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- Nipple down BOPE. Weld on to 7-5/8" casing and re-install BOPE. Install 7" rams. Run free point. Minimum free point required is 7,950'. Call Midland office after a free point is established. Set a CIBP 50' below freepoint with 20' cement on top. If 7-5/8" casing is not free to 7,950' + go to step #15.
- 9. Cut 7-5/8" casing below 7,950' at free point.
- 10. Circulate and condition hole, passs 2 or 3 50 bbls/40 vis pills through hole.
- 11. Pull and lay down 7-5/8" casing. Watch for hole drag while laying down 7-5/8" casing.
- 12. If no hole problem occur while POH with 7-5/8" casing, PU and run 5-1/2" J-55 15.5# & 17# STC to 7,950'+. (Casing design attached.)
- 13. Circulate hole clean and cement 5-1/2" casing per Western Company cementing design attached. Leave 10% MSA acid 7,000' to TD inhibit acid for 10-days plus.
- 14. Set slips, nipple down and release rig.
- 15. If free point on 7-5/8" casing is above 7,950', run a CCL/CBL to determine proper place to perforate 7-5/8" casing for cementing. Fax bond log to Midland and discuss depth to be perforated.
- 16. Set a CIBP at 8,500' with 20' cement on top. Perforate 7-5/8" casing (exact depth to be determined from bond log/free point). Establish circulation with a retrievable packer then set EZSV 100' above perfs.
- 17. RIH with 2-7/8" work string, string into EZSV; establish circulation and cement via 2-7/8" tubing for a 6,500' cement top. (Cement design attached.)
- 18. POH with 2-7/8" tubing, WOC 12 hrs, run temperature survey.
- 19. WOC total of 24 hrs and drill out 7-5/8" casing to 7,880'. Circulate hole clean with 2% KCL water,testing casing to 3500#, spot 10% MSA acid TD to 7,000'; inhibit acid 10 days plus.



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