



00229642

Attachment to Form 4
Big Beaver Pierce No. 5
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Recompletion Procedure

1. MIRU. Hold safety meeting.
2. RIH with 4-3/4" bit and casing scraper on 2-7/8" tubing. Clean out to 5,037' PBTD and circulate fill to surface.
3. Drill out PB cement from 5,037' - 5,061'.
4. MIRU perforators.
5. PU Sunlight "CST" retrievable pkr and RIH to 5,030'.
6. Swab test perforations 5,038' - 5,041'. Swab fluid to tank and collect samples.
7. MIRU Halliburton. Acidize perfs 5,038' - 5,041'.
8. Release pkr and PCOH.
9. MIRU perforators. Perforate Lower "D" from 4,919' - 4,927' and Upper "D" from 4,910' - 4,911'.
10. Swab test perforations 4,919' - 4,927'.
11. Acidize Lower "D" Sand.
12. Swab test perforations 4,910' - 4,913'.
13. Acidize Upper "D" Sand.
14. RIH with pump, 2-7/8" tbg. and rods. Put well on production.

Procedure to Plug and Abandon

1. Notify COGCC 48 hours prior to P&A.
2. MIRU. Hold pre-job safety meeting.
3. PU a 5-1/2" permanent cement retainer and RIH to 4,890' with 2-7/8" tbg.
4. Establish injection rate below retainer using lease water. Mix and pump 60 sacks cement.
5. Sting out of retainer, spot remaining 5 sacks of cement on top of the retainer.
6. Pull tubing uphole to 4,642'. Roll hole with 1 casing volume 113 bbls of 9 ppg mud.
7. Pull tubing uphole to 2,472'. Mix and pump 25 sacks cement down tubing.
8. Pull tubing uphole to 144'. Mix and pump 17 sacks cement down tubing.
9. Dig bellhole around the surface casing. Run 1" pipe between surface/production casing annulus to 94' if possible.
10. Cut and remove casing strings 3' below ground level.
11. Weld flat plate on top of casing with well description.
12. Reclaim and resced the location.

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