

**ROSA UNIT #168A
BLANCO MESAVERDE**

Location:

930' FNL and 1625' FEL
NW/4 NE/4 Sec 28(B), T31N R05W
Rio Arriba, New Mexico
Elevation: 6785' GR

Spud date: 8/01/00

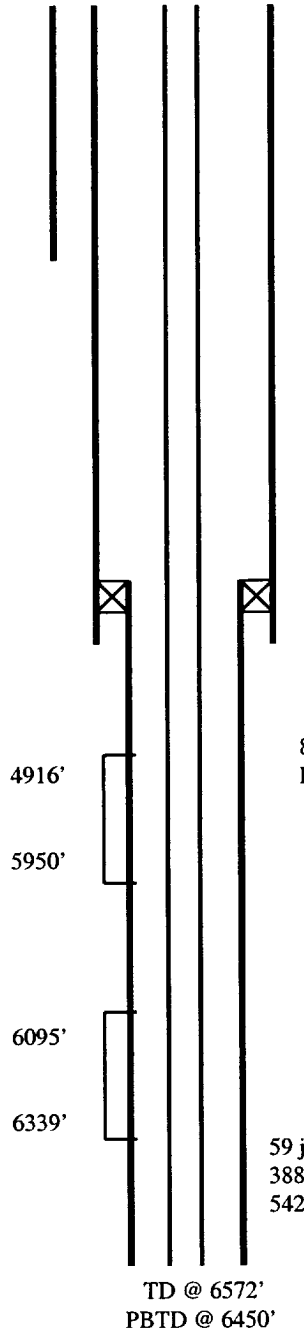
Completed: 9/12/00

<u>Top</u>	<u>Depth</u>
Pictured Cliffs	3700'
Lewis	3943'
CliffHouse	5858'
Menefee	5900'
Point Lookout	6113'

STIMULATION

CliffHouse/Menefee: 4916' - 5950'
(27, 0.38" holes) Frac with 78,000#
20/40 sand in 1900 bbls slick water.

Point Lookout: 6095' - 6339' (33,
0.38" holes) Frac with 81,000# 20/40
sand in 2006 bbls slick water.



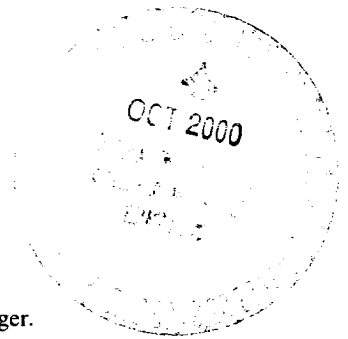
6 jts 9-5/8", 36#, K-55, ST&C csg. Landed @ 273'
Cemented with 150 sx cmt

4 1/2" X 7" TIW liner hanger.
TOL @ 3888'

88 jts 7", 20#, K-55, ST&C csg. Landed @ 4003'.
Float @ 3954'. Cemented with 515 sx cmt.

201 jts 2-3/8", 4.7#, J-55, EUE, 8rd tbg w/
1/2" mule shoe on bottom and SN 1 jt up.
Landed @ 6299'

59 jts 4-1/2", 10.5#, K-55 ST&C csg. Landed @
3888' - 6571'. Latch collar @ 6531' & marker jt @
5422'. Cemented with 290 sx cmt



Hole Size	Casing	Cement	Volume	Top Of CMT
12-1/4"	9-5/8", 36#	150 sx	209 cu. ft.	surface
8-3/4"	7", 20#	515 sx	1007 cu. ft.	surface
6-1/4"	4-1/2", 10.5#	290 sx	423 cu. ft.	3888'