

WORKOVER PROGNOSIS

MARALO INC

Samantha State "7" #1
660' FSL & 660' FEL, Sec 7, T-14-S, R-33-E
Baum Field, Lea County, New Mexico

ELEVATIONS: 4258' GL 4272' KB (14' AGL) 9855' PBTB

CASING: 13 3/8" @ 431' w/ 400 sx, circ'd to surface
8 5/8" @ 4,100' w/2700 sx, circ'd to surface
5 1/2" 17# @ 10,140' w/1828 sx in 2 stages, DV @ 8988', circ'd

CURRENT
PERFORATIONS: 9903 - 9950', plugged w/CIBP + 35' cmt @ 9890'
9819 - 9845', open

PROPOSED
OPERATION: Test Wolfcamp pay

1. RUPU. TOH w/rods, pump & tbg.
2. RU wireline. TIH & set CIBP @ +/- 9800'. Cap w/35' cmt.
3. TIH w/tbg, open-ended, to 9461'. Spot 200 gals 15% NEFE, triple-inhibited, acid. TOH w/tbg.
4. RU perforators and TIH w/4" carrier guns loaded w/premium charges and shoot 2 JSPF @ 9434 - 9437' and 9451 - 9461' (total 28 holes). RD wireline.
5. TIH w/ 5 1/2" treating pkr on tbg to +/- 9350'. Reverse spot acid into tbg. Set pkr.
6. Breakdown perms by pumping away spot acid.
7. Continue treatment by pumping 2000 gals 15% NEFE carrying +/- 56 ball sealers down tbg at a rate of +/- 3 BPM. If ballout occurs, surge off balls and finish treatment.
8. Swab and evaluate.
9. TOH w/tbg & pkr. Run production equipment and place well on production.

RECEIVED

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