



Casing Diagnosis and Repair Procedure

Wellname: TR 333-28-597
Location: Sec 28 T5S R97W
Field: Trail Ridge
County: Garfield, CO
API: 05-045-23561

Casing: 9-5/8" 36# J-55 @ 3,106'

Proposed Diagnose:

- 1 Run in hole with workstring to top of fish at ~4000'
- 2 Pump 100' balanced cement plug #1 - 15.8 ppg class G cement with 40% open hole excess
- 3 Pull out of hole
- 4 Wait on cement for 4 hour
- 5 Run in hole to tag and verify top of cement (TOC) depth
- 6 Pump balanced cement plug #2 to from 2906' to 3306', leaving 200' of 15.8 ppg class G cement with 40% excess inside open hole and 200' of cement inside 9-5/8" surface casing
- 7 Pull out of hole
- 8 Wait on cement for 4 hours
- 9 Run in hole to tag and verify top of cement (TOC) depth
- 10 Pull out of hole
- 11 Run in hole and set cast iron bridge plug (CIBP) above TOC
- 12 Pump a minimum of 10' of cement on top of CIBP
- 13 Secure well and skid rig off the TR 333-28-597
- 14 File Form 6 for subsequent approval to finish TR 333-28-597 P&A with workover rig
- 15 With workover rig - Top out a 50' cement plug #3 with 15.8 ppg class G neat cement from surface inside 9-5/8" casing