

Eunice Monument South Unit # 5  
Grayburg Formation  
February 17, 1997

**Recommended Procedure: Acidize**

**All fluids, excluding produced water that will come into contact with the formation, must contain NE-13.**

1. MIRU PU. NDWH. NUBOP. POOH w/ production equipment.
2. GIH w/ pkr and set at 3635+/-.
3. MIRU BJ Services.
4. Pickle the tbg. w/ 300 gallons 15% HCl acid.
5. Stimulate the well with a treatment size of 6000 gallons Resi-sol II+\* (80% acid, 20% aromatic solvent).

Treatment Volume (gallons)	Acid Volume (gallons)	Aromatic Solvent (gallons)	Number of Stages	Total Volume per Stage	Flush Volume (bbls)	Rate (BPM)	Max STP (psig)
6000	4800	1200	5	1200	27	1-4	1250

- a. Drop 500# Tri-mix salt mixed with ~10 bbl GBW.
  - b. Pump 1200 gal Resi-sol II+\*.
  - c. Drop 250#-500# Tri-mix salt with ~10 bb GBW depending upon the pressure response from step a.
  - d. Repeat steps b and c three times.
  - e. Pump 1200 gal Resi-sol II+\*.
  - f. Flush w/ 27 bbls GBW.
6. RD BJ Services.
  7. Swab approximately ½ day or until treatment volume is returned.
  8. POOH w/ treating pkr.
  9. RIH w/ production Equipment. RDMO PU.
  10. Turn well over to production. Report results to Midland Office and field engineer.

\*Resi-sol II+ to contain:

- 800 gpt 15% HCl
- 200 gpt Toluene
- 20 gpt Emulsifier
- 3 gpt FERROTROL-270 (Taper starting w/ this concentration)
- 1 gpt FERROTROL-271
- 0.5 gpt Inflo-150
- 1 gpt CI-23

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