



Exploration and Production Production Casing Patch Procedure

Wellname **RG 44-7-297**
Location **NWNE Sec 18 T2S R97W**
Field **Sulphur Creek**
County **Rio Blanco, CO**
API **05-103-12471**

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Casing: 13-3/8" 54.50# J-55 - 1417-ft
9-5/8" 32.3#, J-55 - 3401-ft
4-1/2" 11.6#, HCP-110 - 0-ft - 12230-ft
Current Top of Cement: 3,013-ft CBL (Relience CBL - 8/9/2021)

Purpose: Fix production casing leakoff above TOC

Proposed Procedure

- 1 RU workover rig on the RG 44-7-297
- 2 Check casing pressures to verify well is static.
- 3 NU and test BOPE
- 4 Set RBP at 3370'
- 5 Spear casing and unland, pull casing slips
- 6 RIH with wireline freepoint tool and determine casing freepoint depth
- 7 RIH and cut casing above TOC and freepoint at estimated depth of $\pm 2000'$
- 8 TOOH and L/D 4 1/2" casing
- 9 P/U external 10k psi casing patch and new 4 1/2" casing
- 10 TIH with external 10k casing patch and new casing string.
- 11 Set casing patch over 4 1/2" casing at depth of cut
- 12 Pull test casing to 80k, set casing slips, cut casing, L/D cut joint
- 13 Set RBP below casing patch set depth
- 14 N/U wellhead and frac tree
- 15 Pressure test casing to 7500 psi for 30 min and record results