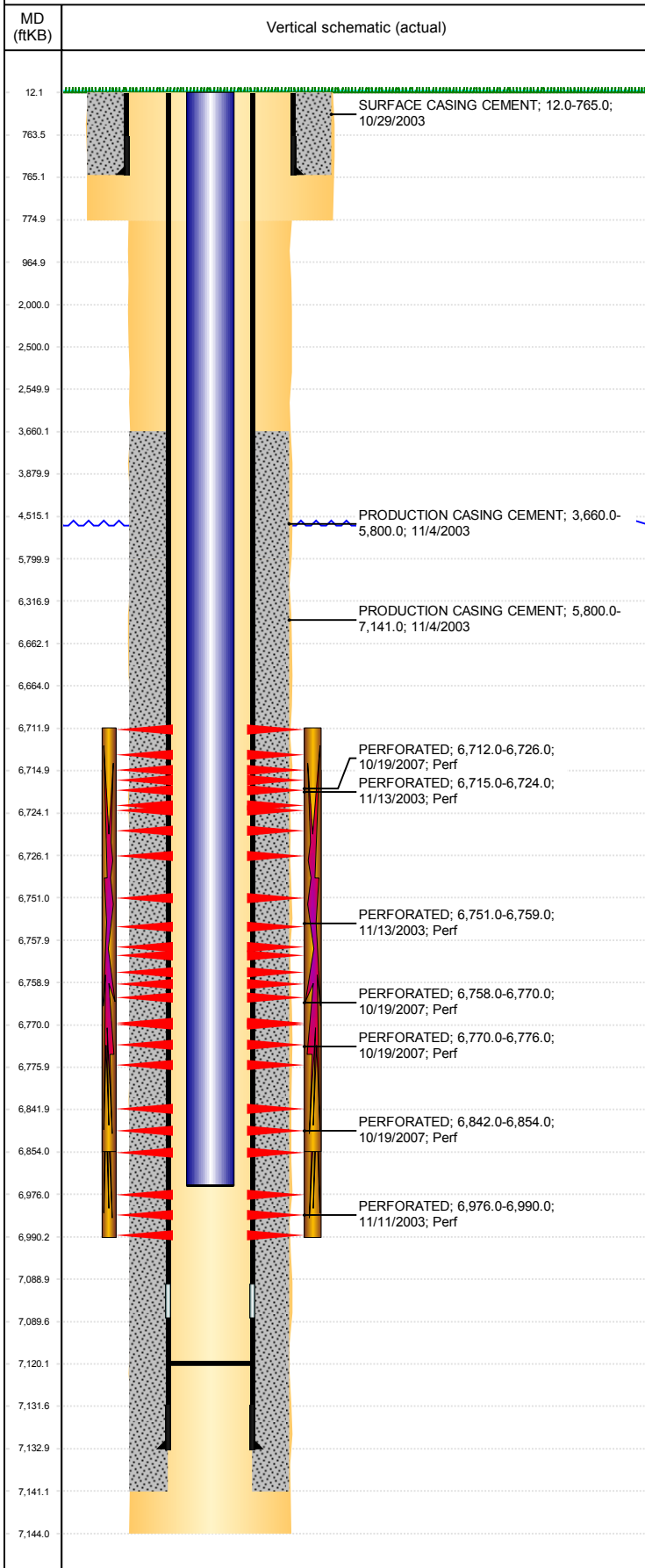


Well Name: LDS 18-8

VERTICAL, ORIGINAL HOLE, 11/30/2018 3:54:12 PM



| Well Header | | | | | | | | | |
|---|-------------|---------------------------|--------------------|---------------------|--|------------------------------|------------------------------------|---------------------------------------|------------|
| API 05-123-21725 | | Business Unit DJ BASIN | | | District 15 | | Well Config VERTICAL | | |
| KB - GL / MSL (ft... 12.00 | | Spud Date 10/29/2003 | | P & A Date | | Well Production Status PR | | | SoRT No |
| Comment LIMITED ENTRY. FORM 5 SHOWS BREAK IN CEMENT COVERAGE AROUND 5000' - 6300'. REFER TO CBL AS TO SHOWING COMPLETE COVERAGE. | | | | | | | | | |
| Surface Location (Congressional) | | | | | | | | | |
| Qtr 3 SE | Qtr 4 NW | Section 8 | Twnshp 3 | Twnsn... N | Range 64 | Rng E/... W | Actual Latitude (°) 40.24332840 | Actual Longitude (°) -104.57916290 | |
| Wellbore Sections | | | | | | | | | |
| Section Des | | | Size (in) | | | Act Top, MD (ftKB) | | Act Btm, MD (ftKB) | |
| SURFACE | | | 12 1/4 | | | 12 | | 775 | |
| PRODUCTION | | | 7 7/8 | | | 775 | | 7,144 | |
| Casing Strings | | | | | | | | | |
| Csg Des | | Run Date | | OD (in) | Wt/Len (lb/ft) | Grade | Top, MD (ftKB) | MD (ftKB) | |
| Surface | | 10/29/2003 | | 8 5/8 | 24.00 | J-55 | 12.0 | 765.0 | |
| Production | | 11/4/2003 | | 4 1/2 | 11.60 | I-80 | 12.0 | 7,133.0 | |
| Cement | | | | | | | | | |
| Des | | | | Start Date | | Top (ftKB) | | Btm (ftKB) | |
| SURFACE CASING CEMENT | | | | 10/29/2003 | | 12.0 | | 765.0 | |
| PRODUCTION CASING CEMENT | | | | 11/4/2003 | | 3,660.0 | | 5,800.0 | |
| PRODUCTION CASING CEMENT | | | | 11/4/2003 | | 5,800.0 | | 7,141.0 | |
| Zone Statuses | | | | | | | | | |
| Zone Name | | Status Date | Status | Fluid Type | Job | | | Prod Method | |
| NIOBRARA | | 11/22/2016 | PR | Water | DRILLING/COMPLETION - ORIGINAL, 10/29/200... | | | Flowing Flowing | |
| NIOBRARA | | 3/22/2017 | SI | | | | | | |
| CODELL | | 12/9/2003 | PR | | | | | | |
| CODELL | | 3/10/2014 | PR | | | | | | |
| Perforation Data | | | | | | | | | |
| Linked Zone | | Bnch/Stg | Entered Shot Total | Top (ftKB) | | Btm (ftKB) | | Date | |
| NIOBRARA, ORIGINAL HOLE | | A | 28 | 6,712.01 | | 6,726.01 | | 10/19/2007 | |
| NIOBRARA, ORIGINAL HOLE | | A | 3 | 6,715.00 | | 6,724.00 | | 11/13/2003 | |
| NIOBRARA, ORIGINAL HOLE | | B | 5 | 6,751.00 | | 6,759.00 | | 11/13/2003 | |
| NIOBRARA, ORIGINAL HOLE | | B1 | 24 | 6,758.01 | | 6,770.01 | | 10/19/2007 | |
| NIOBRARA, ORIGINAL HOLE | | B2 | 12 | 6,770.01 | | 6,776.01 | | 10/19/2007 | |
| NIOBRARA, ORIGINAL HOLE | | C | 24 | 6,842.01 | | 6,854.01 | | 10/19/2007 | |
| CODELL, ORIGINAL HOLE | | | 14 | 6,976.00 | | 6,990.00 | | 11/11/2003 | |
| Stimulation Intervals | | | | | | | | | |
| Zone | | | Start Date | | | Top (ftKB) | | Btm (ftKB) | |
| NIOBRARA, ORIGINAL HOLE | | | 10/26/2007 | | | 6,712.0 | | 6,854.0 | |
| NIOBRARA-CODELL, ORIGINAL HOLE | | | 11/14/2003 | | | 6,715.0 | | 6,990.0 | |
| Other In Hole | | | | | | | | | |
| Run Date | | Des | | | | OD (in) | Top (ftKB) | Btm (ftKB) | |
| | | | | | | | | | |
| Logs | | | | | | | | | |
| Date | | Type | | | | Top, MD (ftKB) | | Btm, MD (ftKB) | |
| 11/3/2003 | | COMPENSATED NEUTRON | | | | 4,000.0 | | 7,124.0 | |
| 11/3/2003 | | INDUCTION | | | | 750.0 | | 7,136.0 | |
| 11/11/2003 | | CEMENT BOND | | | | 3,600.0 | | 7,122.0 | |
| Plug Back Total Depths | | | | | | | | | |
| Date | | Type | | Com | | | | Depth (ftKB) | |
| 11/11/2003 | | FILL | | DEPTH LOGGER ON CBL | | | | 7,122.0 | |
| 2/27/2008 | | FILL | | | | | | 7,120.0 | |