

RECOMPLETION PROGNOSIS
MARALO INC.
Cochiti "5" Federal #1
660' FSL & 1980' FWL, Sec. 5, T-24-S, R-29-E
Malaga, (Del.) Field, Eddy County, New Mexico

ELEVATIONS: 3004' GL 3023' KB (19' AGL) 12,268' TD 9,145' PBTB

CASING: 13 3/8" @ 650' w/ 900 sx circ'd
 9 5/8" @ 2700' w/1250 sx circ'd
 7" 29 # @ 10,600' w/2150 sx in 2 stages. DV @ 6014'
 4 1/2" 15.1# Liner @ 10,158 - 12,245' w/250 sx

CURRENT
COMPLETION: 12,245 - 12,268' OH (Atoka Bank), plugged w/CIBP @ 12,220'
 12,202 - 12,204' (Atoka), plugged off w/pkr + 35' cmt
 11,872 - 11,961' (Strawn), plugged w/CIBP + 35' cmt @ 11,860'
 11,460 - 11,522' (Wolfcamp), plugged w/pkr + 35' cmt @ 11,200'
 9,800 - 9,903' (Bone Springs) plugged w/CIBP + 35' cmt @ 9145'
 6,514 - 6,571' (Brushy Canyon) open

PROPOSED
OPERATION: Recomplete in Cherry Canyon

1. RUPU. TOH w/tbg, rods, pump & tbg.
2. RU Wireline. TIH w/7" CIBP and set @ $\pm$ 6,500'. Dump 35' cmt on top of CIBP.
3. TIH w/tbg to PBTB. Circulate hole w/2% KCL wtr.
4. Swab FL down to $\pm$ 300' FS. TOH w/tbg.
5. RU Halliburton to perforate w/ 4" "stimgun", 6 SPF, @ 4944 - 4950' (4928-4934' based on GR/CCL/CBL log run 4/28/99).
6. TIH w/tbg & treating pkr to $\pm$ 4900'. Set pkr.
7. Swab/flow back well and evaluate.
8. If necessary, acidize perms w/2,000 gals 7 1/2% "mud clean-out" acid down tbg @ $\pm$ 3 BPM. Swab back load.
9. If productive, test w/tbg & pkr. TIH w/ pumping equipment and place on production.

