PROCEDURE TO CLEAN OUT AND ACIDIZE:

- 1. MIRU PU. RU BOPE.
- 2. Tag bottom for fill. POOH w/ prod equipment.
- 3. If fill is above 3802' or if scale is found on the pump or tubing then clean out w/ a 4 3/4" bit to TD @ 3904'.
- 4. RIH w/ 5 1/2" treating packer and set @ +/-3550'. Drop standing valve, open bypass, and pickle tubing with 500 gal 15% HCl* by pumping down @ 1/2 bpm displace out of tubing and reverse out @ 1/2 bpm. The slower the better. Record iron ppm at first middle and end of pickle acid.
- 5. Acidize OH w/ 5000 gals 15% Resisol II Plus** vicosified acid containing 20% toluene. Use the following pumping schedule @ 2-4 bpm max treating pressure of 1500 psi:
 - A. Pump 300 gals Resisol II Plus**
 - B. Drop 500# Trimix salt in 10 bbls gelled brine water***
 - C. Pump 1175 gals Resisol II Plus**
 - D. Drop 500# Trimix salt in 10 bbls gelled brine water***
 - E. Repeat step C and D two times adjusting block as necessary.
 - F. Pump 1175 gals Resisol II Plus**
 - G. Flush to top perf/open hole.
- 6. SI for 3 hrs and then swab until returns clean up. POOH. If there is time to get the well on pump today then skip swabbing.
- 7. Run production equipment per field operations design. Hang well on.
- 8. Clean and Clear location. Turn well over to Production.
- * Pickle acid to contain 1 gal/1000 CI-23
- ** Resisol II Plus -- Iron control system to follow tapered concentration as follows:

Lead 2000 gal = 3 gal/1000 FE270 & 1 gal/1000 FE271

Mid 1500 gal = 1.5 gal/1000 FE270 & 1 gal/1000 FE271

Tail 2500 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)