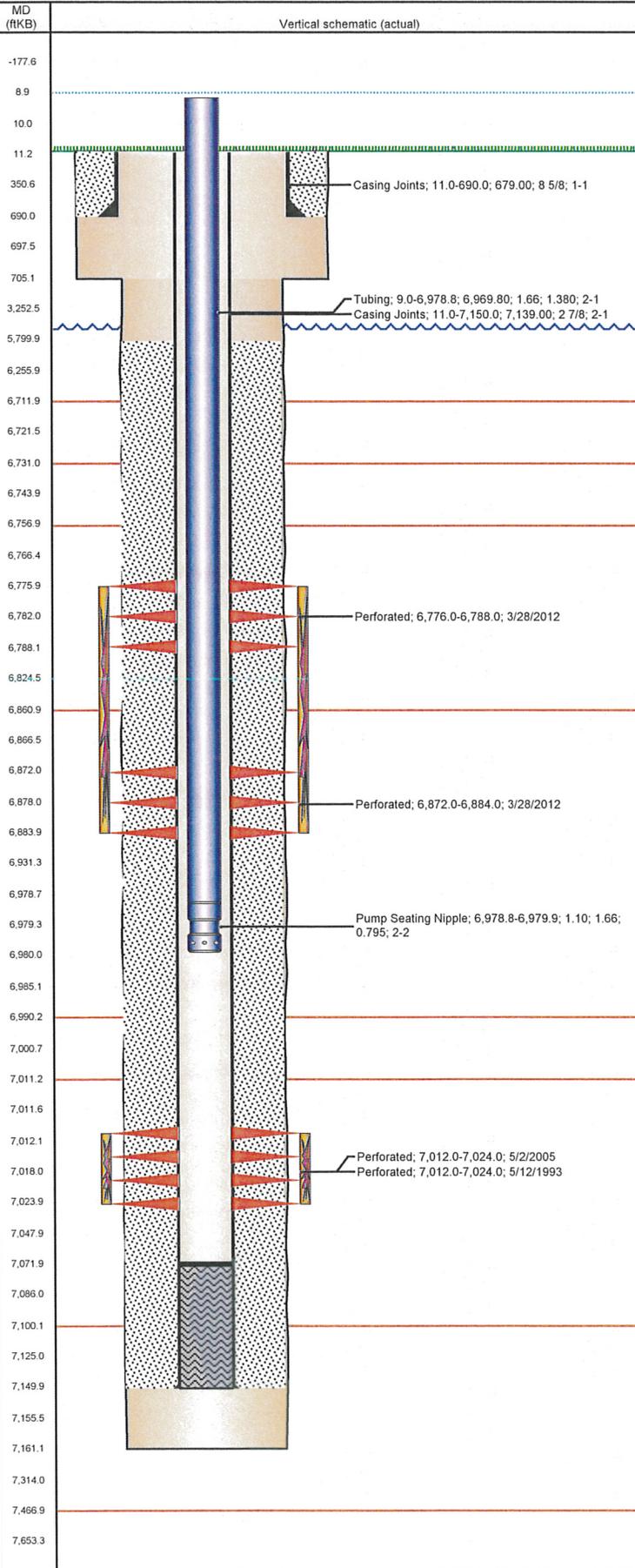


Well Name: CYDNEY WHITE D33-07

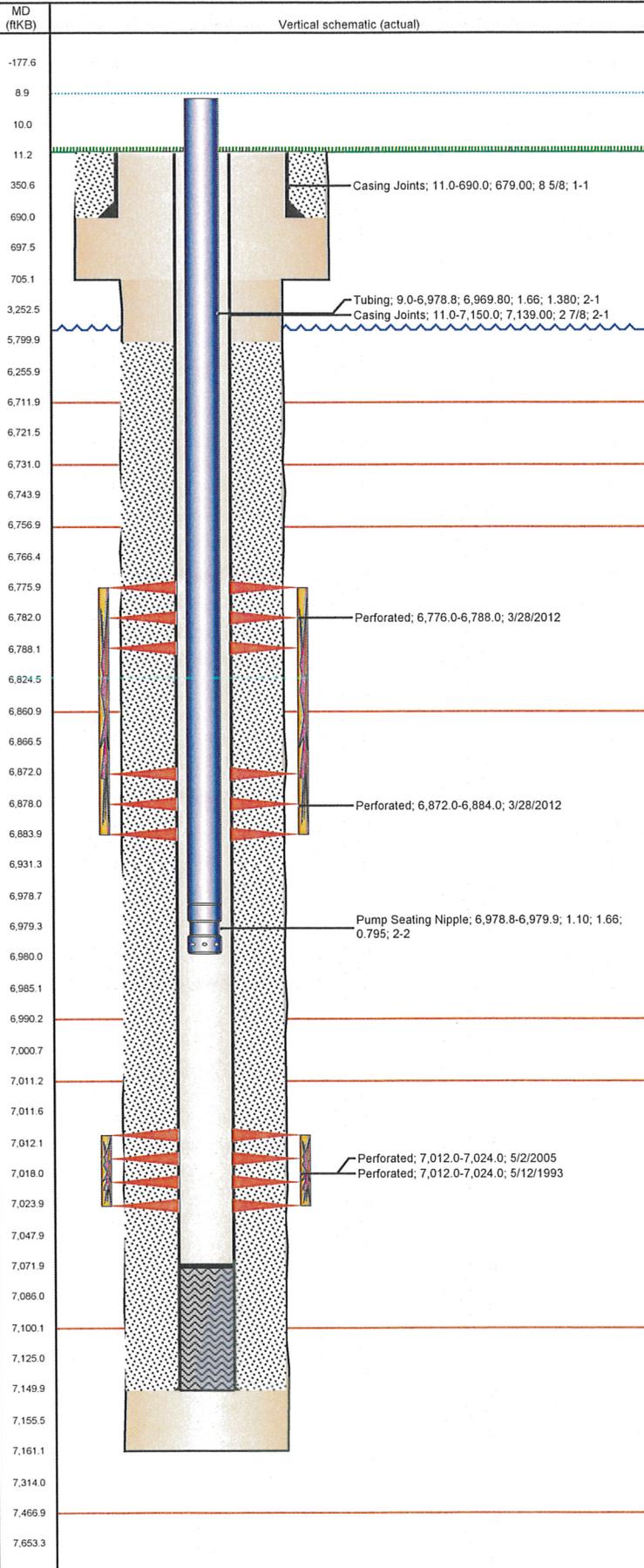
VERTICAL - ORIGINAL HOLE, 8/7/2012 10:36:01 AM



| Well Header | | | |
|---|-------------------------------|--------------------------|---|
| API 05-123-16850 | Business Unit WATTENBERG | District 15 | Well Config VERTICAL |
| Original KB Elevation (ft) 4,854.00 | KB - GL / MSL (ftKB) 11.00 | Spud Date 4/26/1993 | P & A Date |
| Comment | | | |
| Directions To Well WCR 34 & WCR 53, (#1993) EAST THUR GATE, SOUTH 2.2 MILES, EAST 0.8, SOUTH 0.9, EAST 0.1, SOUTH & EAST 0.1, SOUTH 0.3 INTO | | | |
| Current PBTD (ftKB) ORIGINAL HOLE - 7,072.0 | | | |
| Surface Location (Congressional) | | | |
| Quarter 1 | Quarter 2 | Quarter 3 SE | Quarter 4 NE |
| Section 33 | | Township 3 N | Range 64 W |
| Township N.. | | Rng E/W Dir | |
| 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 |
| 5/12/1993 | 7,084.0 | CASED HOLE LOG | DEPTH-LOGGER/CBL |
| 3/27/2012 | 6,932.0 | TAG | SAND PLUG OVER CODELL |
| Wellbore Sections | | | |
| Section Des | | Size (in) | Act Top (ftKB) |
| SURFACE | | 12 1/4 | 11.0 |
| PRODUCTION | | 7 7/8 | 705.0 |
| | | | 7,161.0 |
| Act Btm (ftKB) | | | |
| Zone Statuses | | | |
| Zone Name | Status Date | Status | Job |
| CODELL | 6/22/1993 | PR | DRILLING/COMPLETION - ORIGINAL, 4/26/1993 00:00 |
| CODELL | 6/22/2005 | PR | RE-FRAC, 4/26/2005 00:00 |
| CODELL | 3/27/2012 | SI | RECOMPLETION, 3/26/2012 06:00 |
| NIOBRARA | 4/3/2012 | PR | RECOMPLETION, 3/26/2012 06:00 |
| Casing Strings | | | |
| Csg Des | Run Date | OD (in) | Wt/Len (lb/ft) |
| Surface Casing | 4/27/1993 | 8 5/8 | 24.00 |
| Production | 5/1/1993 | 2 7/8 | 6.50 |
| Grade | Top (ftKB) | Set Depth (ftKB) | |
| N-80 | 11.0 | 7,150.0 | |
| Cement | | | |
| Des | | Top (ftKB) | Btm (ftKB) |
| Surface Casing Cement | | 11.0 | 690.0 |
| Production Casing Cement | | 5,800.0 | 7,150.0 |
| Tubing Components | | | |
| Item Des | OD (in) | Wt (lb/ft) | Grade |
| Tubing | 1.66 | 2.33 | J-55 |
| Pump Sealing Nipple | 1.66 | 2.33 | J-55 |
| Jts | Len (ft) | | |
| 212 | 6,969.80 | | |
| 1 | 1.10 | | |
| Perforation Data | | | |
| Zone | Bnch/Stg | Entered Shot Total | Top (ftKB) |
| NIOBRARA, ORIGINAL HOLE | A | 48 | 6,776.0 |
| NIOBRARA, ORIGINAL HOLE | B | 48 | 6,872.0 |
| CODELL, ORIGINAL HOLE | | 49 | 7,012.0 |
| CODELL, ORIGINAL HOLE | | 36 | 7,012.0 |
| Btm (ftKB) | Date | | |
| 6,788.0 | 3/28/2012 | | |
| 6,884.0 | 3/28/2012 | | |
| 7,024.0 | 5/12/1993 | | |
| 7,024.0 | 5/2/2005 | | |
| Stimulations & Treatments | | | |
| Bnch/Stg | Date | Zone | Primary Job Type |
| | 5/13/1993 | CODELL, ORIGINAL HOLE | DRILLING/COMPLETION - ORIGINAL |
| Comment | | | |
| Total Add Amount | | Total Clean Volume... | Vol Slurry Tot (gal) |
| Proppant 151000 lb | | | 56364.00 |
| Vol Gas Tot (MCF) | | | |
| | | | |
| Avg Treat Pressure (psi) | Max Treat Pressure (psi) | Avg Treat Rate (bbl/min) | Max Treat Rate (bbl/min) |
| 4,750.0 | 5,260.0 | 13.70 | 14.50 |
| Bnch/Stg | Date | Zone | Primary Job Type |
| | 5/10/2005 | CODELL, ORIGINAL HOLE | RE-FRAC |
| Comment | | | |
| Cdl RF dwn csg | | | |
| Total Add Amount | | Total Clean Volume... | Vol Slurry Tot (gal) |
| Proppant Ottawa 245500 lb | | | 129150.01 |
| Vol Gas Tot (MCF) | | | |
| | | | |
| Avg Treat Pressure (psi) | Max Treat Pressure (psi) | Avg Treat Rate (bbl/min) | Max Treat Rate (bbl/min) |
| 4,609.0 | 4,923.0 | 14.40 | 14.60 |

Well Name: CYDNEY WHITE D33-07

VERTICAL - ORIGINAL HOLE, 8/7/2012 10:36:01 AM



Stimulations & Treatments

| | | | | |
|--|--------------------------|--------------------------|--------------------------|-------------------|
| Bnch/Stg | Date | Zone | Primary Job Type | |
| A,B | 3/31/2012 | NIOBRARA, ORIGINAL HOLE | RECOMPLETION | |
| Comment | | | | |
| (NIOBRARA A,B RC): LOAD & BREAK W/SLICKWATER FOLLOWED WITH 500 GAL 15% HCL, PUSHED THROUGH PERFORATIONS & SHUT DOWN FOR 5 MINUTES. PREJOB ISIP=3541 PSI, 5 MIN=2927 PSI. AFTER COMING BACK ON WITH SLICKWATER AFTER ACID, WE WERE ONLY ABLE TO GET 6-7 BPM, SO I ASKED TO RUN BUFFER WITH THE FR. PRESSURE DECREASED AND WE WERE ABLE TO GET AROUND 11 BPM FOR SLICKWATER PAD. DURING GEL, THERE WAS A DELAYED RESPONSE IN THROTTLING A PUMP, CAUSED A PRESSURE SPIKE THAT EXCEEDED 5,000 PSI. SINCE WE WERE ONLY ABLE TO GET 12- 16 BPM DURING GEL, BREAKER SYSTEM WAS SLIGHTLY MODIFIED TO ENSURE THE GEL WOULDN'T BREAK BEFORE ALL PROPPANT WAS PLACED. PRESSURE CAME UP RIGHT AS HOPPER WAS GOING EMPTY DURING 4 PPG. HAD TO REDUCE RATE DURING FLUSH IN ORDER TO GET FLUSHED. POST JOB ISIP=3761 PSI, 5 MIN= 3627 PSI. JOB AVERAGES: 4585 PSI, 12.3 BPM, 20.2 CP, 10.45 PH, 74.5F. JOB MAX: 5031 PSI, 16.7 BPM. | | | | |
| Total Add Amount | | Total Clean Volume... | Vol Slurry Tot (gal) | Vol Gas Tot (MCF) |
| Proppant Ottawa 254236.2 lb | | 149519.59 | 161037.66 | |
| Avg Treat Pressure (psi) | Max Treat Pressure (psi) | Avg Treat Rate (bbl/min) | Max Treat Rate (bbl/min) | |
| 4,585.0 | 5,031.0 | 12.40 | 16.70 | |
| Other In Hole | | | | |
| Run Date | Des | OD (in) | Top (ftKB) | Btm (ftKB) |
| | | | | |
| Logs | | | | |
| Date | Type | Top (ftKB) | Btm (ftKB) | |
| 5/12/1993 | CBL/CCL/GR | 5,650.0 | 7,084.0 | |
| 5/12/1993 | COMPENSATED DENSITY | 6,300.0 | 7,135.0 | |
| 5/12/1993 | DUAL INDUCTION | 3,900.0 | 4,500.0 | |