

10. Squeeze casing or liner top leak below a cement retainer with fine, low fluid loss cement as per BJ Services. WOC 24 hours.
11. TIH with mill tooth bit on 2-3/8" workstring. Clean well out to RBP. Circulate sand off of RBP. TOH with bit.
12. TIH with RBP retrieving tool on 2-3/8" workstring. Retrieve RBP.
13. TIH with mill tooth bit on 2-3/8" workstring. Clean well out to PBSD at 4020'. TOH with bit.
14. TIH with treating packer and RBP on 2-3/8" workstring. Straddle squeeze with packer and RBP. Pressure test squeeze to 500 psig for 30 minutes. If casing is still leaking, attempt to re-squeeze and pressure test once prior to TA.
15. TIH with 4-1/2" Baker straddle packer assembly with spot control valve, spaced at 30', on 2-3/8" workstring. Straddle Grayburg perforations 3970' – 3980' (10' net). Rig up BJ Services. Acidize Grayburg perforations 3970' – 3980' with 500 gal 15% HCl & 125 gal toluene.
16. Unset straddle packer assembly. Straddle Grayburg perforations 3926' – 3946' (20' net). Acidize Grayburg perforations 3926' – 3946' with 1000 gal 15% HCl & 250 gal toluene.
17. Unset straddle packer assembly. Straddle Grayburg perforations 3896' – 3908' (12' net). Acidize Grayburg perforations 3896' – 3908' with 600 gal & 150 gal toluene.
18. Unset straddle packer assembly. Straddle Grayburg perforations 3863' – 3887' (24' net). Acidize Grayburg perforations 3863' – 3887' with 1200 gal 15% HCl & 300 gal toluene.
19. TIH with wireline re-entry guide, 4-1/2" Baker Lok-Set nickel-plated injection packer, and 316 stainless on/off tool with 1.78" F profile (pump out plug in place) on 2-3/8", 4.7# IPC injection tubing. Set packer at 3748'. Perform MIT test. Circulate corrosion inhibited packer fluid as per Baker-Petrolite.
20. ND BOP. NU wellhead. Pump out packer profile plug with water. Return well to injection at 1500 BWIPD and  $P_{max} = 750$  psig. Rig down pulling unit.
21. Rig up Production Logging, Inc. to run injection profile survey.

### Contacts

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