

WELLBORE DIAGRAM

RECEIVED
NOV 12 1996
OIL CON. DIV.
DIST. 3

Location: 860' FSL, 1465' FEL
SW/4 SE/4 Section 32, T31N, R5W
Rio Arriba Co., NM

Elevation = 6495' GR
KB = 14'

TOPS	DEPTH
OJO ALAMO	2586'
KIRTLAND	2711'
FRUITLAND	3023'
PICTURED CLIFFS	3300'
LEWIS	3597'
CLIFF HOUSE	5467'
MENEFEE	5520'
POINT LOOKOUT	5748'
MANCOS	5881'
GALLUP	7746'
GREENHORN	7785'
GRANEROS	7785'
DAKOTA	7896'

STIMULATION

Cliff House/Menefee: 5452' - 5701'

80,000# of 20/40 sand in 1772 BBL's of slick water.

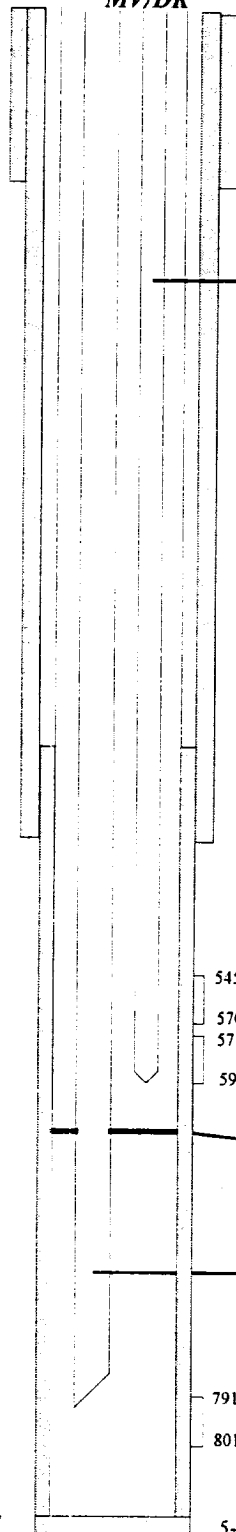
Point Lookout: 5715' - 5969'

80,000# of 20/40 sand in 1921 BBL's of slick water.

Dakota: 7915' - 8011'

70,000# of 20/40 sand & 10,000# of 20/40 SDC resin coated sand in 703 BBL's of 35# CMHPG gel X-linked with Zirconium in a 60 quality foam.

ROSA UNIT #26A
MV/DK



10-3/4" 40.5# K-55 @ 321'

Mesaverde tubing: 182 jts of 1-1/4", 2.33#, J-55, Lonestar IJ as follows: Orange peeled perforated jt on bottom, SN (1.062" ID @ 5915') on top of perforated jt and 181 jts of tubing. Landed @ 5947' KB.

7-5/8" 26.4# K-55 @ 3802'

5452'
5701'
5715'
5969'

Mesaverde Perforations

Model "D" packer @ 6025'

Dakota tubing: 243 jts of 1-1/2", 2.9#, J-55 Lonestar EUE as follows: 1/2 mule shoe on bottom, SN (1.375" ID @ 7972') on top of bottom jt. 59 jts of tail pipe, 5 seal units, 183 jts of 1-1/2" tubing. Landed @ 8006' KB.

7915'
8011'

Dakota Perforations

PBTD @ 8049'

5-1/2" 17# N-80 @ 8074'

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#	830 sx	1499 cu.ft.	SURFACE
6-3/4"	5-1/2" 17#	435 sx	602 cu.ft.	3210' (CBL)

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