

8. GIH with open-ended 2 7/8" work string to 2850'. Tag CICR at 2850'. PUH to 2430'. Spot balanced cmt plug from 2330-2430'. PUH to 1220'. Spot balanced cmt plug from 1120-1220'. Reverse circulate well clean from 1100' using 9.5 PPG salt gel mud. WOC 2 hrs. LD and tag cmt plug at 1120'. RD cementing equipment. POH with 2 7/8" work string.
9. MI & RU electric line unit. GIH and perforate from 350-51' with 4 JSPF at 90 degree phasing. POH. RD and release electric line unit.
10. PU and GIH with 7" pkr on 2 7/8" work string to 240'. Set pkr at 240'. Establish pump-in rate into squeeze holes at 350-51'. Open 9 5/8"x 13 3/8" annulus casing valve while pumping and attempt to establish circulation to surface. POH with 2 7/8" work string and pkr. LD pkr. **Note: If cannot pump into perfs 350-51, contact Gary Wink at NMOCD to obtain permission for balanced cement plug from 360-240' inside 7" csg.**
11. PU and GIH with tbg-set CICR on 2 7/8" work string to 240'. Set CICR at 240'. Pressure test csg and CICR to 300 psi. Establish pump-in rate into perfs 350-51'. Hold 300 psi on tbg/csg annulus during sqz job.
12. RU cementing equipment. Cement squeeze perfs 350-51' using procedures and cement specs provided by Drilling Group. **Note: Perform squeeze job with surface casing valve open. Use Class "C" cement and pump sufficient slurry volume to bring cement to surface.**
13. Sting out of cement retainer. POH with work string and stinger. LD stinger. WOC 2 hrs. GIH w/ 2 7/8" open-ended work string to 240'. Tag CICR at 240'. PUH and spot Class "C" cement plug inside casing from 60' to surface. RD cementing equipment.
14. Remove BOP's. RD and release pulling unit.
15. Cut off all casings 3' below ground level. Weld steel plate with 1/2" valve (plugged with 1/2" FS plug) on top of casing strings. Backfill and install NMOCD P&A marker.
16. Clear and bioremediate well location.

AMH
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