

KERR-MCGEE OIL AND GAS ONSHORE LP

PSC 37-11

SW SE 11 3N 67W 46S' FSL 2,121' FEL

WELD,COLORADO

01/12/2015

AREA: N2

ROUTE: N22 Spud: 09/16/2006

WINS No.: 91707

AFE/WO#: 88636991

API#: 0512324048

GL: 4770

KB: 4786

MTD: 7442

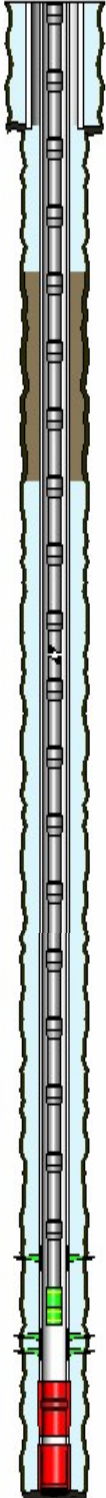
TVD: 7329

LOG MD: 7446

PBMD: 7391

PBTVD: 7278

Directions: WCR 32 1/2 & WCR 23, N 1/2, W & N INTO



| <u>HOLE SECTIONS</u> | | <u>Size</u> | <u>Top</u> | <u>Btm</u> | <u>TD Date</u> | | | |
|----------------------|---------------------|---------------|--------------|--------------------|----------------|-----------------|--------------|-----------------|
| SURFACE | | 12.25 | 16 | 744 | 09/17/2006 | | | |
| PRODUCTION | | 7.88 | 727 | 7442 | 09/21/2006 | | | |
| <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 | 16 | 8.63 | 24.00 | K-55 | STC | 16 | 727 |
| PRODUCTION CASING | | | | | | | | |
| | Casing | 176 | 4.50 | 11.60 | I-80 | LTC | 16 | 7391 |
| | Casing Float Collar | 1 | | | | | 7391 | 7392 |
| | Casing | 1 | 4.50 | 11.60 | I-80 | LTC | 7392 | 7434 |
| | Casing Guide Shoe | 1 | | | | | 7434 | 7435 |
| PRODUCTION TUBING | | | | | | | | |
| | Tubing | 230 | 2.38 | 4.70 | J-55 | External-Ups | 16 | 7268 |
| | XN Profile Nipple | 1 | 2.38 | | | | 7268 | 7269 |
| | Notched Collar | 1 | 2.38 | | | | 7269 | 7269 |
| <u>CEMENT JOBS</u> | | <u>Stage</u> | <u>Sacks</u> | <u>Cement Jobs</u> | | <u>Top D</u> | <u>Btm D</u> | <u>cbi</u> |
| SURFACE CASING | | | | | | | | |
| | PRIM CMT 1ST STAGE | 200 | LEAD | DJ - PREMIUM | | 16 | 502 | No |
| | PRIM CMT 1ST STAGE | 100 | TAIL | DJ - STANDARD | | 502 | 727 | No |
| PRODUCTION CASING | | | | | | | | |
| | PRIM CMT 1ST STAGE | 380 | LEAD | DJ - LITE | | 2740 | 4166 | Yes |
| | PRIM CMT 1ST STAGE | 100 | MIDDLE | DJ - LITE | | 4166 | 5880 | Yes |
| | PRIM CMT 1ST STAGE | 140 | TAIL | DJ - 50/50 POZ-MIX | | 5880 | 7435 | Yes |
| --None-- | | | | | | | | |
| | ONE INCH JOB | 255 | LEAD | TYPE 3 | | 708 | 1530 | 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> | | |
| NIOBRARA | A | 7038 | 7044 | 03/19/2010 | PRODUCTION | | | |
| NIOBRARA | B | 7084 | 7094 | 03/19/2010 | PRODUCTION | | | |
| NIOBRARA | C | 7156 | 7166 | 03/19/2010 | PRODUCTION | | | |
| CODELL | | 7283 | 7304 | 10/11/2006 | PRODUCTION | | | |

Comments: