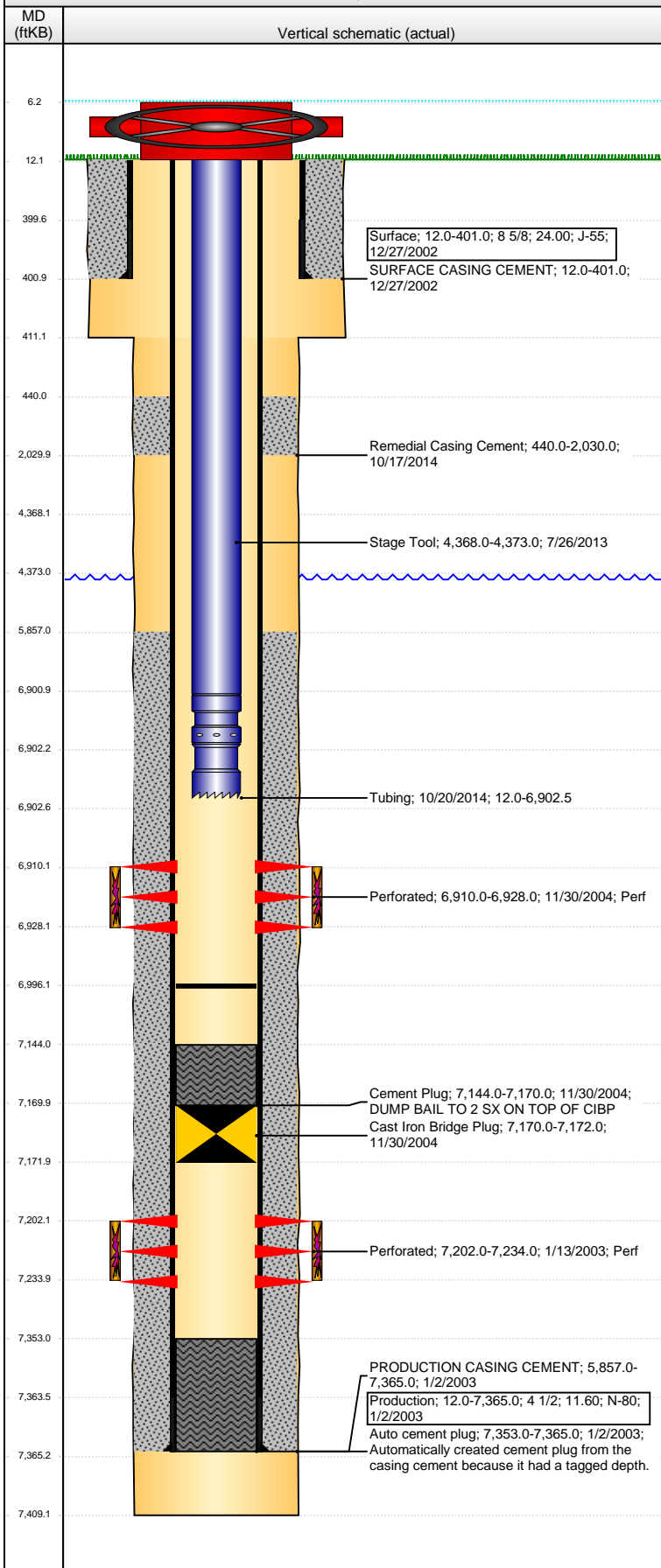


**Well Name: CENTENNIAL 32-33**

VERTICAL - ORIGINAL HOLE, 7/25/2016 10:35:14 AM



## Well Header

|                            |                      |            |             |
|----------------------------|----------------------|------------|-------------|
| API                        | Business Unit        | District   | Well Config |
| 05-123-21239               | DJ BASIN             | 15         | VERTICAL    |
| Original KB Elevation (ft) | KB - GL / MSL (ftKB) | Spud Date  | P & A Date  |
| 4,542                      | 12.00                | 12/26/2002 |             |
| Comment                    |                      |            |             |

## Directions To Well

61/380, west 3 miles and south into at tank battery

## Congressional Location

| Quarter 1 | Quarter 2 | Quarter 3 | Quarter 4 | Section | Township | Twnshp N... | Range | Rng E/W Dir |
|-----------|-----------|-----------|-----------|---------|----------|-------------|-------|-------------|
|           |           | SW        | NE        | 33      | 5        | N           | 63    | 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                                  |
|------------|--------------|----------------|--------------------------------------|
| 1/2/2003   | 7,353.0      | CASING TALLY   | ORIGINAL PBTD - FLOAT COLLAR         |
| 1/11/2003  | 7,353.0      | CASED HOLE LOG | DEPTH LOGGER                         |
| 11/30/2004 | 7,144.0      | TAG            | CIBP @ 7170'. DUMP BAIL 2 SX ON TOP. |
| 12/4/2004  | 6,996.0      | TAG            | TAGGED SAND                          |

## Wellbore Sections

| Section Des | Size (in) | Act Top, MD (ftKB) | Act Btm, MD (ftKB) |
|-------------|-----------|--------------------|--------------------|
| SURFACE     | 12 1/4    | 12                 | 411                |
| PRODUCTION  | 7 7/8     | 411                | 7,409              |

## Zone Statuses

| Zone Name | Status Date | Status | Fluid Type | Job            | Prod Method |
|-----------|-------------|--------|------------|----------------|-------------|
| DAKOTA    | 5/16/2003   | PR     | Oil        | DRILLING/CO... |             |
| DAKOTA    | 11/30/2004  | AB     |            | RECOMPLETI...  |             |
| J SAND    | 12/11/2004  | PR     | Gas        | RECOMPLETI...  |             |

## Casing Strings

### Surface, 401.0ftKB

| Casing Description | Run Date   | OD (in) | Wt/Len (l... | Grade | Top, MD (ft... | MD (ftKB) |
|--------------------|------------|---------|--------------|-------|----------------|-----------|
| Surface            | 12/27/2002 | 8 5/8   | 24.00        | J-55  | 12.0           | 401.0     |

### Production, 7,365.0ftKB

| Casing Description | Run Date | OD (in) | Wt/Len (l... | Grade | Top, MD (ft... | MD (ftKB) |
|--------------------|----------|---------|--------------|-------|----------------|-----------|
| Production         | 1/2/2003 | 4 1/2   | 11.60        | N-80  | 12.0           | 7,365.0   |

## Cement

| Description              | Top Depth (ftKB) | Bottom Depth (ftKB) |
|--------------------------|------------------|---------------------|
| SURFACE CASING CEMENT    | 12.0             | 401.0               |
| PRODUCTION CASING CEMENT | 5,857.0          | 7,365.0             |
| Cement Plug              | 7,144.0          | 7,170.0             |
| Remedial Casing Cement   | 440.0            | 2,030.0             |

## Tubing Strings

| Tubing Description  | Run Date   | String... | ID (in) | Wt (lb/ft) | Grade | Len (ft) | Set De... |
|---------------------|------------|-----------|---------|------------|-------|----------|-----------|
| Tubing - Production | 12/4/2004  | 2 3/8     | 1.995   | 4.70       | J-55  | 6,855.00 |           |
| Tubing              | 10/20/2014 | 2 3/8     | 1.995   | 4.70       | J-55  | 6,890.50 |           |

## Tubing Components

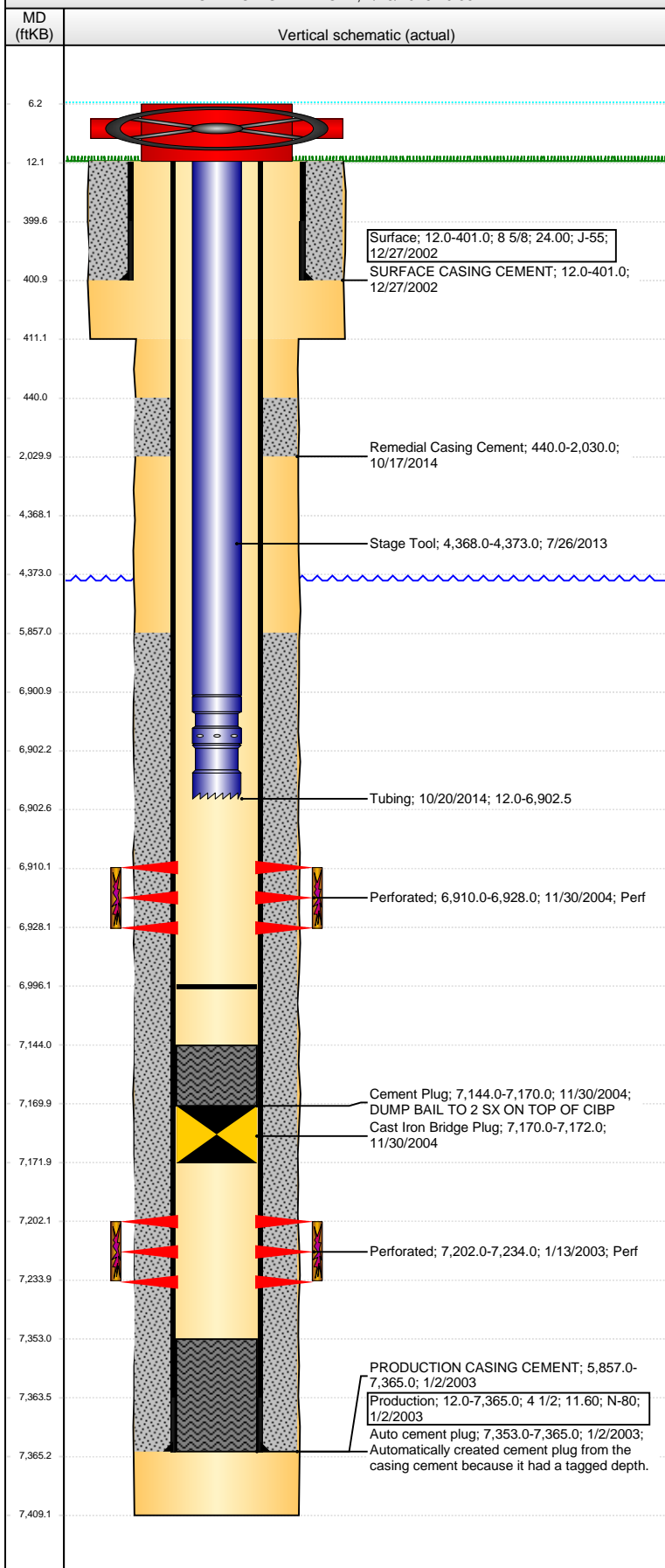
| Item Des            | OD (in) | Wt (lb/ft) | Grade | Jts | Len (ft) | Btm (ftKB) | Btm (TVD) (ftKB) |
|---------------------|---------|------------|-------|-----|----------|------------|------------------|
| Tubing              | 2 3/8   | 4.70       | J-55  | 219 | 6,889.00 | 6,901.0    |                  |
| Pump Seating Nipple | 2 3/8   | 1.10       | X     | 1   | 1.10     | 6,902.1    |                  |
| Notched collar      | 2 3/8   | 0.00       | X     | 1   | 0.40     | 6,902.5    |                  |

## Perforation Data

| Zone                  | Bnch/St g | Entered Shot Total | Top (ftKB) | Btm (ftKB) | Date       |
|-----------------------|-----------|--------------------|------------|------------|------------|
| J SAND, ORIGINAL HOLE |           | 72                 | 6,910.00   | 6,928.00   | 11/30/2004 |
| DAKOTA, ORIGINAL HOLE |           | 128                | 7,202.00   | 7,234.00   | 1/13/2003  |

**Well Name: CENTENNIAL 32-33**

VERTICAL - ORIGINAL HOLE, 7/25/2016 10:35:17 AM



## Stimulations & Treatments

| Date             | Zone                  | Primary Job Type               |
|------------------|-----------------------|--------------------------------|
| 3/25/2004        | DAKOTA, ORIGINAL HOLE | DRILLING/COMPLETION - ORIGINAL |
| Technical Result | Tech Result Details   | Tech Result Note               |
| Comment          |                       |                                |
| Date             | Zone                  | Primary Job Type               |
| 12/1/2004        | J SAND, ORIGINAL HOLE | RECOMPLETION                   |
| Technical Result | Tech Result Details   | Tech Result Note               |
| Comment          |                       |                                |

## Other In Hole

| Run Date   | Des                   | OD (in) | Top (ftKB) | Btm (ftKB) |
|------------|-----------------------|---------|------------|------------|
| 11/30/2004 | Cast Iron Bridge Plug | 3.95    | 7,170.0    | 7,172.0    |
| 7/26/2013  | Stage Tool            | 2       | 4,368.0    | 4,373.0    |

## Logs

| Date       | Type                               | Top, MD (ftKB) | Btm, MD (ftKB) |
|------------|------------------------------------|----------------|----------------|
| 1/1/2003   | COMPENSATED DENSITY/DUAL INDUCTION | 401.0          | 7,409.0        |
| 1/11/2003  | CBL/CCL/GR                         | 5,640.0        | 7,348.0        |
| 10/20/2014 | CBL/CCL/GR                         | 0.0            | 3,000.0        |