

State C Alc 1 #4

7. RIH w/7" EZSV cmt ret on 2-7/8 WS. Set ret at 9475'. Trap 500 psi on annulus. Test tbg to 2000 psi.
 8. ESTB inj rate and press into perfs 9492-9760. Howco sqz perfs 9492-9760 w/100 sx CL H cmt w/.5% CFR-2 & .6% Halad-9 followed by 50 sx CL H neat cmt. Rev excess cmt. POH w/2-7/8 WS. WOC overnight.
 9. RIH w/6" RB & 8-4 3/4" DC's on 2-7/8 WS. DO cmt ret and cmt to 9780'. Press test to 1500 psi. If sqz held okay, continue and clean out sand to 10,000'. Circ hole clean, POH.
 10. RIH w/7" EZSV cmt ret. Set ret at 9475'. Trap 500 psi on annulus. Test tbg to 2000 psi.
 11. ESTB inj. rate and press into perfs 9844-9968. Howco sqz perfs 9844-9968 w/75 sx CL H cmt w/.5% CFR-2 & .6% Halad-9 followed by 50 sx CL H neat cmt. Rev excess cmt. POH w/2-7/8 WS. WOC overnight.
 12. RIH w/6" RB & 16 - 4 3/4" DC's and 2-7/8 D.P. as per attached design. DO cmt re-tainer and cmt to 9990'±. Circ hole clean. Press test to 1000 psi. If sqz held okay, continue and DO CISP at 10,000'.
 13. Deepen well to 11430'. (May have lost circ problems). Circ hole clean if possible. Spot 14 bbls 15% NE FEHCL from 11430-11030'. POH and LD drill pipe, DC's and bit.
 14. RIH w/2-7/8 W.S. and 7" RDG pkr. Set pkr at 10950'±. Trap 1000 psi on annulus.
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13. Howco acidize open hole 11019-11430 w/8000 gals 15% NEFE HCL in 4 equal stages using 300 lbs GRS in 300 gal gelled 10 PPG brine between stages. Pump at 4-5 BPM. MX TP-5000 psi. Flush to btm O.H. w/prod. wtr.
 14. Swab back load and acid wtr. Tag TD w/W.L. If no fill indicated, ESTB inj. rate and press w/prod. wtr. If inj. rate sufficient, rlse pkr, POH and LD 2-7/8 W.S.
 15. RIH w/3½", 9.3# plastic coated tbg w/7", (26-32#) Otis Perma-Lach pkr, nickel plated, (2-7/8 thds) w/2-7/8" OSTSD w/"N" profile, 2.205 No-GO.
 16. Set pkr at 10950'. Otis WL set blanking plug in profile, test tbg to 1000#. Rlse tbg, circ annulus w/9 PPG brine containing 10 gals Tretolite KW-79 per 100 bbls.
 17. Latch onto pkr, space out tbg. Retrieve blanking plug. NU wellhead and put on injection.

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