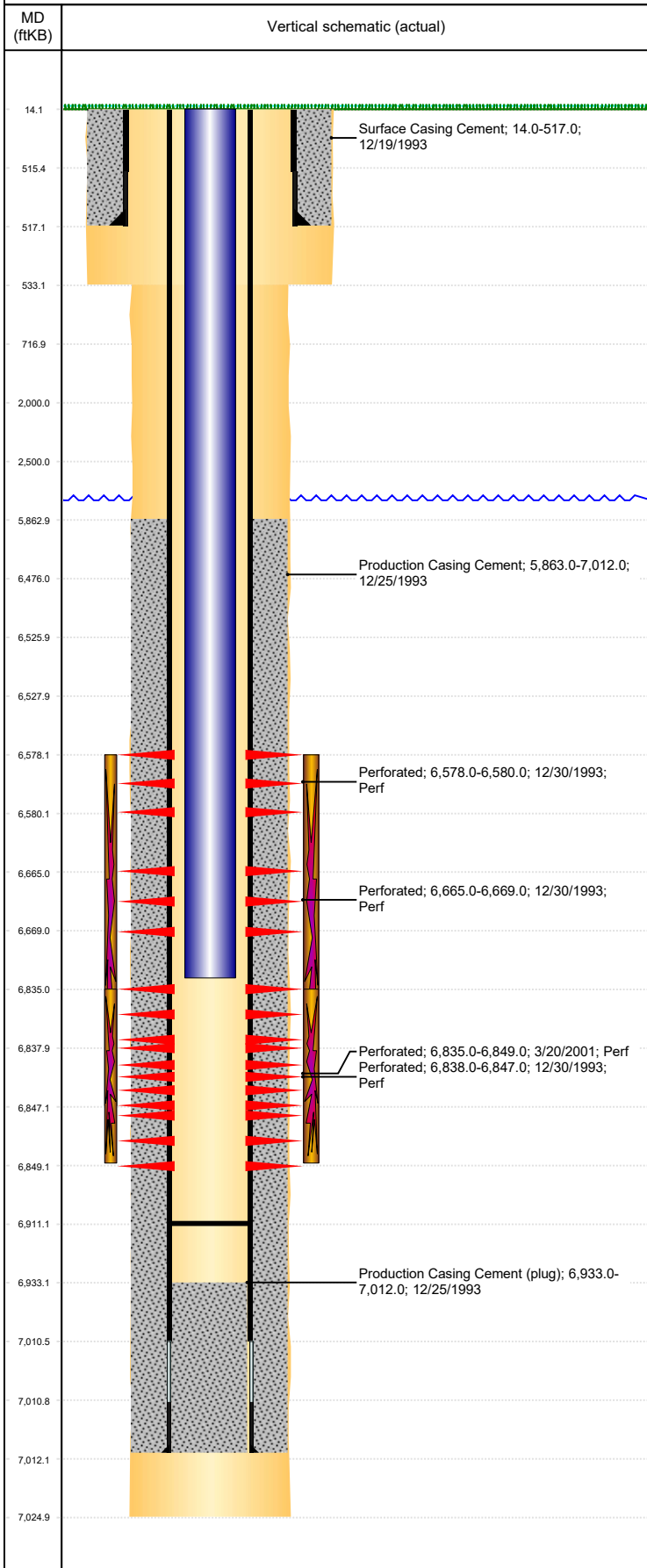


**Well Name: ECKHARDT 33-15**

VERTICAL, ORIGINAL HOLE, 6/5/2019 2:57:56 PM



## Well Header

|                               |                           |                |                              |
|-------------------------------|---------------------------|----------------|------------------------------|
| API<br>05-123-17815           | Business Unit<br>DJ BASIN | District<br>15 | Well Config<br>VERTICAL      |
| KB - GL / MSL (ft...<br>14.00 | Spud Date<br>12/19/1993   | P & A Date     | Well Production Status<br>SI |
| SoRT<br>No                    |                           |                |                              |

Comment  
SURF & PROD HOLE SIZE DISCREPANCY: ST CMP RPT 12 1/4" & 7 7/8", DRL RPT AND LOGS 9 7/8" & 6 1/4". USED DRL RPT INFO.

WELLHEAD IS 3000#

## Surface Location (Congressional)

|             |             |               |              |                |             |                |                                    |                                       |
|-------------|-------------|---------------|--------------|----------------|-------------|----------------|------------------------------------|---------------------------------------|
| Qtr 3<br>SW | Qtr 4<br>SE | Section<br>33 | Twonshp<br>5 | Twonsh...<br>N | Range<br>64 | Rng E/...<br>W | Actual Latitude (°)<br>40.35074534 | Actual Longitude (°)<br>-104.55212118 |
|-------------|-------------|---------------|--------------|----------------|-------------|----------------|------------------------------------|---------------------------------------|

## Wellbore Sections

| Section Des | Size (in) | Act Top, MD (ftKB) | Act Btm, MD (ftKB) |
|-------------|-----------|--------------------|--------------------|
| SURFACE     | 9 7/8     | 14                 | 533                |
| PRODUCTION  | 6 1/4     | 533                | 7,025              |

## Casing Strings

| Csg Des    | Run Date   | OD (in) | Wt/Len (lb/ft) | Grade | Top, MD (ftKB) | MD (ftKB) |
|------------|------------|---------|----------------|-------|----------------|-----------|
| Surface    | 12/19/1993 | 7       | 17.00          | H-40  | 14.0           | 517.0     |
| Production | 12/25/1993 | 3 1/2   | 7.70           | M-75  | 14.0           | 7,012.0   |

## Cement

| Des                      | Start Date | Top (ftKB) | Btm (ftKB) |
|--------------------------|------------|------------|------------|
| Surface Casing Cement    | 12/19/1993 | 14.0       | 517.0      |
| Production Casing Cement | 12/25/1993 | 5,863.0    | 7,012.0    |

## Zone Statuses

| Zone Name | Status Date | Status | Fluid Type | Job  | Prod Method |
|-----------|-------------|--------|------------|--|-------------|
| NIOBRARA  | 1/20/1994   | PR     |            | DRILLING/COMPLETION - ORIGINAL, 12/19/199... |             |
| CODELL    | 1/20/1994   | PR     |            | DRILLING/COMPLETION - ORIGINAL, 12/19/199... |             |
| CODELL    | 4/1/2001    | PR     |            | RE-FRAC, 3/16/2001 00:00                     |             |

## Perforation Data

| Linked Zone             | Bnch/Stg | Entered Shot Total | Top (ftKB) | Btm (ftKB) | Date       |
|-------------------------|----------|--------------------|------------|------------|------------|
| NIOBRARA, ORIGINAL HOLE |          | 2                  | 6,578.00   | 6,580.00   | 12/30/1993 |
| NIOBRARA, ORIGINAL HOLE |          | 4                  | 6,665.00   | 6,669.00   | 12/30/1993 |
| CODELL, ORIGINAL HOLE   |          | 56                 | 6,835.00   | 6,849.00   | 3/20/2001  |
| CODELL, ORIGINAL HOLE   |          | 9                  | 6,838.00   | 6,847.00   | 12/30/1993 |

## Stimulation Intervals

| Zone                           | Start Date | Top (ftKB) | Btm (ftKB) |
|--------------------------------|------------|------------|------------|
| NIOBRARA-CODELL, ORIGINAL HOLE | 1/3/1994   | 6,578.0    | 6,847.0    |
| CODELL, ORIGINAL HOLE          | 3/28/2001  | 6,835.0    | 6,849.0    |

## Other In Hole

| Run Date | Des | OD (in) | Top (ftKB) | Btm (ftKB) |
|----------|-----|---------|------------|------------|
|          |     |         |            |            |

## Logs

| Date       | Type                | Top, MD (ftKB) | Btm, MD (ftKB) |
|------------|---------------------|----------------|----------------|
| 12/24/1993 | COMPENSATED DENSITY | 2,610.0        | 7,026.0        |
| 12/24/1993 | INDUCTION           | 521.0          | 7,026.0        |
| 12/30/1993 | CEMENT BOND         | 5,100.0        | 6,931.0        |
| 2/24/2017  | GYRO                | 0.0            | 6,750.0        |

## Plug Back Total Depths

| Date      | Type | Com         | Depth (ftKB) |
|-----------|------|-------------|--------------|
| 1/6/1994  | FILL | CLEAN OUT   | 6,933.0      |
| 3/30/2001 | FILL | TAGGED FILL | 6,911.0      |