



Cameo Coal Recompletion Procedure

Well: Bronco Flats Federal 7-7

Prepared by Dan Fouts/John Grubich

September 24, 2018

Revised December 07, 2018

WELL INFORMATION:

Well Name: Bronco Flats Federal 7-7
API #: 05-077-08773-00

Pad: Bronco Flats Federal 7-7
County: Mesa
Field: Shire Gulch

Surface Location: 1500 FNL & 1942 FEL SWNE S07 T09S R97W
Surface GPS: 39.290858, -108.258404

Elevations: KB Elevation: 5068
KB Height: 13
GL Elevation: 5055

PBTD: 3127 MD
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Casing: Surface: 12.25" hole, 8.625" 24# @ 358, TOC @ surface (calc)
Production: 7.875" hole, 5.5" 15.5# @ 3127, TOC @ 2100 (CBL)

Perfs & Plugs: 2830-3112 - Cozzette and Corcoran

Tubing: 2-3/8" tbg @ 3080, F Nipple @ 3070
Plunger stuck at nipple, magnet stuck on top of plunger

Reservoir Pressure: Estimated 1000 psi

Well Status: PR @ 14 MCFD

Directions: From I-70 De Beque exit:

Contacts:

Health & Safety Coordinator	Laura Lancaster	970 644 1259
Production Coordinator	Luke Cody	970 250 9519
Production Manager	Eric Lane	970 640 9172
Wellsite Consultant	Dan Hacking	970 778 1063
Wellsite Consultant	Troy Roehm	970 852 1806
Production Engineer	Dan Fouts	970 852 1170
Completions Manager	John Grubich	970 589 9496
Senior Regulatory Manager	Wayne Bankert	970 985 5383
Operations Manager	Chris Clark	970 462 8375

PROCEDURE:

Prep Well:

1. Contact Luke Cody to blow down well and prep location for rig.
2. Hold pre-job safety meeting with all personnel involved in each operation.
3. MIRU service rig.
4. Kill well with lease water.
5. ND production tree.
6. NU and test Class III BOPE to 2500 psi for 10 minutes.
7. MIRU wireline unit.
8. Make up tubing punch, RIH to top of fish estimated @ 3060', and perforate tubing.
9. POOH standing back tubing.
10. Wireline run gauge ring to 2800'.
11. Wireline set 5-1/2" 10k CIBP @ 2800'.
12. Load hole with lease water.
13. Pressure test and chart 5-1/2" casing to 2500 psi for 15 minutes.
14. Wireline dump bail 6 sx (50 LF) neat Class G 15.8 PPG cement plug @ 2750-2800 inside 5-1/2".
15. Wireline perforate from 2573'-2585' 4 spf 90 degree phasing for mini-frac. Correlate to CBL dated 11-02-04 but note CBL is 2.5' shallow.
16. RDMO Wireline.
17. PU notched collar, 1 jt 2 3/8" J-55 tubing, F-nipple and RIH with 2 3/8" J-55 tubing to land at +/- 2550'.
18. Nipple up wellhead for mini-frac.
19. RDMO service rig.

Prep Access and Location:

20. Blade road to location and blade location.
21. MI clean frac tank and green flowback tank and set inside portable containments to store 500 bbls for frac and flowback.
22. Load frac tank with fresh water.

Frac Well:

23. MIRU flowback. Pressure test lines and equipment.
24. MIRU Pumping service. Pressure test lines and equipment to 5000 psi.
25. Pump frac as per design down tubing/casing annulus.
26. Flowback well on 64/64" choke.
27. RDMO Pumping service.
28. Leave well on flowback until production operations can manage well.
29. If well stops flowing MIRU swab unit.
30. Swab test well and communicate results to GJ office.