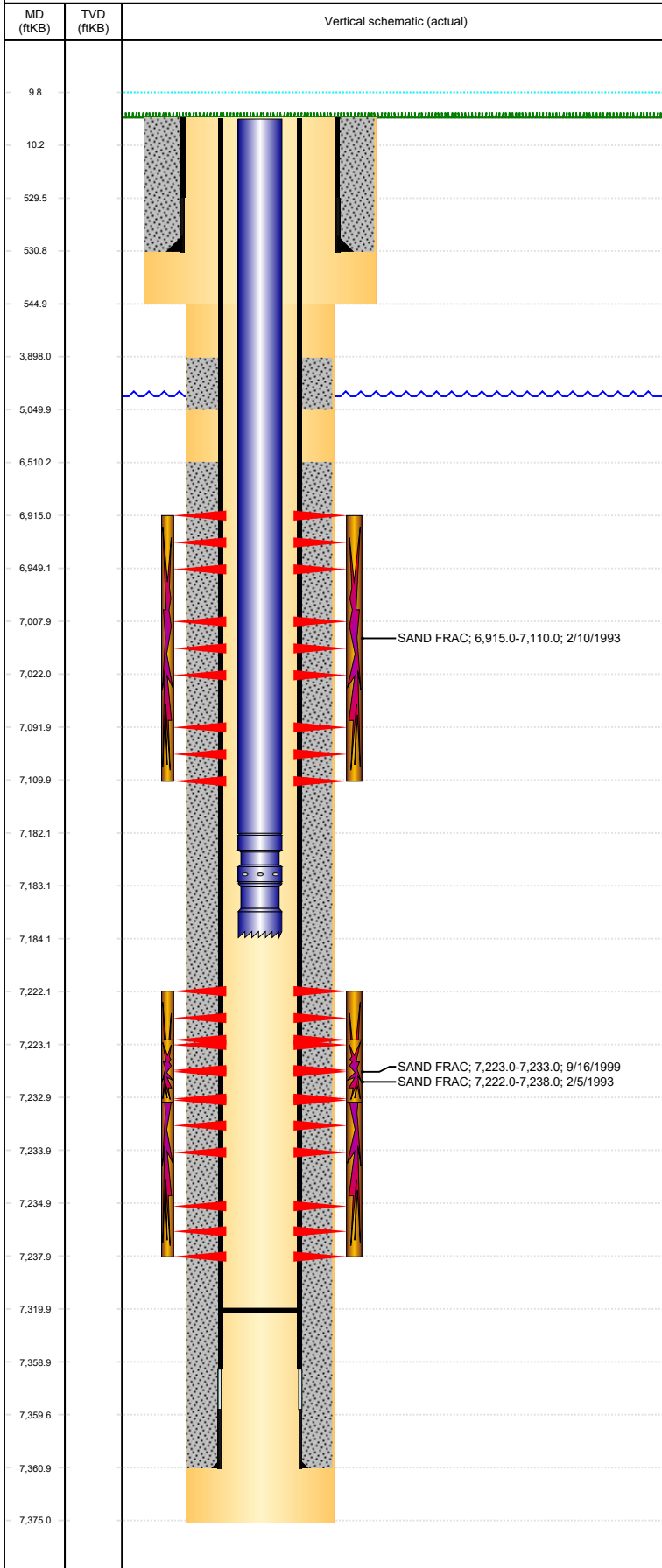


Well Name: KROPP FEDERAL 5-23

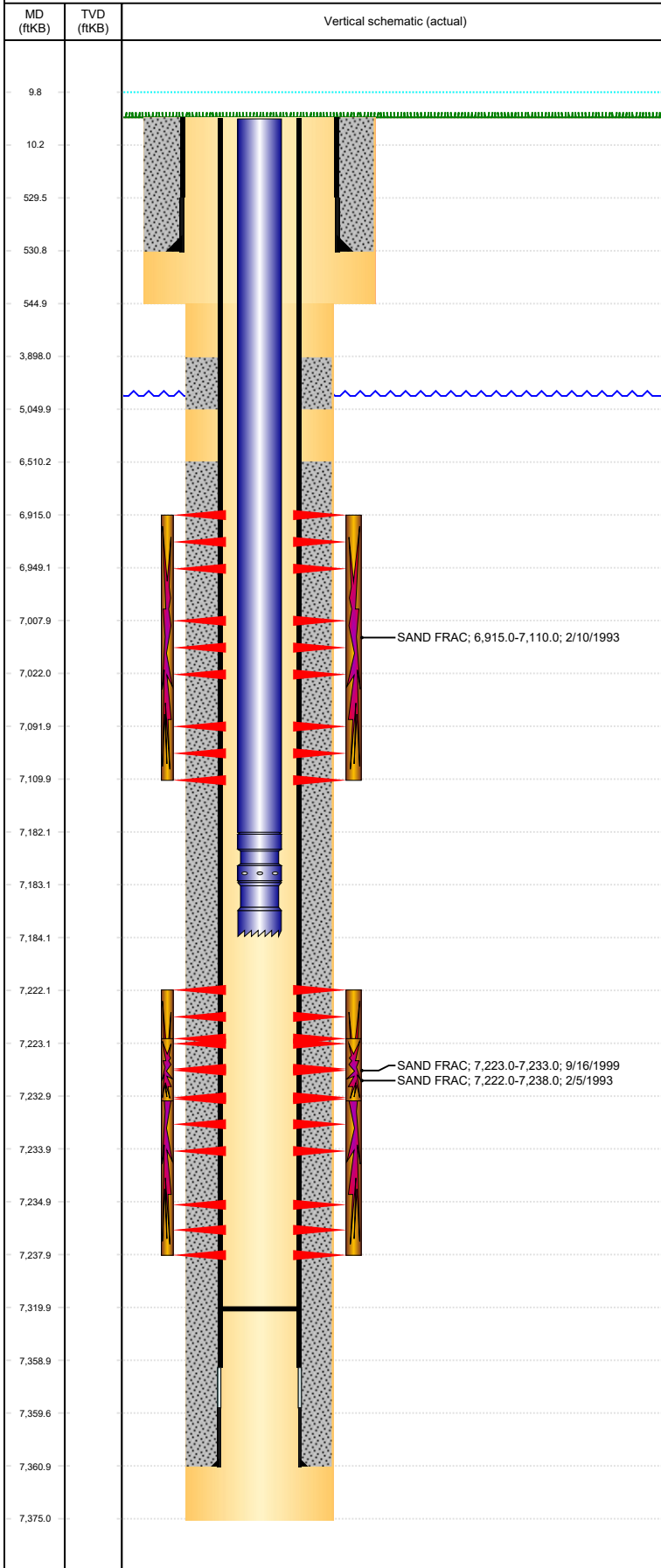
VERTICAL, ORIGINAL HOLE, 3/2/2022 11:38:34 AM



| Well Header | | | | | | |
|---|-------------------------------|---------------------------|--------------------------------|----------------------|------------------------|----------------------|
| API 05-123-16679 | Business Unit DJ BASIN | District 15 | Well Config VERTICAL | | | |
| Original KB Elevation (ft) 4,738 | KB - GL / MSL (ftKB) 10.00 | Spud Date 1/23/1993 | P & A Date | | | |
| Comment WELL DATA SKETCHY AND SPARSE. | | | | | | |
| Directions To Well | | | | | | |
| Congressional Location | | | | | | |
| Quarter 3 SW | Quarter 4 NW | Section 23 | Township 4 | Twncshp N/S Dir N | Range 66 | Range E/W Dir W |
| Bottom Hole Legal Location | | | | | | |
| Bottom Hole Legal Location | | | | | | |
| Plug Back Total Depths | | | | | | |
| Date | Depth (ftKB) | Method | Com | | | |
| 2/4/1993 | 7,306.0 | CASED HOLE LOG | DEPTH LOGGER ON CBL | | | |
| 2/13/1993 | 7,317.0 | TAG | CLEANOUT | | | |
| 1/31/2008 | 7,320.0 | TAG | CLEANOUT | | | |
| Wellbore Sections | | | | | | |
| Section Des | Size (in) | Act Top, MD (ftKB) | Act Btm, MD (ftKB) | | | |
| SURFACE | 12 1/4 | 10 | 545 | | | |
| PRODUCTION | 7 7/8 | 545 | 7,375 | | | |
| Zone Statuses | | | | | | |
| Zone Name | Status Date | Status | Fluid Type | Job | Prod Method | |
| NIOBRARA | 3/5/1993 | PR | | DRILLING/CO... | | |
| CODELL | 3/5/1993 | PR | | DRILLING/CO... | | |
| CODELL | 9/22/1993 | PR | | RE-FRAC, 9/13... | | |
| Casing Strings | | | | | | |
| Surface, 531.0ftKB | | | | | | |
| Casing Description Surface | Run Date 1/24/1993 | OD (in) 8 5/8 | Wt/Len (l... 24.00 | Grade J-55 | Top, MD (ft... 10.0 | MD (ftKB) 531.0 |
| Production, 7,361.0ftKB | | | | | | |
| Casing Description Production | Run Date 1/31/1993 | OD (in) 4 1/2 | Wt/Len (l... 11.60 | Grade I-70 | Top, MD (ft... 10.0 | MD (ftKB) 7,361.0 |
| Cement | | | | | | |
| Description SURFACE CASING CEMENT | Top Depth (ftKB) 10.0 | | Bottom Depth (ftKB) 531.0 | | | |
| Description PRODUCTION CASING CEMENT | Top Depth (ftKB) 3,898.0 | | Bottom Depth (ftKB) 5,050.0 | | | |
| Description PRODUCTION CASING CEMENT | Top Depth (ftKB) 6,510.0 | | Bottom Depth (ftKB) 7,361.0 | | | |
| Tubing Strings | | | | | | |
| Tubing Description Tubing - Production | Run Date 9/20/1999 | String... 2 3/8 | ID (in) 2.00 | Wt (lb/ft) 4.70 | Grade J-55 | Len (ft) 7,174.00 |
| Tubing Components | | | | | | |
| Item Des | OD (in) | Wt (lb/ft) | Grade | Jts | Len (ft) | Btm (ftKB) |
| EUE 8rd Tubing | 2 3/8 | 4.70 | J-55 | 219 | 7,172.00 | 7,182.0 |
| Pump Seating Nipple | 2 3/8 | 1.10 | | | 1.00 | 7,183.0 |
| Notched collar | 2 3/8 | | | | 1.00 | 7,184.0 |
| Other In Hole | | | | | | |
| Run Date | Des | Make | OD (in) | Top (ftKB) | Btm (ftKB) | Pr op R un ? |
| | | | | | | |
| Logs | | | | | | |
| Date | Type | Top, MD (ftKB) | Btm, MD (ftKB) | | | |
| 1/30/1993 | COMPENSATED DENSITY | 4,350.0 | 7,373.0 | | | |
| 1/30/1993 | INDUCTION | 530.0 | 7,373.0 | | | |
| 2/4/1993 | CEMENT BOND | 3,840.0 | 7,300.0 | | | |
| Perforation Data | | | | | | |
| Linked Zone | Bnch/St g | Sum of Entered Shot Total | Top (ftKB) | Btm (ftKB) | Date | |
| NIOBRARA, ORIGINAL HOLE | A | 9 | 6,915.00 | 6,949.00 | 2/8/1993 | |
| NIOBRARA, ORIGINAL HOLE | B | 6 | 7,008.00 | 7,022.00 | 2/8/1993 | |
| NIOBRARA, ORIGINAL HOLE | C | 2 | 7,092.00 | 7,110.00 | 2/8/1993 | |

Well Name: KROPP FEDERAL 5-23

VERTICAL, ORIGINAL HOLE, 3/2/2022 11:38:35 AM



| Linked Zone | Bnch/St g | Sum of Entered Shot Total | Top (ftKB) | Btm (ftKB) | Date |
|-----------------------|-----------|---------------------------|------------|------------|-----------|
| CODELL, ORIGINAL HOLE | | 26 | 7,222.00 | 7,234.00 | 2/5/1993 |
| CODELL, ORIGINAL HOLE | | 60 | 7,223.00 | 7,233.00 | 9/14/1999 |
| CODELL, ORIGINAL HOLE | | 4 | 7,235.00 | 7,238.00 | 2/5/1993 |
| Total | | 107 | | | |

| Interval... | Start Date | Primary Job Type | Zone |
|------------------|------------|--------------------------------|-----------------------|
| 1 | 2/5/1993 | DRILLING/COMPLETION - ORIGINAL | CODELL, ORIGINAL HOLE |
| Technical Result | | Tech Result Details | Tech Result Note |

Comment
FRAC'D VIA TBG & CSG

| Interval... | Start Date | Primary Job Type | Zone |
|------------------|------------|---------------------|-----------------------|
| 1 | 9/16/1999 | RE-FRAC | CODELL, ORIGINAL HOLE |
| Technical Result | | Tech Result Details | Tech Result Note |

Comment

| Interval... | Start Date | Primary Job Type | Zone |
|------------------|------------|--------------------------------|-------------------------|
| 2 | 2/10/1993 | DRILLING/COMPLETION - ORIGINAL | NIOBRARA, ORIGINAL HOLE |
| Technical Result | | Tech Result Details | Tech Result Note |

Comment
FRAC'D VIA TBG & CSG