

PLUG AND ABANDON PROGNC 3
MARALO LLC
SV "16" State #1
1748' FSL & 742' FWL, Sec.16, T-18-S, R-35-E
Reeves West (Queen) Field
Lea County, New Mexico

ELEVATION: 3931' GL 3942' KB (11' AGL) 11,831' TD 6015' PBTD

CASING: 13 3/8" 54.5# J-55 set @ 415' cmt'd w/400 sx cmt circ'd
8 5/8" 36# K-55 set @ 4765' 1st stage cmt'd w/1100 sx cmt, circ'd thru DV tool,
DV tool @ 1779'
2nd stage cmt'd w/900 sx cmt, circ'd to surface
5 1/2" 17# S-95 & N-80 set @ 11,796' 1st stage cmt'd w/1050 sx, DV tool @ 6500'
2nd stage cmt'd w/450 sx, TOC 2090' by
temperature survey.

LOG TOPS:	Rustler	1692' (+250)	Grayburg	4838' (- 896')
	Yates	3134' (+808)	San Andres	5078' (-1136')
	7 Rivers	3562' (+380)	Bone Spring Lime	6614' (-2672')
	Queen	3988' (- 46)	Wolfcamp Lime	10,112' (-6170')
	Queen Pay	4316' (-374')	Devonian	11,712' (-7770')
	Penrose	4555' (-613')		

PERFORATIONS: 4340 - 4350' Queen - Open
6068 - 6081' Cherry Canyon - set CIBP @ 6050' cap w/35' cmt
6265 - 6278' Cherry Canyon - squeezed
6992 - 7004' Bone Springs - set RBP @ 6187' - unable to recover
9616 - 9746' Wolfcamp - squeezed
9888 - 9892' Wolfcamp - set CIBP @ 9820' capped w/35' cmt
10,049 - 10,068' " " " "
10,716 - 11,831' Devonian - set CIBP @ 11,650' cap w/35' cmt (Note: 35' open hole)

CURRENT
STATUS: Producing

PROPOSED
OPERATION: Plug and Abandon (workstring to be furnished by plugging company)

1. Prior to moving in well service unit, notify New Mexico Oil Conservation Commission office @ (505) 748-1283.
2. RU well service unit. POH w/2 3/8" tbg & LD packer. RIH w/5 1/2" CIBP on wireline, set @ $\pm$ 4240'. Cap w/35' cmt.
3. PU tubing, RIH to $\pm$ 4240', circulate hole w/salt gel mud consisting of 10# brine w/25# of gel per barrel.
4. POH w/tbg, determine free point, cut, pull & LD 5 1/2" casing. Est TOC 2090'.
5. RIH w/tbg, set 100' cement plug 50' in and 50' out across 5 1/2" casing stub (min 30 sx). WOC & tag.
6. PUH. Set 100' cement plug 465 - 365' across base 13 3/8" casing (min 35 sx). —TAG
7. POH w/tbg, set 10 sx cement plug @ surface, cut off wellhead, install dry hole marker, clean location.