

**KERR-MCGEE OIL AND GAS ONSHORE LP**

**PSC 14-13**

**SW SW 13 3N 68W 990' FSL 1,225' FWL**

**WELD,COLORADO**

**04/24/2014**

**AREA: W2**

**ROUTE: W22 Spud: 07/25/1992**

**WINS No.: 74269**

**AFE/WO#: 88487158**

**API#: 0512315956**

**GL: 4894**

**KB: 4906**

**MTD: 7832**

**TVD: 7832**

**LOG MD: 7821**

**PBMD: 7786**

**PBTVD: 7786**

**Directions: WCR 13 & WCR 32, W 3/4, N 1/4 THRU BOTH GATES INTO**



| <u>HOLE SECTIONS</u> | <u>Size</u> | <u>Top</u> | <u>Btm</u> | <u>TD Date</u> |  |  |  |
|----------------------|-------------|------------|------------|----------------|--|--|--|
| SURFACE              | 12.25       | 12         | 523        | 07/24/1992     |  |  |  |
| PRODUCTION           | 7.88        | 508        | 7832       | 07/30/1992     |  |  |  |

  

| <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              | 12            | 8.63        | 24            |              |               | 12           | 508             |
| PRODUCTION CASING | Casing              | 118           | 4.50        | 11.6          | WC-70        |               | 12           | 4793            |
|                   | Cement Stage Too    | 1             | 4.50        |               |              |               | 4793         | 4798            |
|                   | Casing              | 74            | 4.50        | 11.6          | WC-70        |               | 4798         | 7786            |
|                   | Casing Float Collar | 1             | 4.50        |               |              |               | 7786         | 7788            |
|                   | Casing              | 1             | 4.50        | 11.6          | WC-70        |               | 7788         | 7817            |
|                   | Casing Guide Shoe   | 1             | 4.50        |               |              |               | 7817         | 7818            |
| PRODUCTION TUBING | Tubing              | 243           | 2.38        | 4.70          | J-55         | External-Ups  | 12           | 7645            |
|                   | XN Profile Nipple   | 1             | 2.38        |               |              |               | 7645         | 7646            |
|                   | Notched Collar      | 1             | 2.38        |               |              |               | 7646         | 7646            |

  

| <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     | STAGE 1         | 150          | LITE               | 12           | 250          | No         |
|                    | STAGE 1 TAIL    | 150          | G                  | 250          | 523          | No         |
| PRODUCTION CASING  | STAGE 2         | 385          | PREMIUM            | 3844         | 4792         | Yes        |
|                    | STAGE 1         | 255          | PREMIUM            | 6766         | 7832         | Yes        |
| --None--           | REMEDIAL CEMENT | 250          | LEAD FRESH WATER   | 450          | 1040         | 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> |
|---------------------|------------------|-------------|------------|------------|-------------|---------------|-----------------|
|                     | NIOBRARA         | B           | 7048       | 7049       | 07/15/1994  | PRODUCTION    | 1 SPF           |
|                     | NIOBRARA         | B           | 7051       | 7052       | 07/15/1994  | PRODUCTION    | 1 SPF           |
|                     | NIOBRARA         | B           | 7058       | 7059       | 07/15/1994  | PRODUCTION    | 1 SPF           |
|                     | NIOBRARA         | B           | 7060       | 7061       | 07/15/1994  | PRODUCTION    | 1 SPF           |
|                     | CODELL           |             | 7248       | 7266       | 04/08/2010  | PRODUCTION    |                 |
|                     | CODELL           |             | 7250       | 7260       | 07/15/1994  | PRODUCTION    | 1 SPF           |
|                     | J SAND           |             | 7684       | 7688       | 08/15/1992  | PRODUCTION    | 2 SPF           |
|                     | J SAND           |             | 7704       | 7720       | 08/15/1992  | PRODUCTION    | 2 SPF           |

**Comments:**