



Well History

Well Name: Schaefer 7CD

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|-----------------------------------|--|---|--|----------------------------------|--|------------------------------|--|--|--|---------------------------------|--|---------------------------|--|
| API 05123290190000 | | Surface Legal Location NWNE 7 6N 66W | | Field Name Eaton | | State CO | | Well Configuration Type Directional | | | | | |
| Ground Elevation (ft) 4,860.00 | | Original KB Elevation (ft) 4,874.00 | | KB-Ground Distance (ft) 14.00 | | Spud Date 2/20/2011 23:15 | | Rig Release Date 2/26/2011 07:00 | | On Production Date 4/26/2011 | | Abandon Date 5/21/2020 | |

Daily Operations

| Start Date | Summary | End Date |
|------------|--|-----------|
| 4/11/2018 | <p>CREW TO LOCATION. HELD SAFETY MEETING. 0 PRESSURES ON WELL. POOH WITH TBNG, BIT AND SCRAPER. PU STS 4.5" RBP, RRETRIEVING HEAD, SN AND RIH WITH 219 JNTS OF 2-3/8" TBNG. SET RBP AT 7120.71' KB WITH 219 JNTS, 10' OUT. LD 1 JNT. ROLLED HOLE CLEAN. TEST PLUG AND CASING TO 2200 PSI. HELD GOOD. BLEED OFF PRESSURE. LD 4 JNTS. RU LUBRICATOR. BROACHED TBNG TO SN WITH 1.901" BROACH. RD LUBRICATOR. PUMPED 2 SKS OF SAND ON TOP OF PLUG. LD 5 JNTS. LAND TBNG IN WELLHEAD AT 6811.14' KB WITH 209 JNTS, SN ANSD RETRIEVING HEAD. ND BOPS. NU 5K TOP FLANGE AND NEW MASTER VALVE. SUMMIT TORQUED AND TESTED WELLHEAD. INSTALLED LUBRICATOR ON WELL. INSTALLED NEW 5K VALVES ON CASING. SECURED WELL. RDMO.</p> <p>FMT'D 20 JNTS OF 2-3/8" 4.7# J-55 8RD EUE TBNG TO INVENTORY AT ATP YARD 8' SUB TO INVENTORY AT PDC YARD</p> | 4/12/2018 |

WBI - Plug Set Other Operator, 11/28/2018 12:00

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|-------------------------------------|---|--------------------------|------------------------|-----------------------|
| Job Category Completion/Workover | Primary Job Type WBI - Plug Set Other Operator | Start Date 11/28/2018 | End Date 11/29/2018 | Objective SET CIBP |
|-------------------------------------|---|--------------------------|------------------------|-----------------------|

Daily Operations

| Start Date | Summary | End Date |
|------------|---|------------|
| 11/28/2018 | <p>MIRU RANGER RIG 22</p> <p>HELD SAFETY MEETING CHECKED WELL PRESSURES 1800 TBG 1800 CSG AND 0 PSI SURFACE. OPENED WELL TO WRK TANK ESTABLISHED CIRCULATION ROLLED HOLE CLEAN. PRESSURE TEST TO 1500 PSI HELD FOR 15 MIN TEST GOOD. N/U BOPS P/U 9 JTS TBG R/U TBG SWIVEL ON TENTH JT. ESTABLISHED CIRCULATION ROLLED SAND OFF RBP RELEASED PLUG. L/D 7 JTS TBG TOO H TO DERRICKS W/ 212 JTS TBG. R/U RANGER WIRE LINE RIH W/ CIBP SET @ 7110' (65' ABOVE NIO PERFS) DUMP BAIL 2 SXS CEMENT ON TOP OF CIBP. SWI DRAIN HARDLINES AND RIG PUMP CREW TO YARD.</p> | 11/28/2018 |
| 11/29/2018 | <p>CREW TO LOCATION WELL WAS DEAD THIS AM, OPENED WELL TO FLAT TANK. R/U PICK TESTING. P/U TEST IN HOLE WITH SN, STS PO BIT SUB AND 3 7/8" CONE BIT. TESTED IN W/ 213 JTS TBG TO 6500 PSI. ALL TBG TESTED GOOD. R/D PICK TESTING. R/U RIG PUMP, LOADED TBG AND BACKSIDE, ESTABLISHED CIRCULATION AND ROLLED HOLE CLEAN. CLOSED PIPE RAMS AND PRESSURE TESTED CSG TO 2000 PSI. HELD FOR 15 MIN. GOOD TEST. RELEASED PRESSURE. L/D 4 JTS TBG TO DISPLACE FLUID. LANDED TBG AS FOLLOWS:</p> <p>KB- 14' 209 JTS 2 3/8" 4.70# J-55 8RD TBG- 6782.04' SN- 1.20' STS PO BIT SUB AND CONE BIT- 2'</p> <p>TOTAL LANDED DEPTH- 6799.24' KB (310' ABOVE CIBP). R/U LUBRICATOR AND MADE BROACH RUN TO SN. NO PROBLEMS. POOH AND R/D LUBRICATOR. N/D BOPS AND N/U TOP FLANGE AND MASTER VALVE. N/U NEW 5K BACKSIDE VALVES. R/U PICK TESTING AND TORQUE AND TESTED WELL HEAD TO 5000 PSI. GOOD TEST. R/D PICK TESTING. SWI, RDMO, LEAVE PLUG IN THE HOLE FOR WBI AHEAD OF THE HORIZONTAL FRAC.</p> | 11/29/2018 |

Abandon Well LOE, 5/20/2020 06:00

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|-------------------------|--------------------------------------|-------------------------|-----------------------|------------------------------------|
| Job Category Abandon | Primary Job Type Abandon Well LOE | Start Date 5/20/2020 | End Date 5/21/2020 | Objective PLUG AND ABANDON WELL |
|-------------------------|--------------------------------------|-------------------------|-----------------------|------------------------------------|

Daily Operations

| Start Date | Summary | End Date |
|------------|---|-----------|
| 5/20/2020 | <p>MIRU RANGER RIG #22 IWP TBG- 0 PSI, CSG- 0 PSI, SURFACE CSG- 0 PSI. HELD SAFETY MEETING AND FUNCTION TESTED BOPS. OPENED WELL TO FLAT TANK. N/D WELL HEAD TREE AND N/U BOPS. R/U RIG PUMP, LOADED TBG AND BACKSIDE, ESTABLISHED CIRCULATION AND ROLLED HOLE CLEAN. CLOSED PIPE RAMS AND PRESSURED UP CSG TO 1000 PSI. HELD AGAINST RAMS FOR 15 MIN. GOOD TEST. RELEASED PRESSURE. TOO H S/B IN THE DERRICK 46 JTS TBG. POOH L/D ON FLOAT 163 JTS TBG. TOTAL TBG IN THE HOLE WAS 209 JTS 2 3/8" 4.70# J-55 8RD TBG. R/U RANGER WIRELINE. P/U RIH W/ GAUGE RING DOWN TO 7096'. TAGGED EXISTING CIBP. POOH. P/U RIH W/ DUMP BAILER AND BAILED 2 SACKS CEMENT ON TOP OF EXISTING PLUG. POOH L/D BAILER. P/U RIH W/ STS 4 1/2" 10K CIBP. CORRELATE WITH LOG AND SET COURTEST PLUG @ 2850'. DUMP BAILED 2 SACKS CEMENT ON TOP OF CIBP. POOH R/D WIRELINE. SWI, SDFD, CREW TO THE YARD.</p> | 5/20/2020 |



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| 5/21/2020 | <p>CREW TO LOCATION</p> <p>WELL WAS DEAD THIS AM, OPENED WELL TO THE FLAT TANK. P/U MULE SHOE AND TIH OUT OF THE DERRICK W/ 47 JTS TBG TO PUT EOT @ 1525'. R/U RIG PUMP, LOADED TBG AND BACKSIDE, ESTABLISHED CIRCULATION AND ROLLED HOLE UNTIL CEMENTERS ARRIVED ON LOCATION. R/U NEXTIER CEMENT SERVICES. HELD SAFETY MEETING AND PRESSURE TESTED LINES TO 1500 PSI. PUMPED 5 BBLs FRESH WATER AHEAD TO ESTABLISH RATE. MIXED UP AND PUMPED 105 SACKS (25 BBLs) 14.8 PPG TYPE 3 CEMENT COVERING FROM 1525' TO SURFACE. GOOD CIRCULATION THROUGHOUT THE ENTIRE JOB AT 2 BBL/MIN RATE. RETURNED 2 BBLs CEMENT TO TANK. R/D CEMENTERS. POOH L/D ON FLOAT 47 JTS TBG AND MULE SHOE. TOPPED OFF W/ 15 SACKS (3 BBLs). TOTAL CEMENT PUMPED WAS 120 SACKS (28 BBLs). R/D CEMENTERS TO WASH UP. CLEANED TANKS AND EQUIPMENT. N/D BOPS AND N/U WELL HEAD. RIGGED DOWN. 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 IS NO CSG PULLED FROM THIS WELL. THERE WAS 209 JTS 2 3/8" 4.70# J-55 8RD TBG SOLD TO KARST.</p> | 5/21/2020 |