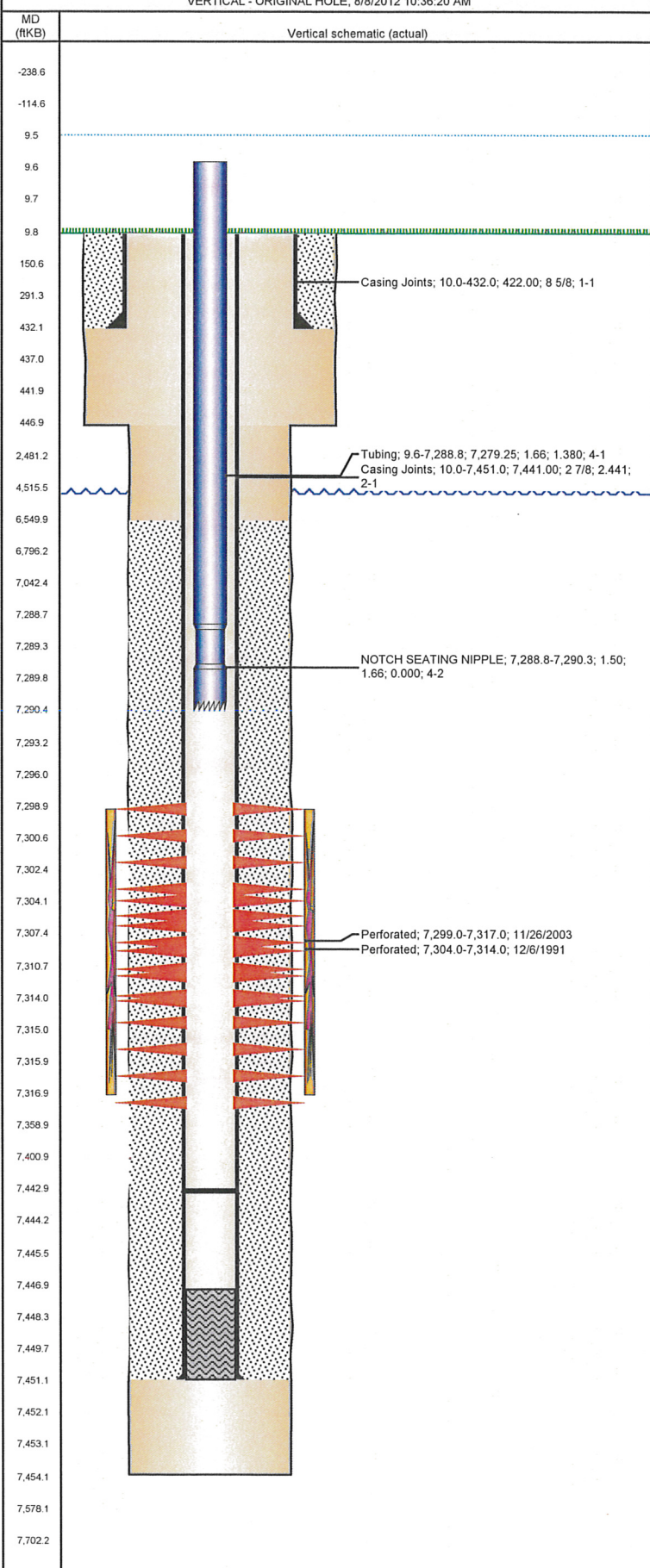


Frac Wellbore Schematic Report

Well Name: FREUND L07-06

VERTICAL - ORIGINAL HOLE, 8/8/2012 10:36:20 AM



Well Header

| | | | |
|----------------------------|----------------------|-----------|-------------|
| API | Business Unit | District | Well Config |
| 05-123-15278 | WATTENBERG | 15 | VERTICAL |
| Original KB Elevation (ft) | KB - GL / MSL (ftKB) | Spud Date | P & A Date |
| 4,804.00 | 10.00 | 11/7/1991 | |
| Comment | | | |

Directions To Well

RD 36/ RD 25 1/2 - S ALONG RETENSION POND .4 - W INTO

Current PBTD (ftKB)

ORIGINAL HOLE - 7,443.0

Surface Location (Congressional)

| | | | | | | | | |
|-----------|-----------|-----------|-----------|---------|----------|-------------|-------|-------------|
| Quarter 1 | Quarter 2 | Quarter 3 | Quarter 4 | Section | Township | Twnshp N... | Range | Rng E/W Dir |
| | | SE | NW | 7 | 3 | N | 66 | 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 |
|------------|--------------|----------------|--------------------------|
| 11/12/1991 | 7,447.0 | CASING TALLY | LATCH DOWN BAFFLE/COLLAR |
| 12/6/1991 | 7,393.0 | CASED HOLE LOG | DEPTH-LOGGER/CBL |

Wellbore Sections

| Section Des | Size (in) | Act Top (ftKB) | Act Btm (ftKB) |
|-------------|-----------|----------------|----------------|
| SURFACE | 12 1/4 | 10.0 | 447.0 |
| PRODUCTION | 7 7/8 | 447.0 | 7,454.0 |

Zone Statuses

| Zone Name | Status Date | Status | Job |
|-----------|-------------|--------|---|
| CODELL | 12/17/1991 | PR | DRILLING/COMPLETION - ORIGINAL, 11/7/1991 00:00 |
| CODELL | 12/5/2003 | PR | RE-FRAC, 11/22/2003 00:00 |
| CODELL | 4/6/2011 | PR | TRI-FRAC, 1/29/2010 06:00 |

Casing Strings

| Csg Des | Run Date | OD (in) | Wt/Len (lb/ft) | Grade | Top (ftKB) | Set Depth (ftKB) |
|------------|------------|---------|----------------|-------|------------|------------------|
| Surface | 11/8/1991 | 8 5/8 | 24.00 | | 10.0 | 432.0 |
| Production | 11/13/1991 | 2 7/8 | 6.50 | N-80 | 10.0 | 7,451.0 |

Cement

| Des | Top (ftKB) | Btm (ftKB) |
|--------------------------|------------|------------|
| SURFACE CASING CEMENT | 10.0 | 432.0 |
| PRODUCTION CASING CEMENT | 6,550.0 | 7,451.0 |

Tubing Components

| Item Des | OD (in) | Wt (lb/ft) | Grade | Jts | Len (ft) |
|----------------------|---------|------------|-------|-----|----------|
| Tubing | 1.66 | 2.33 | J-55 | 221 | 7,279.25 |
| NOTCH SEATING NIPPLE | 1.66 | 0.00 | X | 1 | 1.50 |

Perforation Data

| Zone | Bnch/St g | Entered Shot Total | Top (ftKB) | Btm (ftKB) | Date |
|-----------------------|-----------|--------------------|------------|------------|------------|
| CODELL, ORIGINAL HOLE | | 72 | 7,299.0 | 7,317.0 | 11/26/2003 |
| CODELL, ORIGINAL HOLE | | 40 | 7,304.0 | 7,314.0 | 12/6/1991 |

Stimulations & Treatments

| Bnch/Stg | Date | Zone | Primary Job Type |
|----------|------------|-----------------------|--------------------------------|
| | 12/11/1991 | CODELL, ORIGINAL HOLE | DRILLING/COMPLETION - ORIGINAL |

| | | | | |
|--------------------------|--------------------------|--------------------------|--------------------------|-------------------|
| Total Add Amount | | Total Clean Volume... | Vol Slurry Tot (gal) | Vol Gas Tot (MCF) |
| Proppant 200000 lb | | | 70513.80 | |
| Avg Treat Pressure (psi) | Max Treat Pressure (psi) | Avg Treat Rate (bbl/min) | Max Treat Rate (bbl/min) | |
| 5,600.0 | 5,800.0 | 13.80 | 14.30 | |

| Bnch/Stg | Date | Zone | Primary Job Type |
|----------|-----------|-----------------------|------------------|
| | 12/4/2003 | CODELL, ORIGINAL HOLE | RE-FRAC |

| | | | | |
|---------------------------|--------------------------|--------------------------|--------------------------|-------------------|
| Total Add Amount | | Total Clean Volume... | Vol Slurry Tot (gal) | Vol Gas Tot (MCF) |
| Proppant Ottawa 246160 lb | | | 131796.00 | |
| Avg Treat Pressure (psi) | Max Treat Pressure (psi) | Avg Treat Rate (bbl/min) | Max Treat Rate (bbl/min) | |
| 5,210.0 | 5,485.0 | 14.00 | 14.30 | |

Frac Wellbore Schematic Report

Well Name: FREUND L07-06

VERTICAL - ORIGINAL HOLE, 8/8/2012 10:36:20 AM

Stimulations & Treatments

| Brnch/Stg | Date | Zone | Primary Job Type |
|--|--------------------------|--------------------------|--------------------------|
| | 2/25/2011 | CODELL, ORIGINAL HOLE | TRI-FRAC |
| Comment (CODELL TF): PRE JOB ISDP = 3300 PSI, PRE JOB 5 MIN = 2263 PSI. JOB WENT WELL WITH NO ISSUES TO REPORT. POST 5 MIN = 3232 PSI. AVERAGES - VISC = 26.8 CP, TEMP = 68.65 DEG, PH = 10.26 , NOLTE = +0.04. | | | |
| Total Add Amount | | Total Clean Volume... | Vol Slurry Tot (gal) |
| Proppant Ottawa | | 129070.62 | 139955.34 |
| 240461.104 lb | | | |
| Avg Treat Pressure (psi) | Max Treat Pressure (psi) | Avg Treat Rate (bbl/min) | Max Treat Rate (bbl/min) |
| 5,139.0 | 5,412.0 | 14.00 | 14.70 |

Other In Hole

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

Logs

| Date | Type | Top (ftKB) | Btm (ftKB) |
|------------|---------------------|------------|------------|
| 10/28/2009 | CBL/CCL/GR | 6,400.0 | 7,393.0 |
| 10/28/2009 | COMPENSATED DENSITY | 3,990.0 | 7,454.0 |

