

WELLBORE DIAGRAM

ROSA UNIT #24A

MV/DK

Location: 1695' FNL, 1165' FWL
SW/4 NW/4 Section 32, T31N, R5W
Rio Arriba Co., NM

Elevation = 6505' GR
KB = 14'

RECEIVED
NOV 25 1983
OIL CON. DIV.
DIST. 3

TOPS	DEPTH
OJO ALAMO	2611'
KIRTLAND	2744'
FRUITLAND	3154'
PICTURED CLIFFS	3342'
LEWIS	3620'
CLIFF HOUSE	5504'
MENEFEE	5559'
POINT LOOKOUT	5775'
MANCOS	5992'
GREENHORN	7796'
GRANEROS	7850'
DAKOTA	7974'

STIMULATION

Cliff House/Menefee: 5291' - 5759'

80,000# of 20/40 sand in 987 BBL's of slick water

Point Lookout: 5769' - 6104'

133,000# of 20/40 sand in 2492 BBL's of slick water

Dakota: 7976' - 8135'

65,000# of 20/40 Ottawa & 10,000# 20/40 DC resin coated sand in 659 Bbbs of 35# CMHPG gel X-linked with Zirconium in a 60 quality foam.

PBTD @ 8113'

10-3/4" 40.5# J-55 @ 317'

MV Tbg 189 jts of 1-1/4", 2.33#, J-55 Lonestar II tbg as follows:
Orange peeled perforated jt on bottom, SN (1.062" ID @ 6010') on top of bottom jt and 188 jts of tubing. Landed @ 6133' KB.

7-5/8" 26.4# K-55 @ 3759'

Marker joints : 5412' and 7681'

5291'
5759'
5769'
6104'

Model "D" packer @ 6250'

DK Tbg 247 jts of 1-1/2", 2.9#, J-55 Belleville EUE as follows: 1/2 mule shoe on bottom, SN (1.375" ID @ 8052') on top of bottom jt. 55 jts of tail pipe, 5 seal units, 190 jts of tubing, 3 pups jts (10', 10', 4') and one full jt on top. Landed @ 8085' KB.

7976'
8135'

5-1/2" 17# N-80 @ 8138'

HOLE SIZE	CASING	CEMENT	VOLUME	TOP OF CMT
14-3/4"	10-3/4" 40.5#	285 sx	336 cu.ft.	SURFACE
9-7/8"	7-5/8" 26.4#	825 sx	1534 cu.ft.	SURFACE
6-3/4"	5-1/2" 17#	440 sx	612 cu.ft.	4250' CBL