

KERR-MCGEE OIL AND GAS ONSHORE LP

**VANCE 14-36
SE SW 36 3N 67W -- --
WELD,COLORADO
03/09/2015**

AREA: WH

ROUTE: WH2 Spud: 05/18/2004

WINS No.: 74031

AFE/WO#: 2103355

API#: 0512322207

GL: 4820

KB: 4832

MTD: 7506

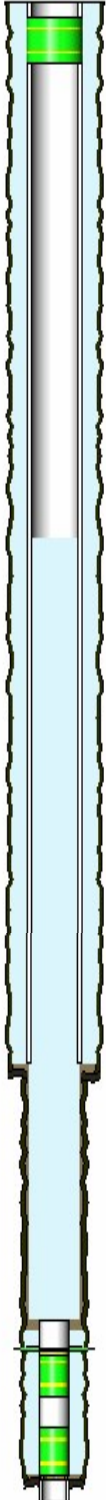
TVD: 7506

LOG MD: 7491

PBMD: 7465

PBTVD: 7465

Directions: CR 28 & CR 23 S 8/10, E 1/10 INTO



| <u>HOLE SECTIONS</u> | <u>Size</u> | <u>Top</u> | <u>Btm</u> | <u>TD Date</u> |
|----------------------|-------------|------------|------------|----------------|
| SURFACE | 12.25 | 12 | 958 | 05/19/2004 |
| PRODUCTION | 7.88 | 958 | 7506 | 05/22/2004 |

| <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 | 8.63 | 24 | J-55 | STC | 12 | 948 |
| BRIDGE PLUG | Cast Iron Bridge Plu | | 4.50 | | | | 6990 | 6991 |
| PRODUCTION CASING | Casing | 178 | 4.50 | 11.6 | I-80 | LTC | 1170 | 7465 |
| | Casing Float Collar | 1 | 4.50 | | | | 7465 | 7466 |
| | Casing | 1 | 4.50 | 11.6 | I-80 | LTC | 7466 | 7480 |
| | Casing Guide Shoe | 1 | 4.50 | | | | 7480 | 7481 |
| BRIDGE PLUG | Cast Iron Bridge Plu | 1 | 8.63 | | | | 80 | 82 |
| PRODUCTION CASING | Casing | 149 | 4.50 | 11.60 | K-55 | LTC | 1170 | 7465 |
| | | 1 | 4.50 | | | | 7465 | 7466 |
| | Casing | 1 | 4.50 | 11.60 | J-55 | LTC | 7466 | 7480 |
| | | 1 | 4.50 | | | | 7480 | 7481 |

| <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 | 665 | LEAD NEAT | 12 | 948 | No |
| PRODUCTION CASING | STAGE 3 | 180 | LITE | 3364 | 5494 | Yes |
| | STAGE 2 | 110 | LITE | 5494 | 6485 | Yes |
| | STAGE 1 | 180 | 50/50 POZ-MIX | 6485 | 7481 | Yes |
| PRODUCTION CASING | ABANDONMENT PLUC | | | 4040 | 4500 | No |
| PRODUCTION CASING | ABANDONMENT PLUC | 30 | LEAD FRESH WATER | 6650 | 6982 | No |
| PRODUCTION CASING | ABANDONMENT PLUC | 190 | LEAD FRESH WATER | 493 | 1270 | 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 | A | 7060 | 7062 | 06/01/2004 | PRODUCTION | |
| | NIOBRARA | A | 7060 | 7062 | 01/11/2010 | PRODUCTION | |
| | NIOBRARA | B | 7102 | 7112 | 06/01/2004 | PRODUCTION | |
| | NIOBRARA | B | 7106 | 7110 | 01/11/2010 | PRODUCTION | |
| | NIOBRARA | B | 7114 | 7118 | 06/01/2004 | PRODUCTION | |
| | NIOBRARA | C | 7170 | 7174 | 01/11/2010 | PRODUCTION | |
| | NIOBRARA | C | 7196 | 7200 | 01/11/2010 | PRODUCTION | |
| | CODELL | | 7320 | 7334 | 06/01/2004 | PRODUCTION | |

Comments: