



Well History

Well Name: **BERNHARDT STATE 21-36**

API 05123311280000		Surface Legal Location		Field Name WATTENBERG		State CO		Well Configuration Type DEVIATED					
Ground Elevation (ft) 4,887.00		Original KB Elevation (ft) 4,902.00		KB-Ground Distance (ft) 15.00		Spud Date 7/4/2010 14:30		Rig Release Date 7/8/2010 22:30		On Production Date 11/10/2010		Abandon Date 5/19/2020	

Daily Operations

Start Date	Summary	End Date
5/18/2020	<p>CREW TO LOCATION</p> <p>IWP TBG- 0 PSI, CSG- 850 PSI, SURFACE CSG- 0 PSI. OPENED WELL TO THE TANK TO BLOW DOWN. R/U RIG PUMP AND CONTROLLED WELL W/ 25 BBLS FRESH WATER. TOO H S/B IN THE DERRICK W/ 251 JTS 2 3/8" 4.70# J-55 8RD TBG. R/U RANGER WIRELINE SERVICES. P/U RIH W/ GAUGE RING DOWN TO 7934'. POOH L/D GAUGE RING. P/U RIH W/ STS 4 1/2" 10K CIBP. CORRELATE WITH LOG AND SET CIBP #1 @ 7914' (50' ABOVE TOP J SAND PERF). DUMP BAILED 2 SACKS CEMENT ON TOP OF CIBP. POOH AND R/D WIRELINE. TIH OUT OF THE DERRICK 240 JTS TBG. R/U RIG PUMP, LOADED TBG AND BACKSIDE, ESTABLISHED CIRCULATION AND ROLLED HOLE CLEAN. TOO H S/B IN THE DERRICK W/ 38 JTS TBG AND POOH L/D ON FLOAT 192 JTS TBG. R/U RANGER WIRELINE SERVICES. P/U RIH W/ STS 4 1/2" 10K CIBP. CORRELATE WITH LOG AND SET CIBP #2 @ 7120' (50' ABOVE TOP NIO PERFS). DUMP BAILED 2 SACKS CEMENT ON TOP OF CIBP. POOH AND R/D WIRELINE. SWI, SDFD, CREW TO THE YARD.</p>	5/18/2020
5/19/2020	<p>CREW TO LOCATION</p> <p>WELL WAS DEAD THIS AM, OPENED WELL TO FLAT TANK. R/U RANGER WIRELINE SERVICES. P/U RIH W/ STS 4 1/2" 10K CIBP. CORRELATE WITH LOG AND SET CIBP #3 @ 2950' AS A COURTESY PLUG. DUMP BAILED 2 SACKS CEMENT ON TOP OF CIBP. POOH L/D BAILER. P/U RIH W/ BOND TOOL AND LOGGED WELL FROM 1000' TO SURFACE TO VERIFY CEMENT TOP. TOC @ 250'. L/D BOND TOOL AND P/U RIH W/ SQUEEZE GUN. SHOT TWO HOLES IN THE CASING AT 220'. POOH R/D WIRELINE. CLOSED BLIND RAMS AND R/U RIG PUMP, LOADED CSG AND ANNULUS WITH FRESH WATER, ESTABLISHED CIRCULATION TO SURFACE THROUGH SQUEEZE HOLES AND ROLLED HOLE CLEAN. KILLED PUMP. WELL WAS STATIC. P/U MULE SHOE AND TIH OUT OF THE DERRICK 48 JTS TBG. P/U RIH W/ 1 JT TBG FOR A TOTAL OF 49 JTS AT 1543'. R/U NEXTIER CEMENT SERVICES. HELD SAFETY MEETING AND PRESSURE TESTED LINES TO 2500 PSI. PUMPED 5 BBLS FRESH WATER AHEAD TO ESTABLISH CIRCULATION. MIXED UP AND PUMPED 110 SACKS (26 BBLS) 14.8 PPG TYPE 3 CEMENT FROM 1543' TO SURFACE INSIDE CSG. GOOD CIRCULATION THROUGHOUT ENTIRE JOB AT 2 BBL/MIN RATE. RETURNED 1 BBL CEMENT TO TANK. R/D CEMENTERS. POOH L/D ON FLOAT 49 JTS TBG AND MULE SHOE. CLEANED EQUIPMENT. N/D BOPS AND N/U WELL HEAD. TIED CEMENTERS ONTO WELL HEAD. WENT STRAIGHT TO CEMENT. MIXED UP AND PUMPED 51 SACKS (12 BBLS) 14.8 PPG TYPE 3 CEMENT THROUGH SQUEEZE HOLES AT 220' TO SURFACE INSIDE ANNULUS. GOOD CIRCULATION THROUGHOUT ENTIRE JOB AT 2 BBL/MIN RATE. RETURNED 2 BBLS CEMENT TO THE TANK. SHUT WELL IN TIGHT. R/D CEMENTERS TO WASH UP. RIGGED DOWN AND MOVED OFF. DUG UP WELL. CUT AND CAPPED WELL 10' BELOW GROUND LEVEL. WELDED ON MARKER PLATE AND BURIED WELL. TURNED OVER TO THE CONSTRUCTION DEPT TO ABANDON THE FLOWLINE.</p> <p>THIS IS THE FINAL REPORT.</p> <p>NOTE THERE WAS NO CASING RECOVERED FROM THIS WELL. THERE WAS 251 JTS 2 3/8" 4.70# J-55 8RD TBG SOLD TO ATP.</p>	5/19/2020