</b> |                   |               |             |               |              |               |              |                 |
|                          | Casing            | 191           | 4.50        | 11.60         | I-80         | 8RD LTC       | 15           | 8032            |
|                          | Latch Down Baffle | 1             | 4.50        |               | I-80         |               | 8032         | 8032            |
|                          | Shoe Joint        | 1             | 4.50        | 11.60         | I-80         | 8RD LTC       | 8032         | 8067            |
|                          | Casing Float Shoe | 1             | 4.50        |               | I-80         |               | 8067         | 8068            |
| <b>PRODUCTION TUBING</b> |                   |               |             |               |              |               |              |                 |
|                          | Tubing            | 252           | 2.38        | 4.70          | J-55         | External-Ups  | 15           | 7870            |
|                          | Seating Nipple    | 1             |             |               |              |               | 7870         | 7871            |
|                          | Notched Collar    | 1             |             |               |              |               | 7871         | 7872            |
| <b>PRODUCTION TUBING</b> |                   |               |             |               |              |               |              |                 |
|                          | Tubing            | 252           | 2.38        | 4.70          | J-55         | External-Ups  | 15           | 7881            |
|                          | XN Profile Nipple | 1             | 2.38        |               |              |               | 7881         | 7882            |
|                          | Notched Collar    | 1             | 2.38        |               |              |               | 7882         | 7882            |

| <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> |
|--------------------------|--------------------|--------------|--------------------|--------------|--------------|------------|
| <b>SURFACE CASING</b>    |                    |              |                    |              |              |            |
|                          | PRIM CMT 1ST STAGE | 475          | LEAD PREMIUM LITE  | 15           | 820          | No         |
| <b>PRODUCTION CASING</b> |                    |              |                    |              |              |            |
|                          | PRIM CMT 1ST STAGE | 885          | LEAD PREMIUM LITE  | 2524         | 7179         | Yes        |
|                          | PRIM CMT 1ST STAGE | 155          | TAIL 50/50 POZ-MIX | 7179         | 8069         | Yes        |
| <b>--None--</b>          |                    |              |                    |              |              |            |
|                          | ONE INCH JOB       | 405          | LEAD FRESH WATER   | 700          | 2453         | No         |

| <u>PERFORATIONS</u> | <u>Formation</u> | <u>Zone</u> | <u>Top</u> | <u>Btm</u> | <u>Date</u> | <u>Reason</u> | <u>Comments</u> |
|---------------------|------------------|-------------|------------|------------|-------------|---------------|-----------------|
|                     | NIORARA          | B           | 7670       | 7688       | 08/06/2009  | PRODUCTION    |                 |
|                     | NIORARA          | C           | 7783       | 7789       | 08/06/2009  | PRODUCTION    |                 |
|                     | CODELL           |             | 7904       | 7924       | 08/05/2009  | PRODUCTION    |                 |

Comments: