

RECOMPLETION PROGNOSIS
MARALO INC.
Prohibition Federal Unit #3
1980' FNL & 990' FEL, Sec. 12, T-22-S, R-32-E
Bootleg Ridge Field, Lea County, New Mexico

ELEVATIONS: 3618' GL 3637' KB (19' AGL) 13,780' PBD 15,209' TD

CASING: 13 3/8" 54.5# @ 1,200' w/ 950 sx, circ'd
 9 5/8" 36# @ 4,750' w/1750 sx, circ'd
 7" 29# @ 12,050' w/1600 sx, TOC - 3560'
 4 1/2" 15.5# Liner 11,638 - 15,209' w/300 sx, circ'd

CURRENT
PERFORATIONS: 14,836 - 14,880', plugged off w/CIBP @ 14,799'
 14,396 - 14,617', plugged off w/CIBP @ 14,350'
 13,806 - 13,814', plugged off w/CIBP @ 13,800'
 13,733 - 13,740', open

PROPOSED
OPERATIONS: Recomplete in Avalon sand

1. RUPU. RU slickline and set blanking plug in "R" nipple @ 13,614'. String out of pkr @ 13,603'. TOH w/tbg.
2. TIH w/ dump bailer and dump ^{35'} 100' of cmt on top of pkr @ 13,603'.
3. TIH w/tbg to 11,688'. Spot 100' cmt plug across 4 1/2" liner top (11,588 - 11,688').
4. PU to 8835'. Spot 200 gals 7 1/2% "mud-removal" acid, double-inhibited. TIH w/tbg.
5. RU wireline. Run GR/CBL/CCL from 9000' to 4500'. Run w/1000psi on csg. Correlate to SWSCO GR/CNL/LDT OH log (run #2) run 10/25/93.
6. TIH w/4" carrier guns, premium charges, and shoot 2 SPF @ 8820 - 8835' (32 total holes).
7. TIH w/7" treating pkr and tbg to \pm 8750'. Reverse spot acid into tbg. Set pkr.
8. Breakdown perfs by pumping away spot acid.
9. Continue treatment by pumping 1500 gals 7 1/2% "mud-removal" acid carrying 60 ball sealers. Pump down tbg at a rate of \pm 3 BPM.
10. Swab back load and evaluate.
11. If further stimulation is warranted, obtain frac procedure from Midland office.
12. TOH w/tbg & pkr. TIH w/pumping equipment, set up surface facilities, and place well on production.