

MARALO, INC.

Millman "3" St. #1  
1980' FNL & 2280' FWL, Sec 3, T-19-S, R-28-E  
Turkey Track Field, Eddy County, New Mexico

ELEVATIONS: 3522' GL 3537' KB (15' AGL) 11,148' TD 7,585' PBTD

CASING: 13 3/8" 54.5# @ 402' w/ 500 sx, circ'd  
8 5/8" 32# @ 2,700' w/ 1025 sx, TOC - 150'  
5 1/2" 17# @ 11,148' w/ 1150 sx, TOC - 6010'

CURRENT

PERFORATIONS: 10,953 - 10,968', plugged off w/ CIBP & 35' cmt @ 10,880'.  
8,625 - 8,944', plugged off w/ CIBP & 35' cmt @ 8540'.  
7,654 - 8,014', plugged off w/ CIBP & 35' cmt @ 7585'.

PROPOSED

OPERATIONS: Recomplete in Grayburg Sand

1. RUPU. Drop tbg down to 7585' PBTD. Load hole up to +/- 2500' w/10#/gal mud-laden plugging fluid. TOH w/ tbg.
2. RU csg pullers. Find free-point in 5 1/2" csg. Cut and pull 5 1/2" csg.
3. TIH w/ tbg open-ended to csg cut. Spot 100' (30sx) cmt plug from 50' below csg cut to 50' above csg cut. *Tag Plug*
- \* 4. PU to 2750' (50' below 8 5/8" csg shoe). Spot 100' (35sx) plug across csg shoe from 2750 - 2650'. WOC. Tag plug. TOH w/tbg.
5. RU wireline. TIH w/ 8 5/8" CIBP. Set @ +/- 2400'.
6. TIH w/tbg to 2173'. Spot 200 gals 7 1/2% mud clean-out acid, double-inhibited from 2173' to 2095'. TOH w/tbg.
7. TIH w/ 4" carrier guns, premium charges, and shoot 2 SPF @ 2161 - 2173' (25 total holes).
8. TIH w/ 8 5/8" Arrow Type 32-A tension full-bore pkr on 2 7/8" tbg to +/- 2390'. Set pkr & pressure test CIBP.
9. Release pkr. PU to +/- 2100'. Reverse spot acid into tbg. Set pkr.
10. Breakdown perfs by pumping away spot acid.
11. Continue treatment by pumping 1500 gals 7 1/2% mud clean-out acid carrying 50 ball sealers down tbg at a rate of +/- 4 BPM. If ballout occurs, surge off balls and finish treatment.
12. Swab and evaluate.
13. If warranted, RU BJ Services to frac perfs 2161 - 2173' w/ 10,000 gals Spectrafrac G-3000 carrying 24,500# 20/40 Ottawa sand and 8400# 20/40 resin-coated sand. Pump down tbg at a rate of +/- 14 BPM w/ an anticipated treating pressure of 2000 psi as follows:

a)	3,000 gals	gel	pad
b)	700 gals	gel	1.5 ppg 20/40 Ottawa sand
c)	700 gals	gel	2.5 ppg 20/40 Ottawa sand
d)	700 gals	gel	3.5 ppg 20/40 Ottawa sand
e)	700 gals	gel	4.5 ppg 20/40 Ottawa sand
f)	1,400 gals	gel	5.5 ppg 20/40 Ottawa sand
g)	1,400 gals	gel	6.0 ppg 20/40 Ottawa sand
h)	1,400 gals	gel	6.0 ppg 20/40 Resin coated sand

Shut-in well overnight to allow gel to break.
14. Swab and evaluate.
15. Release pkr. TOH w/ tbg & pkr.
16. TIH w/ pumping equipment and place well on production.