

## KERR-MCGEE OIL AND GAS ONSHORE LP

GURTLER 24-10J

NW SE 24 3N 65W 1,980' FSL 1,930' FEL

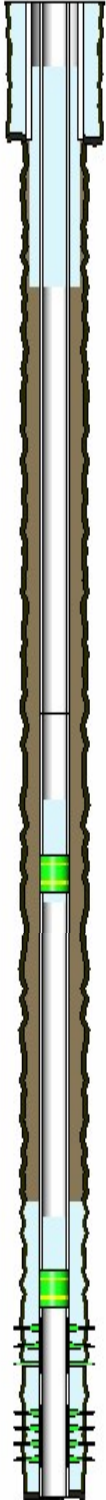
WELD,COLORADO

01/12/2015

AREA: ROUTE: Spud: 08/29/1991 WINS No.: J0478 AFE/WO#: 2106840 API#: 0512315152

GL: 4813 KB: 4822 MTD: TVD: LOG MD: PBMD: PBTVD:

Directions: CR 30 &amp; CR 49, W 1/2, N 1/2, E 1/10 N INTO



| HOLE SECTIONS | Size  | Top | Btm  | TD Date    |
|---------------|-------|-----|------|------------|
| SURFACE       | 12.25 | 9   | 652  | 08/29/1991 |
| PRODUCTION    | 7.88  | 652 | 7195 | 08/29/1991 |

| TUBULARS                  | Tool Type            | Joints | Size | Weight | Grade | Thread | Top D | Bottom D |
|---------------------------|----------------------|--------|------|--------|-------|--------|-------|----------|
| SURFACE CASING            | Casing               | 14     | 8.63 | 24.00  | WC-50 | ST&C   | 9     | 652      |
| PRODUCTION CASING         | Casing               | 152    | 4.50 | 11.60  | M-75  |        | 9     | 3360     |
|                           | Casing               | 174    | 4.50 | 11.60  | N80   |        | 3360  | 7195     |
| BRIDGE PLUG               | Cast Iron Bridge Plu | 1      | 4.50 |        |       |        | 6725  | 6726     |
| CAST IRON CEMENT RETAINER | Cement Retainer      | 1      | 4.50 |        |       |        | 4032  | 4033     |

| CEMENT JOBS       | Stage              | Sacks | Cement Jobs          | Top D | Btm D | cbl |
|-------------------|--------------------|-------|----------------------|-------|-------|-----|
| SURFACE CASING    | PRIM CMT 1ST STAGE | 440   | LEAD CEMENT          | 9     | 652   | No  |
| PRODUCTION CASING | PRIM CMT 1ST STAGE | 200   | LEAD CEMENT          | 6235  | 7195  | Yes |
| PRODUCTION CASING | ABANDONMENT PLUC   | 200   | DISPLACE FRESH WATER | 3850  | 4435  | No  |
| PRODUCTION CASING | ABANDONMENT PLUC   | 25    | DISPLACE CEMENT      | 6350  | 6725  | No  |
| SURFACE CASING    | ABANDONMENT PLUC   | 330   | DISPLACE CEMENT      | 305   | 1350  | No  |
| SURFACE CASING    | ABANDONMENT PLUC   | 60    | TOP OUT CEMENT       | 440   | 642   | No  |

| PERFORATIONS | Formation | Zone | Top  | Btm  | Date       | Reason         | Comments                 |
|--------------|-----------|------|------|------|------------|----------------|--------------------------|
|              | SUSSEX    |      | 4015 | 4016 | 12/14/2014 | CEMENT SQUEEZE |                          |
|              | SUSSEX    |      | 4435 | 4436 | 12/14/2014 | CEMENT SQUEEZE |                          |
|              | NIOBRARA  |      | 6786 | 6941 | 09/11/1991 | PRODUCTION     |                          |
|              | NIOBRARA  |      | 6786 | 6846 | 05/02/2006 | PRODUCTION     | REPERF / REFRAC NIOBRAR. |
|              | CODELL    |      | 7071 | 7079 | 09/05/1991 | PRODUCTION     |                          |
|              | CODELL    |      | 7082 | 7084 | 09/05/1991 | PRODUCTION     |                          |

Comments: