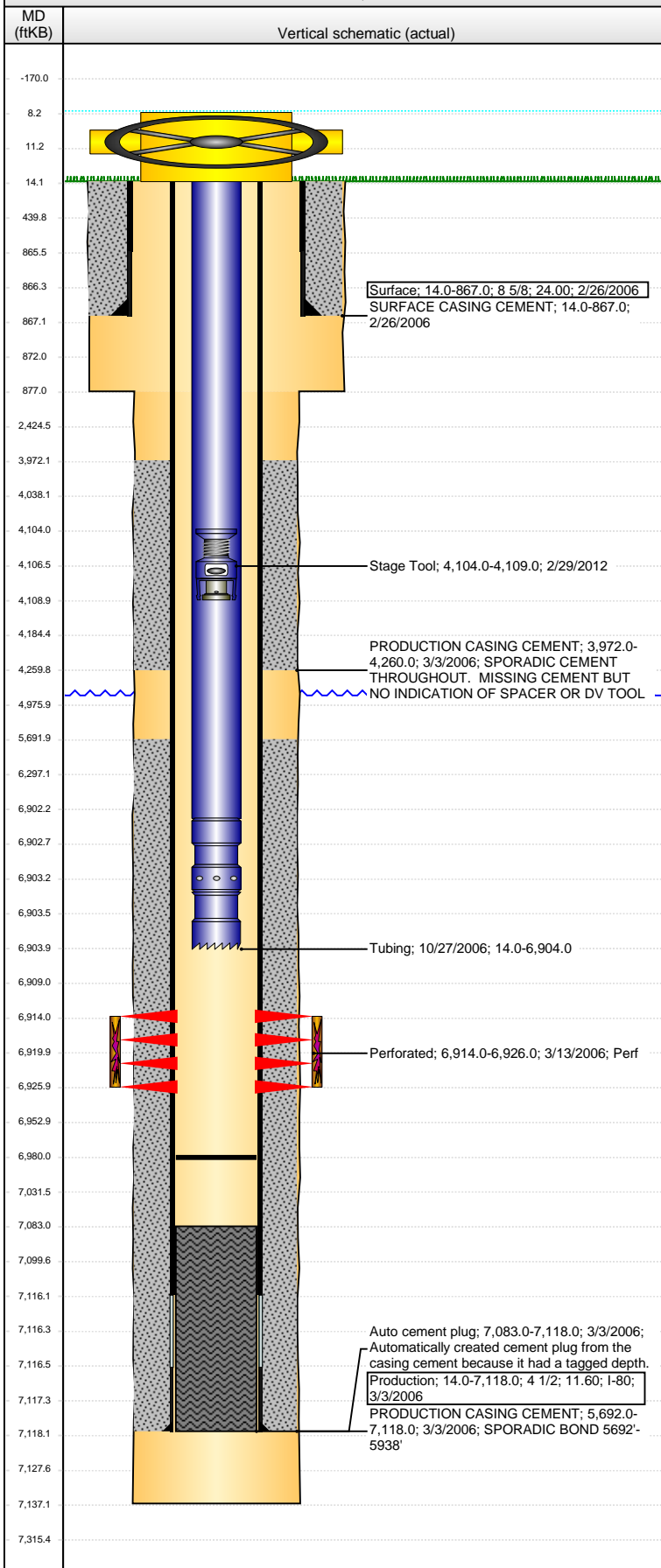


**Well Name: MCDANIEL 42-15**

VERTICAL - ORIGINAL HOLE, 10/6/2016 9:18:44 AM



| Well Header                                                 |                 |                               |                     |                                                    |                    |                                |                      |
|-------------------------------------------------------------|-----------------|-------------------------------|---------------------|----------------------------------------------------|--------------------|--------------------------------|----------------------|
| API<br>05-123-23538                                         |                 | Business Unit<br>DJ BASIN     |                     | District<br>15                                     |                    | Well Config<br>VERTICAL        |                      |
| Original KB Elevation (ft)<br>4,767                         |                 | KB - GL / MSL (ftKB)<br>14.00 |                     | Spud Date<br>2/25/2006                             |                    | P & A Date                     |                      |
| Comment<br>CBL SHOWS VERY SPORADIC/MISSING CEMENT 4260-5692 |                 |                               |                     |                                                    |                    |                                |                      |
| Directions To Well                                          |                 |                               |                     |                                                    |                    |                                |                      |
| Congressional Location                                      |                 |                               |                     |                                                    |                    |                                |                      |
| Quarter 3<br>SE                                             | Quarter 4<br>NE | Section<br>15                 | Township<br>6       | TwNS Dir<br>N                                      | Range<br>64        | Range E/W Dir<br>W             |                      |
| Bottom Hole Location                                        |                 |                               |                     |                                                    |                    |                                |                      |
| North-South Distance (ft)                                   |                 | From N or S Line              |                     | East-West Distance (ft)                            |                    | From E or W Line               |                      |
| Plug Back Total Depths                                      |                 |                               |                     |                                                    |                    |                                |                      |
| Date                                                        | Depth (ftKB)    | Method                        |                     | Com                                                |                    |                                |                      |
| 3/3/2006                                                    | 7,116.0         | CASING TALLY                  |                     | FLOAT SHOE ON CASING TALLY                         |                    |                                |                      |
| 3/13/2006                                                   | 7,083.0         | CASED HOLE LOG                |                     | DEPTH LOGGER ON CBL                                |                    |                                |                      |
| 10/27/2006                                                  | 6,980.0         | TAG                           |                     | CLEAN OUT TO LAND TUBING                           |                    |                                |                      |
| Wellbore Sections                                           |                 |                               |                     |                                                    |                    |                                |                      |
| Section Des                                                 |                 | Size (in)                     |                     | Act Top, MD (ftKB)                                 |                    | Act Btm, MD (ftKB)             |                      |
| SURFACE                                                     |                 | 12 1/4                        |                     | 14                                                 |                    | 877                            |                      |
| PRODUCTION                                                  |                 | 7 7/8                         |                     | 877                                                |                    | 7,137                          |                      |
| Zone Statuses                                               |                 |                               |                     |                                                    |                    |                                |                      |
| Zone Name                                                   | Status Date     | Status                        | Fluid Type          | Job                                                | Prod Method        |                                |                      |
| CODELL                                                      | 7/1/2006        | PR                            |                     | DRILLING/CO...                                     |                    |                                |                      |
| Casing Strings                                              |                 |                               |                     |                                                    |                    |                                |                      |
| Surface, 867.0ftKB                                          |                 |                               |                     |                                                    |                    |                                |                      |
| Casing Description<br>Surface                               |                 | Run Date<br>2/26/2006         | OD (in)<br>8 5/8    | Wt/Len (l...)<br>24.00                             | Grade              | Top, MD (ft...)<br>14.0        |                      |
|                                                             |                 |                               |                     |                                                    |                    | MD (ftKB)<br>867.0             |                      |
| Production, 7,118.0ftKB                                     |                 |                               |                     |                                                    |                    |                                |                      |
| Casing Description<br>Production                            |                 | Run Date<br>3/3/2006          | OD (in)<br>4 1/2    | Wt/Len (l...)<br>11.60                             | Grade<br>I-80      | Top, MD (ft...)<br>14.0        |                      |
|                                                             |                 |                               |                     |                                                    |                    | MD (ftKB)<br>7,118.0           |                      |
| Cement                                                      |                 |                               |                     |                                                    |                    |                                |                      |
| Description<br>SURFACE CASING CEMENT                        |                 |                               |                     | Top Depth (ftKB)<br>14.0                           |                    | Bottom Depth (ftKB)<br>867.0   |                      |
| Description<br>PRODUCTION CASING CEMENT                     |                 |                               |                     | Top Depth (ftKB)<br>3,972.0                        |                    | Bottom Depth (ftKB)<br>4,260.0 |                      |
| Description<br>PRODUCTION CASING CEMENT                     |                 |                               |                     | Top Depth (ftKB)<br>5,692.0                        |                    | Bottom Depth (ftKB)<br>7,118.0 |                      |
| Tubing Strings                                              |                 |                               |                     |                                                    |                    |                                |                      |
| Tubing Description<br>Tubing                                |                 | Run Date<br>10/27/2006        | String...<br>2 3/8  | ID (in)<br>1.995                                   | Wt (lb/ft)<br>4.70 | Grade<br>J-55                  | Len (ft)<br>6,890.00 |
|                                                             |                 | 6                             |                     |                                                    |                    |                                |                      |
| 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                                               | 211                | 6,888.35                       | 6,902.3              |
| Pump Seating                                                |                 | 2 3/8                         | 1.10                |                                                    |                    | 1.00                           | 6,903.3              |
| Nipple                                                      |                 |                               |                     |                                                    |                    |                                |                      |
| Notched collar                                              |                 | 2 3/8                         |                     |                                                    |                    | 0.65                           | 6,904.0              |
| Perforation Data                                            |                 |                               |                     |                                                    |                    |                                |                      |
| Zone                                                        |                 | Bnch/St g                     | Entered Shot Total  | Top (ftKB)                                         |                    | Btm (ftKB)                     | Date                 |
| CODELL, ORIGINAL HOLE                                       |                 |                               | 48                  | 6,914.00                                           |                    | 6,926.00                       | 3/13/2006            |
| Stimulations & Treatments                                   |                 |                               |                     |                                                    |                    |                                |                      |
| Date<br>3/14/2006                                           |                 | Zone<br>CODELL, ORIGINAL HOLE |                     | Primary Job Type<br>DRILLING/COMPLETION - ORIGINAL |                    |                                |                      |
| Technical Result                                            |                 |                               | Tech Result Details |                                                    |                    | Tech Result Note               |                      |
| Comment                                                     |                 |                               |                     |                                                    |                    |                                |                      |
| Other In Hole                                               |                 |                               |                     |                                                    |                    |                                |                      |
| Run Date                                                    |                 | Des                           |                     |                                                    | OD (in)            | Top (ftKB)                     | Btm (ftKB)           |
| 2/29/2012                                                   |                 | Stage Tool                    |                     |                                                    | 2                  | 4,104.0                        | 4,109.0              |
| Logs                                                        |                 |                               |                     |                                                    |                    |                                |                      |
| Date                                                        |                 | Type                          |                     |                                                    | Top, MD (ftKB)     |                                | Btm, MD (ftKB)       |
| 3/2/2006                                                    |                 | COMPENSATED DENSITY           |                     |                                                    | 3,600.0            |                                | 7,117.0              |
| 3/2/2006                                                    |                 | INDUCTION                     |                     |                                                    | 870.0              |                                | 7,137.0              |

**Well Name: MCDANIEL 42-15**

VERTICAL - ORIGINAL HOLE, 10/6/2016 9:18:47 AM

## Logs

| Date      | Type       | Top, MD (ftKB) | Btm, MD (ftKB) |
|-----------|------------|----------------|----------------|
| 3/13/2006 | CBL/CCL/GR | 3,600.0        | 7,078.0        |
| 2/29/2012 | GYRO       | 14.0           | 6,850.0        |

