

EMSUB #851

PROCEDURE TO PERFORATE AND ACIDIZE:

1. MIRU PU. POH w/ rods and pump. NU BOP. Tag bottom and POH w/ tbg.
 2. If fill above PBTD(3878) or scale on tbg & pump is found. TIH w/ 4-3/4" bit , DC's, & WS and CO to 3878.
 3. POH.
 4. RU WL. Tie into Schlumberger GR-CNL dated 07/08/91.
 5. Perforate the following intervals w/ 3 JSPF @ 120 degree phasing:
3758 - 3762
3744 - 3748
3732 - 3738
 6. RD WL. RU BJ to breakdown perfs and acidize.
 7. TIH w/ 5" RBP, trt pkr, & WS.
 8. Set RBP & trt pkr @ 3730. Drop SV.
 9. Open bypass, and pickle tbg w/ 500 gals of 15% NEHCL* @ 1/2 BPM. Flush to bottom w/ brine and reverse out @ 1/2 BPM. Re-pickle tbg if iron count is greater than 5000 ppm on last in acid. Fish SV.
 10. Straddle each set of new perfs and acidize w/ 400 gal 15% 80/20 Resisol II** @ 2-4 BPM max trt press of 1500 psi.
 11. TOH w/ 5" RBP & trt pkr.
 12. TIH w/ 7" trt pkr and set @ 3720 and acidize entire interval w/ 4000 gal of 15% 80/20 Resisol II+***. Use the following schedule and treat @ 2-4 BPM max trt press of 1500 psi.
 - A. Pump 500 gal Resisol II+***
 - B. Drop 300# Trimix salt in 10 bbl of gelled brine****
 - C. Pump 500 gal Resisol II+***
 - D. Drop 300# Trimix salt in 10 bbl of gelled brine****
 - E. Pump 1000 gal Resisol II+***
 - F. Drop 300# Trimix salt in 10 bbl of gelled brine****
 - G. Pump 1000 gal Resisol II+***
 - H. Drop 300# Trimix salt in 10 bbl of gelled brine****
 - I. Pump 1000 gal Resisol II+***
 - J. Flush to top perfs @ 3730 w/ brine.
 7. Shut well in for 3 hrs. RD BJ.
 8. Swab back until well cleans up.
 9. POH.
 10. GIH w/ prod eqp and hang well on. RD PU.
 11. Clean and clear location and return well to production.
- * Pickle acid to contain 1 gal/1000 CI-23
- ** Resisol II - Iron control system to contain 3 gal/1000 FE270 & 1 gal/1000 FE271.
- *** Resisol II+ - Iron control system to follow tapered concentrations as follows:
Lead 1000 gal = 3 gal/1000 FE270 & 1gal/1000 FE271
Mid 1000 gal = 1.5 gal/1000 FE270 & 1 gal/1000 FE271
Tail 2000 gal = 0.5 gal/1000 FE270 & 1 gal/1000 FE271
- ****All flush water and diverter GBW stages to contain appropriate de-emulsifiers (NE agents = 1 gal/1000 NE-13)

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