

EMSUB #859

**PROCEDURE TO ACIDIZE:**

1. MIRU PU. POH w/ rods and pump. NU BOP. Tag bottom and POH w/ tbg.
2. GIH w/ 3-1/2" bit, DC's, and WS. CO to TD @ 3899.
3. POH.
4. GIH w/ WS, trng pkr, circulating valve, & SN. Set pkr @ 3650 and drop SV.
5. RU BJ. 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.
6. Acidize perms w/ 5000 gal 15% 80/20 Resisol II+\*\*. Use the following schedule @ 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 200# Trimix salt in 10 bbl of gelled brine\*\*\*
  - E. Pump 1000 gal Resisol II+\*\*
  - F. Drop 100# Trimix salt in 10 bbl of gelled brine\*\*\*
  - G. Pump 1500 gal Resisol II+\*\*
  - H. Drop 100# Trimix salt in 10 bbl of gelled brine\*\*\*
  - I. Pump 1500 gal Resisol II+\*\*
  - J. Flush to top perms @ 3690 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 follow tapered concentrations as follows:

Lead 1000 gal = 3 gal/1000 FE270 & 1 gal/1000 FE271

Mid 2500 gal = 1.5 gal/1000 FE270 & 1 gal/1000 FE271

Tail 1500 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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