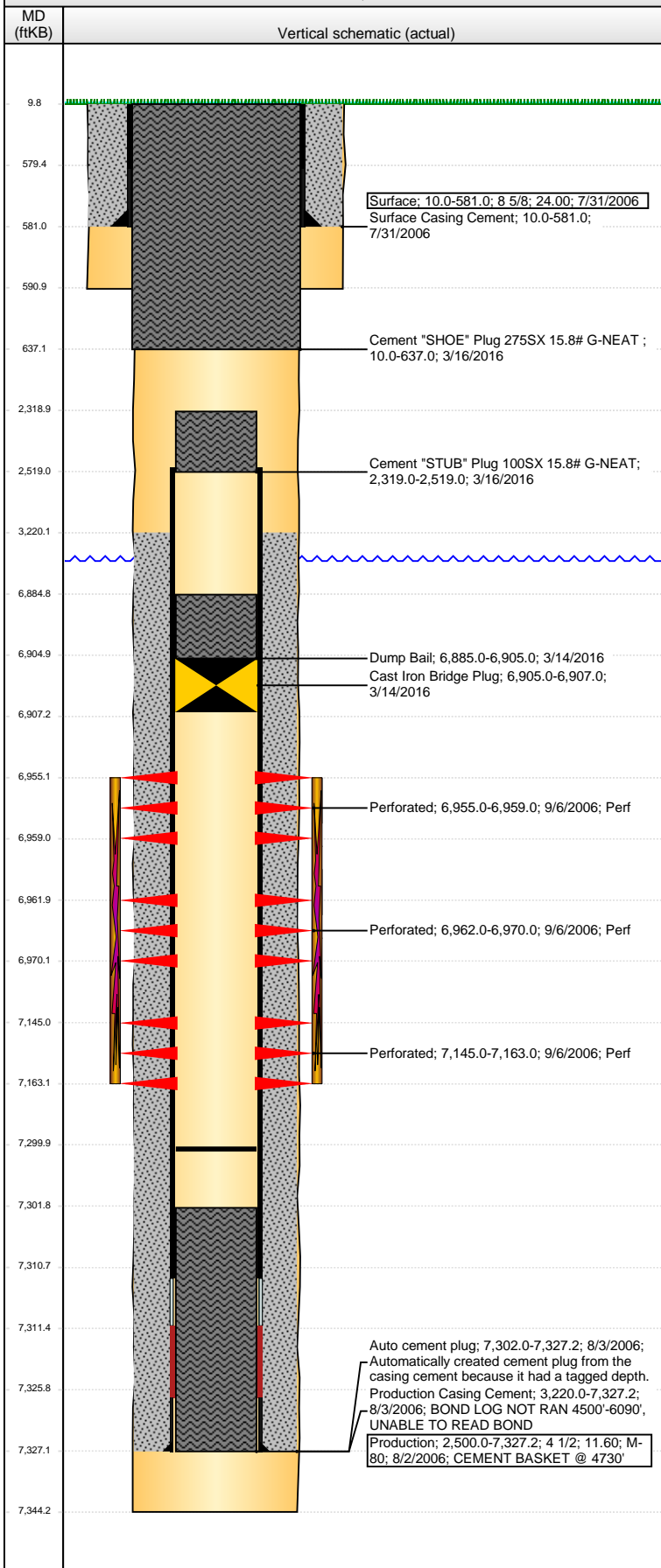


Wellbore Schematic Input Report

Well Name: TRE-MAT 23-13

VERTICAL - ORIGINAL HOLE, 4/18/2016 3:55:01 PM



Well Header

| | | | |
|-------------------------------------|-------------------------------|------------------------|-------------------------|
| API 05-123-23551 | Business Unit DJ BASIN | District 15 | Well Config VERTICAL |
| Original KB Elevation (ft) 4,787 | KB - GL / MSL (ftKB) 10.00 | Spud Date 7/30/2006 | P & A Date 3/16/2016 |

Comment

DISCREPANCY: DRL RPT TD 7287', ST RPT & LOG TD 7344'. USED 7344'.

Directions To Well

392 & 23, S 1/2, W 1/10, N INTO

Congressional Location

| | | | | | | | | |
|-----------------|-----------------|-----------------|-----------------|---------------|-----------------|-------------|-------------|------------------|
| Quarter 1 SE | Quarter 2 SW | Quarter 3 NE | Quarter 4 NW | Section 23 | Township 6 N | Twnshp N... | Range 67 | Rng E/W Dir 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 |
|-----------|--------------|----------------|-------------------------|
| 8/2/2006 | 7,310.8 | CASING TALLY | TOP OF FLOAT COLLAR |
| 8/31/2006 | 7,302.0 | CASED HOLE LOG | DEPTH LOGGER ON CBL |
| 9/27/2006 | 7,300.0 | TAG | LAST REPORTED CLEAN OUT |

Wellbore Sections

| Section Des | Size (in) | Act Top, MD (ftKB) | Act Btm, MD (ftKB) |
|-------------|-----------|--------------------|--------------------|
| SURFACE | 12 1/4 | 10.0 | 591.0 |
| PRODUCTION | 7 7/8 | 591.0 | 7,344.0 |

Zone Statuses

| Zone Name | Status Date | Status | Fluid Type | Job | Prod Method |
|---------------|-------------|--------|------------|----------------|-------------|
| NIOBRARA | 9/13/2006 | PR | | DRILLING/CO... | |
| NIOBRARA | 1/6/2011 | PR | Water | | Flowing |
| NIOBRARA | 3/14/2016 | P&A | Water | ABANDON WE... | |
| CODELL | 9/13/2006 | PR | | DRILLING/CO... | |
| CODELL | 1/6/2011 | PR | Water | | Flowing |
| CODELL | 2/13/2015 | PR | | | |
| CODELL | 3/14/2016 | P&A | | ABANDON WE... | |
| NIOBRARA-C... | 3/14/2016 | P&A | | ABANDON WE... | |

Casing Strings

Surface, 581.0ftKB

| Casing Description | Run Date | OD (in) | Wt/Len (l...) | Grade | Top, MD (ft...) | MD (ftKB) |
|--------------------|-----------|---------|---------------|-------|-----------------|-----------|
| Surface | 7/31/2006 | 8 5/8 | 24.00 | | 10.0 | 581.0 |

Production, 7,327.2ftKB

| Casing Description | Run Date | OD (in) | Wt/Len (l...) | Grade | Top, MD (ft...) | MD (ftKB) |
|--------------------|----------|---------|---------------|-------|-----------------|-----------|
| Production | 8/2/2006 | 4 1/2 | 11.60 | M-80 | 10.0 | 7,327.2 |

Cement

| Description | Top Depth (ftKB) | Bottom Depth (ftKB) |
|---------------------------------------|------------------|---------------------|
| Surface Casing Cement | 10.0 | 581.0 |
| Production Casing Cement | 3,220.0 | 7,327.2 |
| Dump Bail | 6,885.0 | 6,905.0 |
| Cement "STUB" Plug 100SX 15.8# G-NEAT | 2,319.0 | 2,519.0 |
| Cement "SHOE" Plug 275SX 15.8# G-NEAT | 10.0 | 637.0 |

Tubing Strings

| Tubing Description | Run Date | String... | ID (in) | Wt (lb/ft) | Grade | Len (ft) | Set De... |
|---------------------|-----------|-----------|---------|------------|-------|----------|-----------|
| Tubing - Production | 9/27/2006 | 2 3/8 | | | | 7,129.00 | |

Perforation Data

| Zone | Bnch/St g | Entered Shot Total | Top (ftKB) | Btm (ftKB) | Date |
|-------------------------|-----------|--------------------|------------|------------|----------|
| NIOBRARA, ORIGINAL HOLE | B | 8 | 6,955.00 | 6,959.00 | 9/6/2006 |
| NIOBRARA, ORIGINAL HOLE | B | 16 | 6,962.00 | 6,970.00 | 9/6/2006 |
| CODELL, ORIGINAL HOLE | | 18 | 7,145.00 | 7,163.00 | 9/6/2006 |

Stimulations & Treatments

| Date | Zone | Primary Job Type |
|------------------|-------------------------|--------------------------------|
| 9/6/2006 | NIOBRARA, ORIGINAL HOLE | DRILLING/COMPLETION - ORIGINAL |
| Technical Result | | Tech Result Details |
| | | Tech Result Note |

Comment
ACIDIZING

Well Name: TRE-MAT 23-13

VERTICAL - ORIGINAL HOLE, 4/18/2016 3:55:04 PM

Stimulations & Treatments

| | | |
|------------------|--|--|
| Date 9/7/2006 | Zone NIOBRARA-CODELL, ORIGINAL HOLE | Primary Job Type DRILLING/COMPLETION - ORIGINAL |
| Technical Result | Tech Result Details | Tech Result Note |

Comment
LIMITED ENTRY FRAC

Other In Hole

| Run Date | Des | OD (in) | Top (ftKB) | Btm (ftKB) |
|-----------|-----------------------|---------|------------|------------|
| 3/14/2016 | Cast Iron Bridge Plug | 3.99 | 6,905.0 | 6,907.0 |

Logs

| Date | Type | Top, MD (ftKB) | Btm, MD (ftKB) |
|-----------|---------------------|----------------|----------------|
| 8/3/2006 | COMPENSATED DENSITY | 3,000.0 | 7,324.0 |
| 8/3/2006 | INDUCTION | 581.0 | 7,344.0 |
| 8/31/2006 | CBL/CCL/GR | 3,000.0 | 7,300.0 |

