

ROCA Production, Inc.
Muy Macho Com #2
(formerly the Macho Norte #1)
1980 FN & FEL of section 24, T20S, R27E
API #30-015-21912
Eddy County, New Mexico

Surface casing: 13-3/8" 54.5# csg in 17 1/2" hole @ 660' w/ 650 sx, circulated
 Intermediate csg: 9-5/8" 36# K-55 csg in 12 1/4" hole @ 2,600' w/ 1,700 sx, circulated
 Production csg: 5-1/2" 17# in 8 3/4" hole @ 11,430' w/ 525 sx, TOC @ 9,320' by temp.
 survey
 Perforations: CIBP w/ 35' cmt @ 11,200' on perforations 11,242 - 11,250'
 open perforations 10,924 - 10,968' (Morrow)
 loc-set packer @ +/- 10,800'

1. Dig and line 200 bbls working pit. Flow well down as needed.
2. MIRU plugging equipment. NU BOP, POOH w/ production equipment.
3. RIH w/ tbg-set CIBP to 10,850'. Set CIBP and circulate hole w/ 240 bbls mud, pump 25 sx cement on top of CIBP @ 10,850 - 10,600'. 30' bbl
- * 4. POOH w/ tbg.
5. Stretch 5 1/2" casing and recover based on stretch measurements, estimated 7,500'.
6. RIH w/ tbg to 50' inside 5 1/2" stub, pump 45 sx C cmt w/ 2% CaCl₂. WOC and tag this plug to insure minimum 100' plug.
7. Pump 45 sx C cmt @ 4,900' (Delaware). 4,700' TAG
8. Pump 60 sx C cmt w/ 2% CaCl₂ @ 2,650'. WOC and tag this plug no deeper than 2,550'.
9. Pump 40 sx C cmt @ 710'. OK TAG
10. Pump 15 sx 50' to surface.
11. RDMO.
12. Cut off wellhead and install dry hole marker. Empty and level pit, cut off anchors, back-drag location.

Steve Newman

*. Put 100' Plug @ 8100' w.c.

MESA MACHO COM #2

Formerly the Macho Norte #1
State Oil & Gas Lease # 66-72 and K6771

FIELD: BURTON FLAT (MORROW)
LOCATION: 1980' FNL & 1980' FEL, SEC. 24, T20S, R27E
EDDY COUNTY, NEW MEXICO

GLE: 3350', DFE: 3365', KBE: 3366'
API NO.: 30-015-21812
SPUD DATE: 9-16-76
COMP DATE: 11-23-76

EXISTING WELLBORE

17-1/2" HOLE

12-1/4" HOLE

8-3/4" HOLE:

SURFACE CSG: 13-3/8" 54.5# K-55 SET @ 660'.
CMTD W/ 650 SX CLASS 'C' CMT.

INTERMEDIATE CSG: 9-5/8" 35# K-55 SET @ 2600'.
CMTD W/ 1700 SX CLASS 'C', CIRCULATED TO
SURFACE.

shale to 4,910'
lime & shale @ 4,910'
lime to 6,790'
lime & sand @ 6,790'
lime & shale below 7,635'

TOP OF CEMENT AT 9320' BY TEMP SURVEY

5 1/2" LOC-SET TYPE PACKER SET ABOVE
MORROW PERFS @ +/- 10,800'

MORROW PERFS:

10,924'-10,968'

CIBP @ 11,200' W/ 35' CMT

11,242'-11,250'

PRODUCTION CSG: 5-1/2" 17# SET @ 11,430'
CMTD W/ 525 SX CLASS 'H' CMT. TOP OF CEMENT
FROM TEMP SURVEY IS 9320'

Drill TD (10-16-76) = 11,430'