



# Well History

Well Name: **Leffler 44-2**

|                                   |  |   |                               |                                    |                                |                           |  |                                     |  |
|-----------------------------------|--|---|-------------------------------|------------------------------------|--------------------------------|---------------------------|--|-------------------------------------|--|
| API<br>05123258580000             |  | Surface Legal Location<br>SESE 2 6N 66W |                               | Field Name<br>Eaton                |                                | State<br>CO               |  | Well Configuration Type<br>Vertical |  |
| Ground Elevation (ft)<br>4,835.00 | Original KB Elevation (ft)<br>4,845.00 | KB-Ground Distance (ft)<br>10.00        | Spud Date<br>12/30/2008 17:15 | Rig Release Date<br>1/3/2009 18:30 | On Production Date<br>3/6/2009 | Abandon Date<br>1/25/2022 |  |                                     |  |

### Daily Operations

| Start Date | Summary   | End Date   |
|------------|---|------------|
| 11/24/2015 | <p>MIRU ENSIGN RIG #316</p> <p>IWP TBG- 50 PSI, CSG- 50 PSI, SURFACE CSG- 0 PSI. HELD SAFETY MEETING AND FUNCTION TESTED BOPS. OPENED WELL TO FLAT TANK AND CONTROLLED W/ FRESH W/ BIOCIDE. R/D WELL HEAD TREE AND N/U BOPS. POOH L/D SUBS AND TALLY OUT TO DERRICK 232 JTS TBG AND L/D ON GROUND 2 JTS TBG W/ BAD PIN ENDS. TOTAL OF 234 JTS TBG IN THE HOLE. R/U PICK TESTING AND P/U NEW SN/NC. TESTED IN OUT OF DERRICK 232 JTS TBG AND P/U TESTED IN 2 JTS OFF FLOAT TO 6500 PSI. FOUND 3 HOLES AND REPLACED A TOTAL OF 5 JTS TBG. R/D PICK TESTING. CONTINUE TO P/U RIH 4 TAG JTS TBG AND DID NOT TAG @ 125' BELOW EOT @ 7373' KB. LEAVING 88' + RAT HOLE, NO C/O NECESSARY. POOH L/D TAG JTS TBG. N/D BOPS AND LANDED WELL AS FOLLOWS:</p> <p>KB- 10'<br/>1 PUP JT- 4'<br/>234 JTS 2 3/8" 4.70# J-55 8 RD TBG- 7248.11'<br/>2 3/8" SN/NC - 1.60'</p> <p>TOTAL LANDED DEPTH = 7263.71' KB ( 13' ABOE TOP CODELL PERFS). N/U WELL HEAD AND MASTER VALVE. SWI, SDFD, CREW TO THE YARD.</p> <p>NOTE THERE WAS 5 BAD JTS FMTD FROM WELL TO ATP YARD/ SCRAPAND 5 JTS GOOD TBG FMTD FROM ATP YARD/ PDC INVENTORY TO WELL.</p> | 11/24/2015 |

### Swab, 11/28/2018 06:00

|                     |                          |                          |                        |                   |
|---------------------|--------------------------|--------------------------|------------------------|-------------------|
| Job Category<br>LOE | Primary Job Type<br>Swab | Start Date<br>11/28/2018 | End Date<br>11/28/2018 | Objective<br>SWAB |
|---------------------|--------------------------|--------------------------|------------------------|-------------------|

### Daily Operations

| Start Date | Summary   | End Date   |
|------------|---|------------|
| 11/28/2018 | <p>ITP80/FTP230 IFL5600<br/>ICP510/FCP240 FFL5400<br/>4RUNS/11BBLs<br/>2 OIL SWABBED/6 WATER<br/>1 OIL FLOWED/2 WATER</p> | 11/28/2018 |

### Abandon Well LOE, 1/24/2022 07:00

|                         |                                      |                         |                       |                                    |
|-------------------------|--------------------------------------|-------------------------|-----------------------|------------------------------------|
| Job Category<br>Abandon | Primary Job Type<br>Abandon Well LOE | Start Date<br>1/24/2022 | End Date<br>1/25/2022 | Objective<br>Plug and abandon well |
|-------------------------|--------------------------------------|-------------------------|-----------------------|------------------------------------|

### Daily Operations

| Start Date | Summary  | End Date  |
|------------|--|-----------|
| 1/24/2022  | <p>CREW TRAVEL, REVIEW RIG JSA AND MORNING SAFETY MEETING. ROAD RIG AND EQUIPMENT TO PAD, SPOT CONTAINMENTS, MIRU RIG 325 AND ALL SUPPORTING EQUIPMENT. ALL AMERICAN SERVICES RIGGED UP 1/17/22 WITH ITP 340, ICP 360 IBHP 0PSI. BLED DOWN AND BURN GAS TO 7AM TODAY. WE TIED IN WITH PRESSURES AT SITP 100, SICP 100, SIBHP 0. GET BOPE READY AND FUNCTION TEST. TIE IN RIG PUMP, CONTROLLED WELL WITH 80 BBLs. ND 3K PRODUCTION TREE, NU 7" 5K FLANGE, NU BOPE, RU FLOOR AND HANDLING EQUIPMENT. UN-LAND HANGER WITH 2 3/8" TBG, TOOH WITH 52 JNTS TO DERRICK AND LAY DOWN 182 JNTS ON TRAILER (234 JNTS OF 2 3/8" 4.7# J-55 8RD EUE TOTAL FOR WELL). MIRU RANGER WIRELINE, MAKE UP 4 1/2" GAUGE RING, RIH TO TOP PERF. POOH MAKE UP 10K 4 1/2" CIBP, RIH CORRELATE AND SET AT 6915'. POOH, TIE IN RIG PUMP, FILL WELLBORE AND PRESSURE TEST 4 1/2" 11.6# CSG AND CIBP TO 1000 PSI FOR 15 MIN WITH 0 PRESSURE LOSS. PICK UP BAILER MIX 2 SXS OF CEMENT, RIH AND DUMP BAIL ON TOP OF PLUG. POOH MAKE UP 10K 4 1/2" CIBP, RIH CORRELATE AND SET AT 2500'. POOH MIX 2 SXS OF CEMENT, RIH AND DUMP BAIL ON TOP OF PLUG. POOH MAKE UP CBL TOOLS, RIH LOG 800' TO SURFACE. MAKE UP NC TO 2 3/8" TBG, RIH WITH 52 JNTS PLACING EOT AT 1633'. SECURE WELL AND PAD, DRAIN EQUIPMENT, SDFN, CREW TRAVEL.</p> | 1/24/2022 |



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**Daily Operations**

| Start Date | Summary  | End Date  |
|------------|--|-----------|
| 1/25/2022  | <p>CREW TRAVEL, REVIEW RIG JSA AND MORNING SAFETY MEETING. CHECK PRESSURES SITP 0, SICP 0, SIBHP 0. FUNCTION TEST BOPE AND OPEN PIPE RAMS, EOT AT 1633' (52 JNTS). MIRU DUCO CEMENT, PRESSURE TEST LINES. PUMP 5BBLs FRESH WATER, ESTABLISH RATE AND CONFIRM GOOD CIRCULATION. MIX PUMP 16 SXS (3 BBLs) 15.8# G CEMENT, DISPLACE TBG WITH 5.5 BBLs FRESH WATER TO BALANCE PLUG PLACING CEMENT FROM 1633' TO 1430'. RD CEMENT LINE, LAY DOWN 28 JNTS AND TOOH WITH 24 JNTS TO DERRICK. MIRU RANGER WIRELINE, MAKE UP LEGACY CUTTER, RIH CORRELATE AND CUT 4 1/2" 11.6# CSG AT 682'. POOH AND RD RANGER WIRELINE. RD FLOOR, ND BOPE, ND TO 8 5/8". UN-LAND 4 1/2" OUT OF CSG SLIPS AND PULL ON FREE CSG. NU 8 5/8" SPOOL FLANGE, NU BOPE WITH 4 1/2" PIPE RAMS AND FUNCTION TEST, RU FLOOR WITH 4 1/2" HANDLING EQUIPMENT. PULL AND LAY DOWN 15 JNTS AND CUT PIECE OF 4 1/2" 11.6# CSG. CHANGE HANDLING EQUIPMENT TO 2 3/8". MAKE UP MULE SHOE TO 2 3/8" TBG, RIH WITH 24 JNTS PLACING EOT AT 758'. TIE IN RIG PUMP, CIRCULATE AND CONDITION FOR 30 MIN. RU CEMENT LINE, PUMP 5 BBLs FW, CONFIRM GOOD CIRCULATION. MIX PUMP 341 SXS (70 BBLs) 15.8# G CEMENT, CIRCULATED TO SURFACE, CONFIRM GOOD CEMENT AT SURFACE. RD CEMENT LINE, LAY DOWN 24 JNTS OF 2 3/8" ON TRAILER. RD FLOOR, ND BOPE, ND TO 8 5/8". TIE CEMENT LINE TO 8 5/8" CSG VALVE, TOP WELL OFF WITH 20 SXS (4 BBLs) 15.8# G CEMENT. INSTALL 8-5/8" CAP AND SECURE. RIG DOWN RIG 325, RACK OUT PUMP AND TANK, REPLACE FENCE AROUND WELL, PICK UP PAD AND CREW TRAVELED HOME.</p> <p>Well to be cut and capped after 5 days per COGCC<br/>           Flowline to be abandoned by PDC<br/>           FMT'd 234 jnts of 2-3/8" 47# J-55 8rd eue tbg to be sold<br/>               15 jnts of 4-1/2" 11.6# LT&amp;C casing to be sold<br/>           Final report</p> | 1/25/2022 |