



P&A Wellbore For State

Well Name: GUTTERSEN D12-20

| | | | | | | | | | | | |
|--|-----------------------------|---|-------------|---------------------------------|----------------|--------------------------|-------------|--|--------------------------------------|---------------------------------|--|
| Land, Original Hole, 9/7/2022 2:51:31 PM | | Well Header | | | | | | | | | |
| MD (ftKB) | Vertical schematic (actual) | Surface UWI 0512331739 | | | | Business Unit Rockies | | Gov Auth Dist | | Prod Tree Loc Land | |
| | | Orig. KB to Gnd (ft) 16.00 | | Original Spud Date 10/9/2010 | | Abandon Date | | Well Sub-Status TA | | High... | |
| | | 16.00 | | 10/9/2010 | | | | | | N | |
| | | Comment | | | | | | | | | |
| Surface Location (Congressional) | | | | | | | | | | | |
| | | Qtr 3 SW | Qtr 4 NW | Section 12 | Twnshp 3 | Twnsh... N | Range 64 | Rng E/... W | Latitude (°) 40.23990691 19999 | Longitude (°) -104.504642072 | |
| Wellbore Sections | | | | | | | | | | | |
| Section Des | | Hole Size (in) | | | Act Top (ftKB) | | | Act Btm (ftKB) | | | |
| SURFACE | | 12 1/4 | | | 16.0 | | | 745.0 | | | |
| PRODUCTION | | 7 7/8 | | | 745.0 | | | 7,015.0 | | | |
| Casing Strings | | | | | | | | | | | |
| Csg Des | | Run Date | | OD (in) | | Wt/Len (lb/ft) | | Grade | | Top Depth (MD) (ftKB) | |
| Surface | | 10/9/2010 | | 8 5/8 | | 24.00 | | J-55 | | 16 | |
| Production Casing | | 10/13/2010 | | 4 1/2 | | 11.60 | | M-80 | | 16 | |
| Cement | | | | | | | | | | | |
| Des | | Start Date | | | Top (ftKB) | | | Btm (ftKB) | | | |
| Surface Casing Cement | | 10/10/2010 | | | 16.0 | | | 731.0 | | | |
| Production Casing Cement | | 10/13/2010 | | | 709.0 | | | 6,986.0 | | | |
| Zone Statuses | | | | | | | | | | | |
| Zone Name | | Status Date | | Status | | Fluid Type | | Job | | Prod Method | |
| NIOBRARA | | 2/3/2011 | | PR | | | | DRILLING/COMPLETION - ORIGINAL, 10/8/2010... | | | |
| NIOBRARA | | 8/11/2022 | | Closed | | | | CIBP, 8/11/2022 06:00 | | | |
| CODELL | | 2/3/2011 | | PR | | | | DRILLING/COMPLETION - ORIGINAL, 10/8/2010... | | | |
| CODELL | | 8/11/2022 | | Closed | | | | CIBP, 8/11/2022 06:00 | | | |
| Perforation Data | | | | | | | | | | | |
| Linked Zone | | Explosive Type | | Entered Shot Total | | Top (ftKB) | | Btm (ftKB) | | Date | |
| NIOBRARA, Original Hole | | A | | 24 | | 6,565.0 | | 6,577.0 | | 11/23/2010 | |
| NIOBRARA, Original Hole | | B | | 24 | | 6,621.0 | | 6,633.0 | | 11/23/2010 | |
| NIOBRARA, Original Hole | | C | | 24 | | 6,711.0 | | 6,723.0 | | 11/23/2010 | |
| CODELL, Original Hole | | | | 52 | | 6,841.0 | | 6,854.0 | | 11/2/2010 | |
| Stimulation Intervals | | | | | | | | | | | |
| Zone | | Start Date | | | Top (ftKB) | | | Btm (ftKB) | | | |
| NIOBRARA, Original Hole | | 11/23/2010 | | | 6,565.0 | | | 6,633.0 | | | |
| NIOBRARA, Original Hole | | 11/23/2010 | | | 6,711.0 | | | 6,723.0 | | | |
| CODELL, Original Hole | | 11/23/2010 | | | 6,841.0 | | | 6,854.0 | | | |
| Other In Hole | | | | | | | | | | | |
| Run Date | | Des | | | Make | | | OD (in) | | Top (ftKB) | |
| 8/11/2022 | | Cast Iron Bridge Plug w/ 2 SX Cement | | | | | | 3.99 | | 6,489.0 | |
| Logs | | | | | | | | | | | |
| Date | | Type | | | | | | Depth Top (MD) (ftKB) | | Btm (ftKB) | |
| 10/13/2010 | | SPECTRAL DENSITY/Pe/DSN NEUTRON/SP/ARRAY COMPENSATED TRUE RESISTIVITY/SONIC (BSAT) | | | | | | 3,550 | | 7,016.0 | |
| 10/13/2010 | | SPECTRAL GAMMA RAY | | | | | | 732 | | 7,016.0 | |
| 10/20/2010 | | CBL/CCL/GR | | | | | | 709 | | 6,935.0 | |
| Plug Back Total Depths | | | | | | | | | | | |
| Date | | Type | | Com | | | | | | PBTD (ftKB) | |
| 10/20/2010 | | FLOAT COLLAR | | | | | | | | 6,935 | |
| 6/3/2011 | | PLUG REMNANTS | | | | | | | | 6,941 | |