



Exploration and Production Well P&A Procedure

Revision Date:
9/7/2022

Wellname **FED NR 442-3**
Location **NESW 3 6S94W 6 PM**
Field **North Rulison**
County **Garfield, CO**
API **05-045-24474**
ELEV **6730' (30' KB)**
Footages **2408 FSL, 1283 FWL**

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Casing: 9-5/8" 36#, J-55 - 1116-ft
4-1/2" 11.6#, P-110 - 0-ft - 10853-ft

Current Top of Cement: 5327-ft CBL (The Wireline Group CBL - 5/11/2022)

Purpose: Casing Leak Repair FED NR 442-3

Zone: **Entire Wellbore**

Proposed Procedure

- 1 Notify COGCC 48 hrs prior to start of activity via electronic Form 42. Notify BLM
- 2 Check casing pressure to verify well is dead
- 3 MIRU workover rig. NU BOPs and pressure test Hi/Lo 3000psi/400psi
- 4 PU 2 3/8" 4.7# workstring and 4.5" Packer RIH to TOC. Set packer ~ 5,350' per pipe tally
Pressure test to 2,500psi to verify hole is above TOC
- 5 Leak isolated @ 1955' - 1988' (Above TOC)
- 6 Set Composite bridge plug on wireline @ 2100' (112' below bottom of bad casing)
- 7 Set Cast iron cement retainer on tbg @ 1855' (100' above top of bad casing)
- 8 Function test retainer and establish injection rate with BH open
- 9 MIRU Cement crew
- 10 Pump 250 sks 15.8# class G neat cement to raise cement behind pipe from 1955' to 1216' (739' HOC)
with 20% excess for losses
- 11 Displace tbg with 6 bbls of fresh leaving 1 bbl slurry in tbg
- 12 Sting out of retainer, POOH
- 13 Shut down 24 hrs to allow cement to cure
- 14 RIH with 3 7/8" Tri-cone bit
- 15 Drill out Retainer and cement down to bridge plug @ 2100'
- 16 Pressure test remedial job to 2500 psi and hold for 30 min
- 17 Drill out remaining plugs, cleanout to bottom, land tbg
- 18 Turn well over to production