

Ultra Resources Inc.

Plugging Procedure

Well Information:

Well name: BRUTUS STATE 33-14 1V

Total Depth: 5932'

API number: 05-041-06064-00

Gross Perforated Interval: 5674-5710''

Elevations: GL 6151'

KB 6169'

Legal Location: NWSE sec 14 T14S R62W El Paso County, CO

1983' FSL and 2402' FEL, Lat 38.830063 Long 104.303939

Surface Casing: 8-5/8" 24# J55 set @ 933'. Cemented with 400 sacks.

Production Casing: 5-1/2" 17# P-110 set @ 5932'. Cemented with 380 sacks cement. TOC not available.

Scope: This procedure details plugging and abandoning the Brutus 33-14 1V, a well that was drilled, perforated and tested in 2012 and found to be uneconomical.

Well History:

03/29/2012: Spud Date

04/14/2012: Perforated Niobrara 5674-5710' gross.

05/09/2012: Released equipment and moved off location.

Abandonment Procedure:

1. MIRU workover rig, pump and tank. Unload and rack 2-7/8" EUE J55 tubing. Spot 500 bbls water tank.
2. Blow down any pressure and NU 7-1/6" doublegate BOP on well head.
3. PU and TIH with 5-1/2" cement retainer on 2-7/8" tubing.
4. Set retainer at ~5600'. Pressure test retainer and prep for cement squeeze.
5. RU cementers.
 - a. Mix and pump 100 sks regular class G cement down 2-7/8" tubing. Spot cement to within 5 bbls of EOT. Sting into retainer.
 - b. Pump 80 sks (16 bbls) of cement slurry under retainer
 - c. Sting out of retainer and drop 20 sks (4 bbls) of slurry on top of retainer . Pull up hole ~150 ft and reverse out with well bore volume + 10 bbls.
6. Laydown ~4500' of tubing. TOH and standback remaining ~1100' ft of tubing.
7. RUWL. RIH 4" gun and perforate 4 holes, 90 degrees phasing at 1200'.
8. PU and TIH with 5-1/2" cement retainer on 2-7/8" tubing.
9. Set retainer at 1100'. Pressure test retainer.
10. RU cementers. Expose valve on surface casing and open during cementing to take returns if well circulates during cementing.
 - a. Sting into retainer and establish rate. Mix and pump 200 sks regular class G cement down 2-7/8" tubing.

- b. Pump 160 sks (32 bbls) of cement slurry under retainer (calc TOC @ 325')
 - c. Sting out of retainer and drop 20 sks (4 bbls) of slurry on top of retainer . Pull up hole ~350 ft and reverse out with well bore volume + 5 bbls.
- 11. Laydown tubing and stinger.
- 12. ND BOP.
- 13. Cut off and remove well head.
- 14. Fill casing strings from 50 ft up to surface with cement.
- 15. Weld dry hole marker onto casing according to COGCC rule 319a, paragraph (5).
- 16. Clean location, reclaim and rehabilitate to COGCC standards.