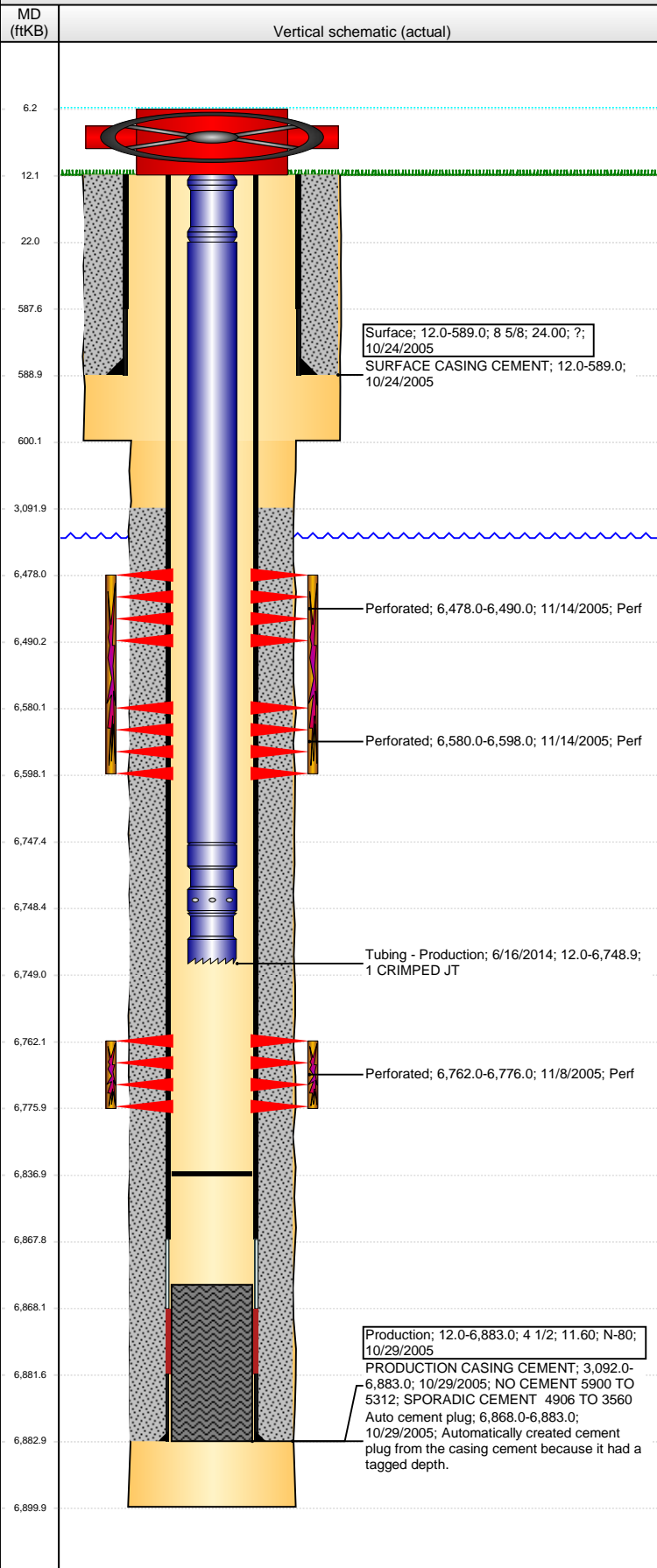


# Wellbore Schematic Input Report

**Well Name: BUCKMUR B02-25**

VERTICAL - ORIGINAL HOLE, 3/22/2016 3:31:16 PM



## Well Header

|                            |                      |            |             |
|----------------------------|----------------------|------------|-------------|
| API                        | Business Unit        | District   | Well Config |
| 05-123-23290               | DJ BASIN             | 15         | VERTICAL    |
| Original KB Elevation (ft) | KB - GL / MSL (ftKB) | Spud Date  | P & A Date  |
| 4,624                      | 12.00                | 10/24/2005 |             |

## Comment

STATE SHOWS GROUND ELEVATION AS 4620'. NOBLE SCHEMATIC SHOWS IT AS 4612'. IN ORDER FOR FOOTAGES TO WORK, IT HAS TO BE 4612'

## Directions To Well

WCR 57 & 60 1/2, EAST - 0.3 MILE AND SOUTH - 0.3 MILE INTO.

## Congressional Location

|           |           |           |           |         |          |             |       |             |
|-----------|-----------|-----------|-----------|---------|----------|-------------|-------|-------------|
| Quarter 1 | Quarter 2 | Quarter 3 | Quarter 4 | Section | Township | Twnshp N... | Range | Rng E/W Dir |
|           |           | NE        | SW        | 2       | 5        | N           | 64    | W           |

## Bottom Hole Location

|                           |                  |                         |                  |
|---------------------------|------------------|-------------------------|------------------|
| North-South Distance (ft) | From N or S Line | East-West Distance (ft) | From E or W Line |
| 1,357.0                   | FSL              | 1,318.0                 | FWL              |

## Plug Back Total Depths

| Date       | Depth (ftKB) | Method         | Com                    |
|------------|--------------|----------------|------------------------|
| 10/29/2005 | 6,868.0      | CASING TALLY   | FLOAT SHOE WITH BAFFLE |
| 11/8/2005  | 6,829.0      | CASED HOLE LOG | DEPTH LOGGER ON CBL    |
| 1/11/2006  | 6,868.0      | TAG            | CLEAN OUT PLUG         |
| 8/2/2013   | 6,842.0      | TAG            | NO C/O                 |
| 6/13/2014  | 6,837.0      | TAG            | NO C/O                 |

## Wellbore Sections

| Section Des | Size (in) | Act Top, MD (ftKB) | Act Btm, MD (ftKB) |
|-------------|-----------|--------------------|--------------------|
| SURFACE     | 12 1/4    | 12.0               | 600.0              |
| PRODUCTION  | 7 7/8     | 600.0              | 6,900.0            |

## Zone Statuses

| Zone Name | Status Date | Status | Fluid Type | Job            | Prod Method |
|-----------|-------------|--------|------------|----------------|-------------|
| NIORARA   | 11/16/2005  | PR     |            | DRILLING/CO... |             |
| CODELL    | 11/16/2005  | PR     |            | DRILLING/CO... |             |

## Casing Strings

### Surface, 589.0ftKB

| Casing Description | Run Date   | OD (in) | Wt/Len (l...) | Grade | Top, MD (ft...) | MD (ftKB) |
|--------------------|------------|---------|---------------|-------|-----------------|-----------|
| Surface            | 10/24/2005 | 8 5/8   | 24.00         | ?     | 12.0            | 589.0     |

### Production, 6,883.0ftKB

| Casing Description | Run Date   | OD (in) | Wt/Len (l...) | Grade | Top, MD (ft...) | MD (ftKB) |
|--------------------|------------|---------|---------------|-------|-----------------|-----------|
| Production         | 10/29/2005 | 4 1/2   | 11.60         | N-80  | 12.0            | 6,883.0   |

## Cement

| Description              | Top Depth (ftKB) | Bottom Depth (ftKB) |
|--------------------------|------------------|---------------------|
| SURFACE CASING CEMENT    | 12.0             | 589.0               |
| Description              | Top Depth (ftKB) | Bottom Depth (ftKB) |
| PRODUCTION CASING CEMENT | 3,092.0          | 6,883.0             |

## Tubing Strings

| Tubing Description  | Run Date  | String... | ID (in) | Wt (lb/ft) | Grade | Len (ft) | Set De... |
|---------------------|-----------|-----------|---------|------------|-------|----------|-----------|
| Tubing              | 1/11/2006 | 2 3/8     | 1.995   | 4.70       | J-55  | 6,726.00 |           |
| Tubing Description  | Run Date  | String... | ID (in) | Wt (lb/ft) | Grade | Len (ft) | Set De... |
| Tubing - Production | 6/16/2014 | 2 3/8     | 1.995   | 4.70       | J-55  | 6,736.91 |           |

## Tubing Components

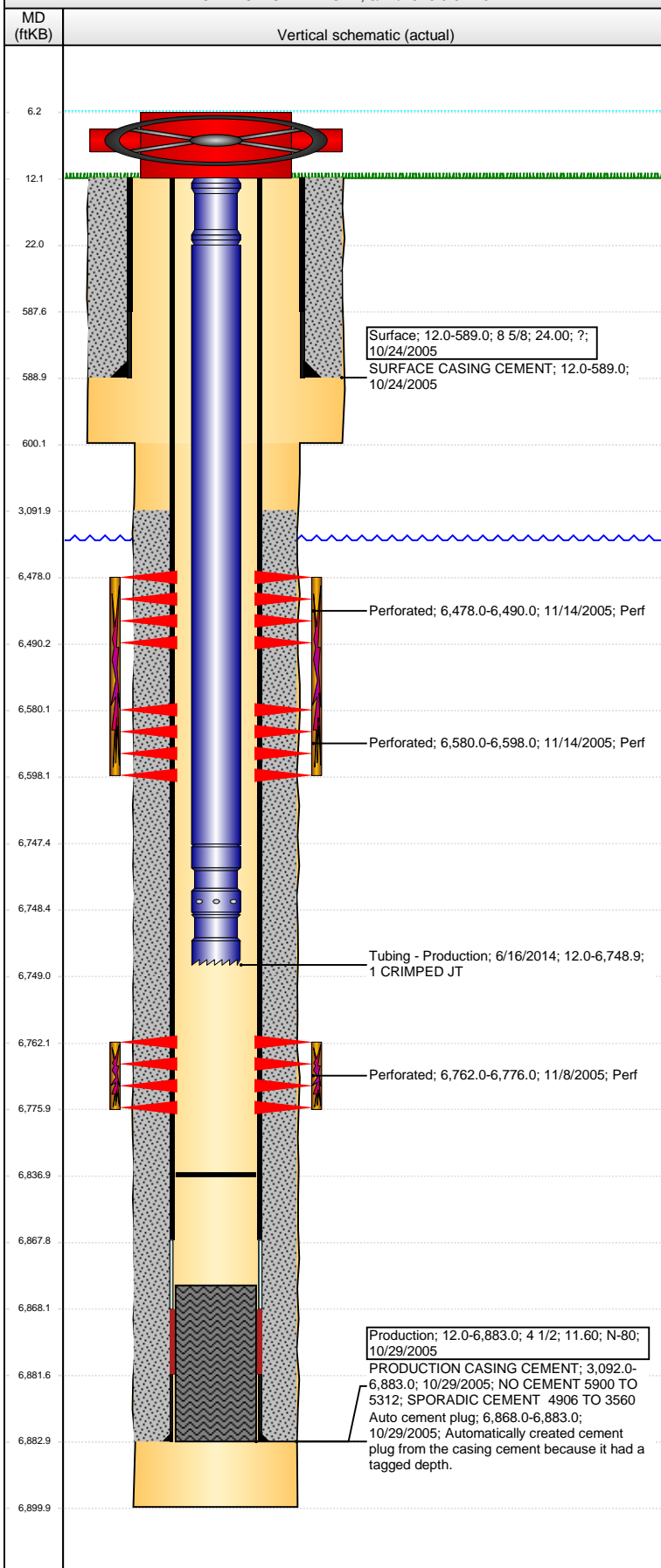
| Item Des            | OD (in) | Wt (lb/ft) | Grade | Jts | Len (ft) | Btm (ftKB) | Btm (TVD) (ftKB) |
|---------------------|---------|------------|-------|-----|----------|------------|------------------|
| Pup Joint           | 2 3/8   |            | N-80  | 1   | 10.00    | 22.0       |                  |
| EUE 8rd Tubing      | 2 3/8   | 4.70       | J-55  | 204 | 6,725.31 | 6,747.3    |                  |
| Pump Seating Nipple | 2 3/8   | 1.10       |       | 1   | 1.10     | 6,748.4    |                  |
| Notched collar      | 2 3/8   |            |       | 1   | 0.50     | 6,748.9    |                  |

## Perforation Data

| Zone                   | Bnch/St g | Entered Shot Total | Top (ftKB) | Btm (ftKB) | Date       |
|------------------------|-----------|--------------------|------------|------------|------------|
| NIORARA, ORIGINAL HOLE |           | 72                 | 6,478.00   | 6,490.00   | 11/14/2005 |
| NIORARA, ORIGINAL HOLE |           | 108                | 6,580.00   | 6,598.00   | 11/14/2005 |
| CODELL, ORIGINAL HOLE  |           | 56                 | 6,762.00   | 6,776.00   | 11/8/2005  |

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VERTICAL - ORIGINAL HOLE, 3/22/2016 3:31:19 PM



## Stimulations & Treatments

| Date             | Zone                  | Primary Job Type               |
|------------------|-----------------------|--------------------------------|
| 11/14/2005       | CODELL, ORIGINAL HOLE | DRILLING/COMPLETION - ORIGINAL |
| Technical Result | Tech Result Details   | Tech Result Note               |

Comment

| Date             | Zone                    | Primary Job Type               |
|------------------|-------------------------|--------------------------------|
| 11/14/2005       | NIOBRARA, ORIGINAL HOLE | DRILLING/COMPLETION - ORIGINAL |
| Technical Result | Tech Result Details     | Tech Result Note               |

Comment

## Other In Hole

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

## Logs

| Date       | Type                | Top, MD (ftKB) | Btm, MD (ftKB) |
|------------|---------------------|----------------|----------------|
| 10/29/2005 | COMPENSATED DENSITY | 3,000.0        | 6,885.0        |
| 10/29/2005 | INDUCTION           | 589.0          | 6,905.0        |
| 11/8/2005  | CBL/CCL/GR          | 5,900.0        | 6,826.0        |
| 2/1/2013   | GYRO                | 12.0           | 6,700.0        |