



P&A Wellbore For State

Well Name: NEI C18-32D

| Original Hole [Land] | | Well Header | | | | | | | | | | |
|----------------------------------|-----------------------------|------------------------------------|-------------|----------------------------------------|----------------|--------------------------|-------------|-----------------------|----------------------------------|---------------------------------|-------------|--|
| MD (ftK B) | Vertical schematic (actual) | Surface UWI 0512334394 | | | | Business Unit Rockies | | Gov Auth Dist | | Prod Tree Loc Land | | |
| | | Orig. KB to Gnd (ft) 13.00 | | Original Spud Date 10/31/2011 | | Abandon Date | | Well Sub-Status TA | | High... | | |
| | | | | | | | | | | N | | |
| | | Comment | | | | | | | | | | |
| Surface Location (Congressional) | | | | | | | | | | | | |
| | | Qtr 3 NE | Qtr 4 SW | Section 18 | Twtnsh... 4 | Twtnsh... N | Range 64 | Rng E/... W | Latitude (°) 40.31188367 2 | Longitude (°) -104.594845223 | | |
| Wellbore Sections | | | | | | | | | | | | |
| | | Section Des | | | Hole Size (in) | | | Top Depth (ftKB) | | Btm Depth (ftKB) | | |
| | | SURFACE | | | 12 1/4 | | | 13.0 | | 685.0 | | |
| | | PRODUCTION | | | 7 7/8 | | | 685.0 | | 7,749.0 | | |
| Casing Strings | | | | | | | | | | | | |
| | | Csg Des | | Run Date | | OD (in) | | Wt/Len (lb/ft) | | Grade | | |
| | | Surface | | 11/1/2011 | | 8 5/8 | | 24.00 | | J-55 | | |
| | | Production Casing | | 11/5/2011 | | 4 1/2 | | 11.60 | | M-80 | | |
| Cement | | | | | | | | | | | | |
| | | Des | | | | Start Date | | Top (ftKB) | | Btm (ftKB) | | |
| | | Surface Casing Cement | | | | 11/1/2011 | | 13.0 | | 675.3 | | |
| | | Production Casing Cement | | | | 11/5/2011 | | 1,800.0 | | 7,722.1 | | |
| | | Balanced Plug (Tubing and Annulus) | | | | 6/1/2022 | | 6,795.0 | | 7,308.0 | | |
| Zone Statuses | | | | | | | | | | | | |
| | | Zone Name | | Status Date | | Status | | Fluid Type | | Job | | |
| | | CODELL | | 5/4/2022 | | SI | | | | SET CEMENT PLUG, 5/4/2022 08:00 | | |
| | | CODELL | | 6/1/2022 | | Closed | | | | SET CEMENT PLUG, 5/4/2022 08:00 | | |
| | | NIOBRARA | | 5/4/2022 | | SI | | | | SET CEMENT PLUG, 5/4/2022 08:00 | | |
| | | NIOBRARA | | 6/1/2022 | | Closed | | | | SET CEMENT PLUG, 5/4/2022 08:00 | | |
| Perforation Data | | | | | | | | | | | | |
| | | Linked Zone | | Explosive Type | | Entered Shot Total | | Top (ftKB) | | Btm (ftKB) | | |
| | | NIOBRARA, Original Hole | | A | | 24 | | 7,313.0 | | 7,325.0 | | |
| | | NIOBRARA, Original Hole | | B | | 24 | | 7,414.0 | | 7,426.0 | | |
| | | CODELL, Original Hole | | 01 | | 60 | | 7,579.0 | | 7,594.0 | | |
| Stim/Frac Stage | | | | | | | | | | | | |
| | | Zone | | | Start Date | | | Top (ftKB) | | Btm (ftKB) | | |
| | | NIOBRARA, Original Hole | | | 1/9/2012 | | | 7,313.0 | | 7,426.0 | | |
| | | CODELL, Original Hole | | | 1/9/2012 | | | 7,579.0 | | 7,594.0 | | |
| Other In Hole | | | | | | | | | | | | |
| | | Run Date | | Des | | | Make | | OD (in) | | Top (ftKB) | |
| | | | | | | | | | | | Btm (ftKB) | |
| Logs | | | | | | | | | | | | |
| | | Date | | Type | | | | | Depth Top (MD) (ftKB) | | Btm (ftKB) | |
| | | 11/4/2011 | | Caliper/Comp. Density/Neutron/GR/SP/ML | | | | | 675 | | 7,741.0 | |
| | | 11/4/2011 | | DIL/GR/SP/Caliper | | | | | 675 | | 7,741.0 | |
| | | 12/30/2011 | | CBL/CCL/GR | | | | | 1,800 | | 7,689.0 | |
| Wellbore Plug Back Total Depths | | | | | | | | | | | | |
| | | Date | | Type | | Com | | | | | PBTD (ftKB) | |
| | | 11/17/2015 | | FILL | | TAG W/ BIT & SCRAPER | | | | | 7,566 | |
| | | 3/8/2016 | | FLOAT COLLAR | | WORKOVER C/O | | | | | 7,677 | |

13.1

630.2

631.2

674.2

675.2

685.0

875.0

1,799.9

2,501.0

2,601.0

2,603.0

4,481.0

4,506.9

6,758.9

6,779.9

6,790.0

6,794.9

7,263.1

7,277.2

7,308.1

7,313.0

7,325.1

7,386.8

7,414.0

7,425.9

7,529.2

7,550.9

7,579.1

7,594.2

7,638.8

7,640.1

7,677.2

7,677.5

7,678.5

7,721.1

7,722.1

7,749.0

Surface Casing Cement, Casing, 11/1/2011 10:00; 13 -675.3; 2011-11-01 10:00

Production Casing Cement, Casing, 11/5/2011 12:00; 1800-7722.1; 2011-11-05 12:00; SPORADIC BOND THROUGHOUT

Balanced Plug (Tubing and Annulus), Plug - Balanced, 6/1/2022 00:00; 6795-7308; 2022-06-01; 35 SKS 7.17 BBLs 15.8 PPG G NEAT CEMENT WITH RETARDER

7,313.0-7,325.0ftKB on 1/9/2012 11:27 (Perforated); 7313-7325; 2012-01-09 11:27

7,414.0-7,426.0ftKB on 1/9/2012 11:25 (Perforated); 7414-7426; 2012-01-09 11:25

7,579.0-7,594.0ftKB on 1/6/2012 14:00 (Perforated); 7579-7594; 2012-01-06 14:00

Production Casing Cement, Casing, 11/5/2011 12:00 (plug); 7640-7722.1; 2011-11-05 12:00; SPORADIC BOND THROUGHOUT