

Procedure to Clean out and acidize EMSU-B No. 904.

1. MIRU PU. POH rods and pump. Install BOP. Tag bottom and POH prod tbg.
2. If significant fill found above 4000', RU rev unit. GIH 2-3/8" prod tbg, bit and DC's. CO to TD at 4280'.
3. POH tools.
4. GIH tbg, trtng pkr, circulating valve, SN. Set packer at 3650' +/- . Drop standing valve. Prepare to pickle tubing.
5. RU BJ Services. Open bypass valve. Pump 300 gals 15% NE HCL at 1/2 BPM. Flush to bottom of tubing with produced water. Load backside and reverse out pickle acid at 1/2 BPM. Re-pickle tubing if iron count is greater than 5000 ppm on "last in" acid.
6. Close circulating valve. Fish SV. Load backside and monitor.
7. Acidize casing perms and OH together with 5000 gals Resisol II + in 5 equal stages, 2 BPM. Drop Tri_Mix salt blocks between stages, mixed in 10 ppg gelled brine water. Start with 500# block, adjusting subsequent blocks based on observed pressure increases.
8. Flush to perforations with produced water.
9. Shut well in minimum 3 hours. RD MO BJ.
10. Swab back residue until well cleans up.
11. POH, LD tools.
12. PWOW and test.

LDM

3/18/96

Cost Estimate:

1. Pulling cost 4 days at \$1320	\$5300
2. Co. supervision 4 days at \$400	\$1600
3. Rentals--Rev, pkr, valves	\$3500
4. Fluids and transport	\$1000
5. Site prep	\$500
6. BJ Services	\$8700
7. Misc	<u>\$1000</u>
Total	\$21600