

ABANDONMENT PROGNOSIS

MARALO INC.

Federal "6" #1  
1980' FN & WL, Sec 6, T-19-S, R-27-E  
Lake McMillan Field, Eddy County, New Mexico

ELVATIONS: 3274' GL 3294' KB (20' AGL) 9865' TD  
CASING: 13 3/8" 54.5# @ 350' w/ 350 sx circ'd  
8 5/8" 24 & 32# @2400' w/1550 sx circ'd  
5 1/2" 17# K-55 & N-80 @9865' w/1st stage: 200 sx - DV 9003'  
2nd stage: 830 sx - TOC 4650'

CURRENT  
PERFORATIONS: 9542-9564' (Morrow), plugged off w/CIBP @9440' w/35' cmt  
8430-8436' (Strawn), squeezed  
5054-5066', (Bone Springs), open

PROPOSED  
OPERATION: Plug and abandon

1. Notify NMOCC and BLM of intent to plug and abandon.
2. RUPU. TOH w/tbg.
3. RU wireline. TIH w/CIBP. Set @ +/- 5000'. Cap w/35' (5 sx) cmt.
4. TIH w/tbg, open-ended, to PBTD. Circulate hole w/10#/gal mud laden fluid using 25# gel/bbls. TOH w/tbg. *est. 4500' recovery*
5. Determine free-point on 5 1/2" csg. Cut and pull 5 1/2" csg.
6. TIH w/tbg. Spot 100' cmt plug (30 sx) across 5 1/2" csg cut (50' in/50' out). [TAG PLUG]
7. PU & spot 100' cmt plug (35 sx) from 2350-2450'. [TAG PLUG]
8. PU & spot 100' cmt plug (35 sx) from 300-400'. *SJS*
9. PU & spot 10 sx mt plug at surface.
10. Cut off wellhead and weld on P & A plate. Clean up location per BLM requirements.

APPROVED

*R.A. Jowers*

RA  
RAG/bd  
10/29/91