

BP would like to re-fracture this well in the fruitland formation. However due to production casing integrity issues (Casing holes at 833' to 928', and possible casing split at 1,603') a 3-1/2" cemented liner will have to be installed.

Since the lower formations in the wellbore will no longer be accessible, BP will permanently abandon the formations below 3,190 FT. Once the cemented liner is installed, the well will be re-perforated and re-stimulated.

The following is the outline for the proposed activity:

1. MI/RU Workover unit
2. Retrieve bridge plugs at 1,877' and 2,675'
3. Run a CBL from PBTB @ 7685 FT to 615 FT
4. Depending on the results of the CBL, the following formations will be abandoned either with internal and/or external plugs as per COOGCC requirements
  - Dakota: Will set a 100 FT cement plug on top of existing cement @ 7,685'
  - Mancos: Set a cement retainer at 6,000 FT and if required squeeze cement below cmt retainer or set 150 FT of cement plug on top of it.
  - Mesa Verde: Set a cement retainer at 5,398 FT and if required squeeze cement below cmt retainer or set 150 FT of cement plug on top of it.
  - Chacra: Set a cement retainer at 4,620 FT and if required squeeze cement below cmt retainer or set 150 FT of cement plug on top of it.
5. A CIBP will be set @ 3,190 FT. to serve as a bottom for the cement job for the liner
6. A 3-1/2" 9.3# J-55 IJ liner will be run from surface to 3,185 FT
7. Liner will be cemented in place
8. RIH w/ 3-1/2" bit & scraper to clean inside of liner.
9. Perforate the liner with 4 SPF and 90° phasing over the following intervals:
  - 2,718' – 2,762'
  - 2,800' – 2868'
10. Refrac the Fruitland in 2 stages.
11. TIH with mill and clean to 3,180'
12. RIH w/ 2-1/16" production tbg. to 3,080 FT
13. RIH w/ #2e Co-Rod
14. Return well to production.