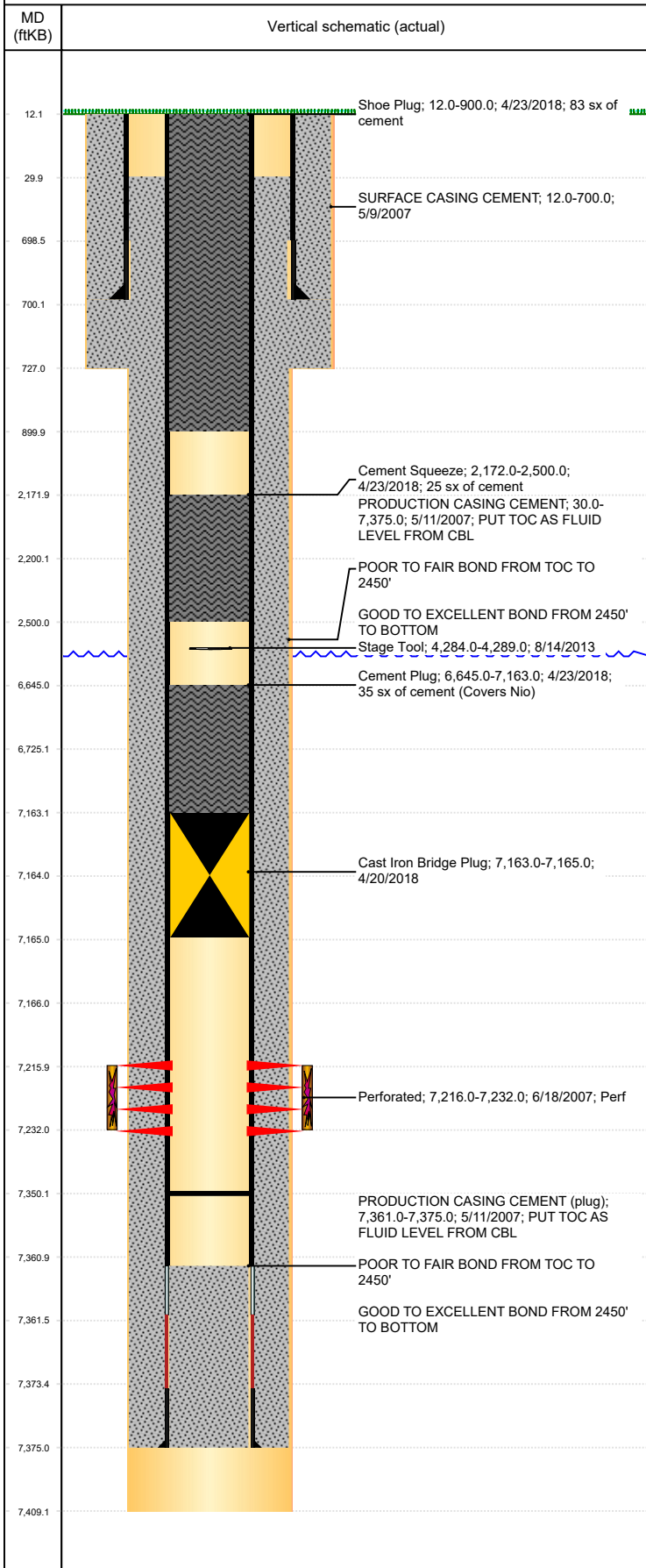


# P&A Wellbore Schematic Report

**Well Name: BURBACH 15-23**

VERTICAL - ORIGINAL HOLE, 5/11/2018 9:19:31 AM



| Well Header  |             |                               |              |                           |                                    |                         |                                    |                                       |                                       |                         |             |
|--|-------------|-------------------------------|--------------|---------------------------|------------------------------------|-------------------------|------------------------------------|---------------------------------------|---------------------------------------|-------------------------|-------------|
| API<br>05-123-25080  |             | BU<br>DJ BASIN                |              | District<br>15            |                                    | Well Config<br>VERTICAL |                                    | Spud Date<br>5/8/2007                 |                                       | P & A Date<br>4/23/2018 |             |
| Well Report Center<br>425778490  |             |                               |              | Production Route<br>A2-05 |                                    |                         |                                    | Well Production Status<br>PA          |                                       |                         | SoRT<br>Yes |
| Original KB Elevation (ft)<br>4,797  |             | KB - GL / MSL (ftKB)<br>12.00 |              |                           | Actual Latitude (°)<br>40.48967000 |                         |                                    | Actual Longitude (°)<br>-104.77107000 |                                       |                         |             |
| Comment  |             |                               |              |                           |                                    |                         |                                    |                                       |                                       |                         |             |
| Directions To Well<br>31&70 SOUTH .3 EAST THROUGH GATES 50' SOUTHEAST . 1 INTO |             |                               |              |                           |                                    |                         |                                    |                                       |                                       |                         |             |
| Surface Location (Congressional)   |             |                               |              |                           |                                    |                         |                                    |                                       |                                       |                         |             |
| Qtr 3<br>SW  | Qtr 4<br>NW | Section<br>15                 | Twonshp<br>6 | Twonsh...<br>N            | Range<br>66                        | Rng E/...<br>W          | Actual Latitude (°)<br>40.48967000 |                                       | Actual Longitude (°)<br>-104.77107000 |                         |             |
| Zone Statuses  |             |                               |              |                           |                                    |                         |                                    |                                       |                                       |                         |             |
| Zone Name  |             | Status Date                   |              | Status                    | Fluid Type                         |                         | Job                                |                                       |                                       | Prod Method             |             |
| CODELL   |             | 6/4/2015                      |              | PR                        |                                    |                         |                                    |                                       |                                       |                         |             |
| CODELL   |             | 4/20/2018                     |              | P&A                       |                                    |                         | ABANDON WELL, 4/19/2018 07:00      |                                       |                                       |                         |             |
| Plug Back Total Depth (Most Recent Record)                                     |             |                               |              |                           |                                    |                         |                                    |                                       |                                       |                         |             |
| Date   |             | Depth (ftKB)                  |              | Method                    |                                    |                         | Com                                |                                       |                                       |                         |             |
| 9/21/2007  |             | 7,350.0                       |              | TAG                       |                                    |                         | MOST RECENT C/O                    |                                       |                                       |                         |             |
| Wellbore Sections  |             |                               |              |                           |                                    |                         |                                    |                                       |                                       |                         |             |
| Section Des  |             |                               |              | Size (in)                 |                                    |                         | Act Top, MD (ftKB)                 |                                       | Act Btm, MD (ftKB)                    |                         |             |
| SURFACE  |             |                               |              | 12 1/4                    |                                    |                         | 12                                 |                                       | 727                                   |                         |             |
| PRODUCTION   |             |                               |              | 7 7/8                     |                                    |                         | 727                                |                                       | 7,409                                 |                         |             |
| Casing Strings   |             |                               |              |                           |                                    |                         |                                    |                                       |                                       |                         |             |
| Csg Des  |             |                               | Run Date     |                           | OD (in)                            | Wt/Len (lb/ft)          | Grade                              | Top, MD (ftKB)                        | MD (ftKB)                             |                         |             |
| Surface  |             |                               | 5/9/2007     |                           | 8 5/8                              | 24.00                   |                                    | 12.0                                  | 700.0                                 |                         |             |
| Production   |             |                               | 5/11/2007    |                           | 4 1/2                              | 11.60                   | M-80                               | 12.0                                  | 7,375.0                               |                         |             |
| Cement Stages  |             |                               |              |                           |                                    |                         |                                    |                                       |                                       |                         |             |
| Des  |             |                               |              |                           | Start Date                         |                         | Top (ftKB)                         |                                       | Btm (ftKB)                            |                         |             |
| SURFACE CASING CEMENT  |             |                               |              |                           | 5/9/2007                           |                         | 12.0                               |                                       | 700.0                                 |                         |             |
| PRODUCTION CASING CEMENT   |             |                               |              |                           | 5/11/2007                          |                         | 30.0                               |                                       | 7,375.0                               |                         |             |
| Cement Plug  |             |                               |              |                           | 4/23/2018                          |                         | 6,645.0                            |                                       | 7,163.0                               |                         |             |
| Cement Squeeze   |             |                               |              |                           | 4/23/2018                          |                         | 2,172.0                            |                                       | 2,500.0                               |                         |             |
| Shoe Plug  |             |                               |              |                           | 4/23/2018                          |                         | 12.0                               |                                       | 900.0                                 |                         |             |
| Tubing Strings   |             |                               |              |                           |                                    |                         |                                    |                                       |                                       |                         |             |
| Tubing Description   |             |                               |              |                           | Set Depth (ft...)                  | Run Date                |                                    | Pull Date                             |                                       | Prop...                 |             |
| Tubing   |             |                               |              |                           | 7,192.0                            | 9/21/2007               |                                    | 4/20/2018                             |                                       | No                      |             |
| Tubing Components  |             |                               |              |                           |                                    |                         |                                    |                                       |                                       |                         |             |
| Item Description   |             |                               |              | OD (in)                   | ID (in)                            | Wt (lb/ft)              | Grade                              | Length (ft)                           | Joints                                |                         |             |
| Tubing   |             |                               |              | 2 3/8                     |                                    |                         |                                    | 7,178.50                              | 233                                   |                         |             |
| Seat Nipple  |             |                               |              | 2 3/8                     |                                    |                         |                                    | 1.00                                  | 1                                     |                         |             |
| Notched collar   |             |                               |              | 2 3/8                     |                                    |                         |                                    | 0.50                                  | 1                                     |                         |             |
| Perforation Data   |             |                               |              |                           |                                    |                         |                                    |                                       |                                       |                         |             |
| Linked Zone  |             |                               | Bnch/Stg     | Sum of Entered Shot Total | Top (ftKB)                         |                         | Btm (ftKB)                         |                                       | Date                                  |                         |             |
| CODELL, ORIGINAL HOLE  |             |                               |              | 64                        | 7,216.00                           |                         | 7,232.00                           |                                       | 6/18/2007                             |                         |             |
| Total (Sum)  |             |                               |              | 64                        |                                    |                         |                                    |                                       |                                       |                         |             |
| Other In Hole  |             |                               |              |                           |                                    |                         |                                    |                                       |                                       |                         |             |
| Run Date   |             | Des                           |              |                           |                                    | OD (in)                 | Top (ftKB)                         |                                       | Btm (ftKB)                            |                         |             |
| 4/20/2018  |             | Cast Iron Bridge Plug         |              |                           |                                    | 4                       | 7,163.0                            |                                       | 7,165.0                               |                         |             |
| Logs   |             |                               |              |                           |                                    |                         |                                    |                                       |                                       |                         |             |
| Date   |             | Type                          |              |                           |                                    |                         | Top, MD (ftKB)                     |                                       | Btm, MD (ftKB)                        |                         |             |
| 5/11/2007  |             | COMPENSATED DENSITY           |              |                           |                                    |                         | 4,090.0                            |                                       | 7,380.0                               |                         |             |
| 5/11/2007  |             | INDUCTION                     |              |                           |                                    |                         | 712.0                              |                                       | 7,400.0                               |                         |             |
| 6/15/2007  |             | CBL/CCL/GR                    |              |                           |                                    |                         | 12.0                               |                                       | 7,348.0                               |                         |             |
| 3/15/2018  |             | GYRO                          |              |                           |                                    |                         | 12.0                               |                                       | 7,200.0                               |                         |             |