

1. MIRU PU. POH rods and pump. Install BOP. Tag bottom and POH prod tbg.
2. If significant fill found above 3850', RU rev unit. GIH 2-7/8" prod tbg, bit and DC's. CO to PBTD at 3873'.
3. POH tools.
4. RU Logging service. Tie into Halliburton G/N/D/CCL log dated 8/19/91.
5. Perforate 5-1/2 casing using 4" hollow carrier gun w/2 DP JHPF, 180 degree phased.
Intervals 3701' to 3713'
 3719 to 3732'
 3738' to 3758'.

6. GIH tbg, PPI pkr, circulating valve, seat nipple. Set packer above casing perfs. Drop standing valve. Prepare to pickle tubing.
7. 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.
8. Straddle and break down each set of new casing perfs with 5 bbls 15% NE HCL acid, pumping 2 BPM.
9. PUH, set packer above all perfs. Fish SV. Load backside and monitor.
10. Acidize casing perfs and OH 3778' to 3873' with 4000 gals Resisol II + in 4 equal stages. 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.
11. Flush to perforations with produced water.
12. Shut well in minimum 3 hours. RD MO BJ.
13. Swab back residue until well cleans up.
14. POH, LD tools.
15. Be prepared to install producing equipment sized to pump about 4-500 BLPD.
16. PWOW and test.

$P_{max} = 1500 \text{ ?}$
ges. $q_L - \text{Wm}$

Cost Estimate:

1.	Pulling cost 5 days at \$1320	\$6600
2.	Co. supervision 5 days at \$400	\$2000
3.	Rentals--Rev, pkr, valves	\$3500
4.	Log, perforate	\$4200
5.	Fluids and transport	\$1000
6.	Site prep	\$500
7.	BJ Services	\$8500
8.	Misc	\$1000
9.	Upgrade PU	<u>\$5000</u>
	Total	\$32300