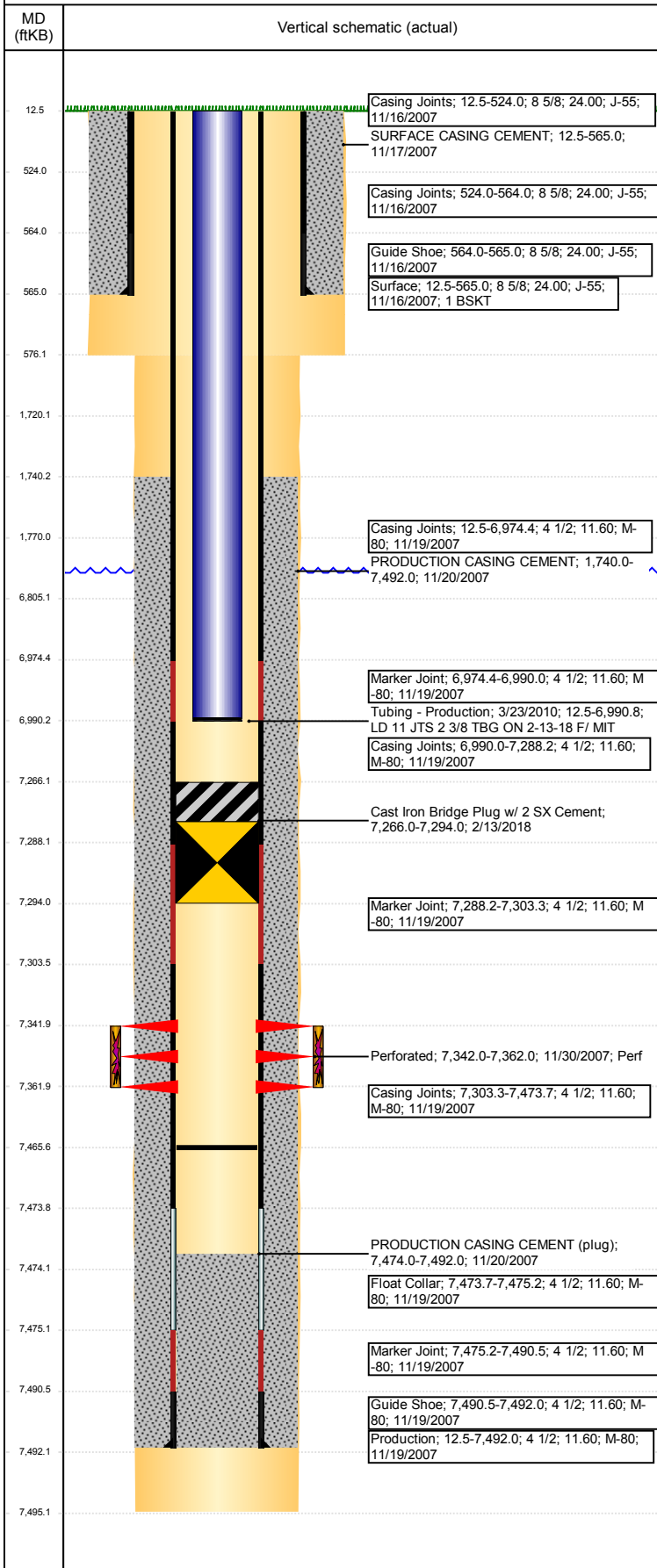


Well Name: BERNHARDT O12-19

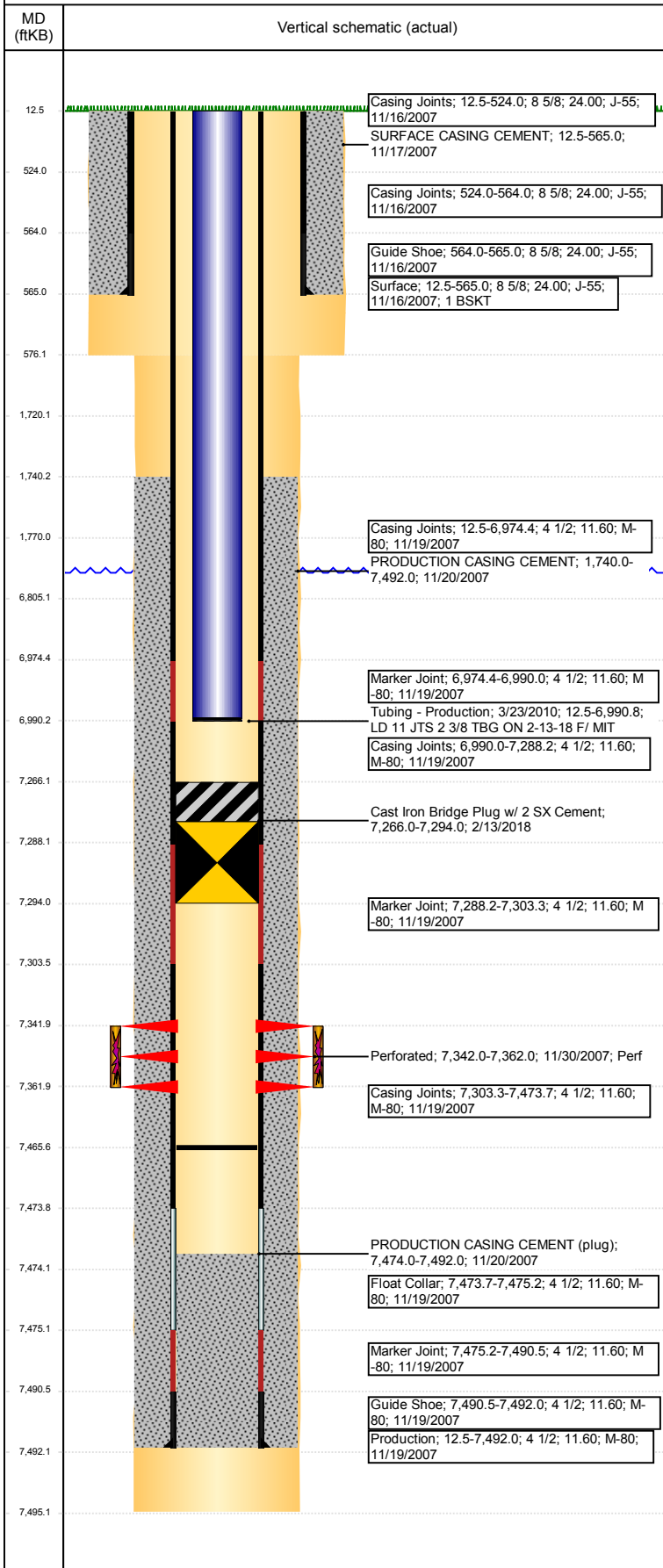
DEVIATED - ORIGINAL HOLE, 6/13/2018 3:15:05 PM



| Well Header | | | | | | | |
|--|--|---------------------------------|------------------------------|-------------------------------------|-----------------------------|---------------------------------------|---------------------|
| API 05-123-26525 | | Well Report Center 425661519 | | Well Configuration Type DEVIATED | | | |
| Original KB Elevation (ft) 4,744.5 | | KB - GL / MSL (ftKB) 12.50 | | Spud Date 11/16/2007 | | P & A Date | |
| Production Route Watt - A1-10 | | | Well Production Status AB | | | SoRT Ignore Yes | |
| Directions To Well FROM THE INTERSECTION OF HIGHWAY 60 AND CR 23-1/2, GO NORTH 1/10, THE WEST 4/10, THEN SOUTH INTO LOCATION. | | | | Actual Latitude (°) 40.33241061 | | Actual Longitude (°) -104.84143390 | |
| Comment | | | | | | | |
| Congressional Location | | | | | | | |
| Quarter 3 NE | Quarter 4 NW | Section 12 | Township 4 | Twntshp N/S Dir N | Range 67 | Range E/W Dir W | |
| Rig Operator | | | | | | | |
| Rig Operator FAUSTO RIVERA, TOOL PUSHER | | | | | | | |
| Plug Back Total Depths | | | | | | | |
| Date | Depth (ftKB) | Method | | | Com | | |
| 3/23/2010 | 7,465.5 | TAG | | | C/O, TBG TALLY MEASUREMENT. | | |
| Wellbore Sections | | | | | | | |
| Section Des | | Size (in) | | Act Top, MD (ftKB) | | Act Btm, MD (ftKB) | |
| Surface | | 12 1/4 | | 12 | | 576 | |
| Production | | 7 7/8 | | 576 | | 7,495 | |
| Zone Statuses | | | | | | | |
| Zone Name | | Status Date | | | Status | | |
| CODELL | | 2/13/2018 | | | AB | | |
| Casing Strings | | | | | | | |
| Surface, 565.0ftKB | | | | | | | |
| Casing Description Surface | Run Date 11/16/2007 | OD (in) 8 5/8 | Wt/Len (l... 24.00 | Grade J-55 | Top, MD (ft... 12.5 | MD (ftKB) 565.0 | |
| Production, 7,492.0ftKB | | | | | | | |
| Casing Description Production | Run Date 11/19/2007 | OD (in) 4 1/2 | Wt/Len (l... 11.60 | Grade M-80 | Top, MD (ft... 12.5 | MD (ftKB) 7,492.0 | |
| Cement | | | | | | | |
| Des | | | Start Date | | Top (ftKB) | | Btm (ftKB) |
| SURFACE CASING CEMENT | | | 11/17/2007 | | 12.5 | | 565.0 |
| PRODUCTION CASING CEMENT | | | 11/20/2007 | | 1,740.0 | | 7,492.0 |
| Proposed Cement | | | | | | | |
| Des | | | | | Top (ftKB) | | Btm (ftKB) |
| PA Plug | | | | | 6,805.0 | | 7,266.0 |
| Shoe Plug | | | | | 1,720.0 | | 1,770.0 |
| | | | | | 12.5 | | 1,720.0 |
| Tubing Strings | | | | | | | |
| Tubing Description Tubing - Production | Run Date 3/23/2010 | String... 2 3/8 | ID (in) 2.00 | Wt (lb/ft) 4.70 | Grade J-55 | Len (ft) 6,978.27 | Set De... |
| 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 | 226 | 6,976.62 | 6,989.1 | |
| Seat Nipple | 2 3/8 | 4.70 | N-80 | 1 | 1.10 | 6,990.2 | |
| Notched collar | 3 1/16 | 4.70 | J-55 | 1 | 0.55 | 6,990.8 | |
| Other In Hole | | | | | | | |
| Run Date | Des | | | OD (in) | Top (ftKB) | Btm (ftKB) | |
| 2/13/2018 | Cast Iron Bridge Plug w/ 2 SX Cement | | | 3.99 | 7,266.0 | 7,294.0 | |
| Proposed Other In Hole | | | | | | | |
| Des | | | | OD (in) | Top (ftKB) | Btm (ftKB) | |
| | | | | | | | |
| Logs | | | | | | | |
| Date | Type | | | | Top, MD (ftKB) | Btm, MD (ftKB) | |
| 11/19/2007 | Caliper/Comp. Den./Neutron/GR/SP/ML | | | | 2,390.0 | 7,478.0 | |
| 11/19/2007 | DIL/GR/SP/Caliper | | | | 564.0 | 7,498.0 | |
| 11/29/2007 | Cement Bond | | | | 1,590.0 | 7,444.0 | |
| 5/17/2018 | GYRO | | | | 12.5 | 6,900.0 | |

Well Name: BERNHARDT O12-19

DEVIATED - ORIGINAL HOLE, 6/13/2018 3:15:05 PM



| Perforation Data | | | | | | |
|----------------------------------|---------------------------|-------------|--------------|------------|-----------|-----------|
| Linked Zone | Sum of Entered Shot Total | Top (ftKB) | Btm (ftKB) | Date | | |
| CODELL, ORIGINAL HOLE | 80 | 7,342.00 | 7,362.00 | 11/30/2007 | | |
| Total (Sum) | 80 | | | | | |
| Job Supply Amounts | | | | | | |
| Supply Item Des | Type | Uni... | Job Category | Total ... | Total ... | Total ... |
| WATER - COMPLETION/RE COMP | PUBLIC | bbl | ABANDON | 260.0 | 260.0 | 0.0 |
| Daily Cost Breakdown by Category | | | | | | |
| Sum of Field Est... | Cost Description | Note | | | | |
| 7,831.00 | Downhole | RIG | | | | |
| Sum of Field Est... | Cost Description | Note | | | | |
| 1,500.00 | Downhole | SUPERVISOR | | | | |
| Sum of Field Est... | Cost Description | Note | | | | |
| 150.00 | Downhole | TOILET | | | | |
| Sum of Field Est... | Cost Description | Note | | | | |
| 1,200.00 | Downhole | TRKG | | | | |
| Sum of Field Est... | Cost Description | Note | | | | |
| 1,200.00 | Downhole | H2O | | | | |
| Sum of Field Est... | Cost Description | Note | | | | |
| 3,041.00 | Downhole | W/L | | | | |
| Sum of Field Est... | Cost Description | Note | | | | |
| 2,000.00 | | GAS MONITOR | | | | |
| Sum of Field Est... | | | | | | |
| 16,922.00 | | | | | | |