

ROSA UNIT #188A
BLANCO MESAVERDE

Location:

810' FNL and 1705' FWL
NE/4 NW/4 Sec 34(C), T31N R05W
Rio Arriba, New Mexico
Elevation: 6792' GR

Spud date: 8/19/00

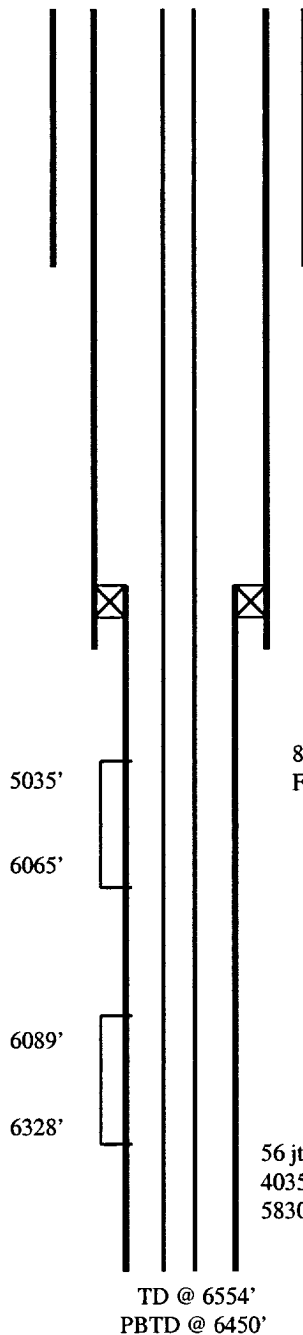
Completed: 10/10/00

<u>Top</u>	<u>Depth</u>
Pictured Cliffs	3699'
Lewis	3952'
CliffHouse	5846'
Menefee	5899'
Point Lookout	6088'

STIMULATION

CliffHouse/Menefee: 5035' - 6065'
(27, 0.38" holes) Frac with 72,000#
20/40 sand in 1680 bbls slick water.

Point Lookout: 6089' - 6328' (36,
0.38" holes) Frac with 92,000# 20/40
sand in 1914 bbls slick water.



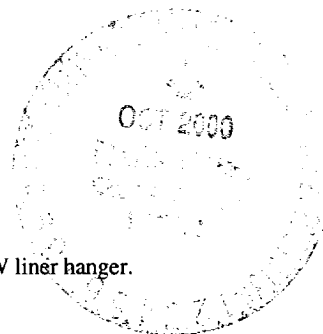
6 jts 9-5/8", 36#, K-55, ST&C csg. Landed @ 283'
Cemented with 150 sx cmt

4 1/2" X 7" TIW liner hanger.
TOL @ 4035'

89 jts 7", 20#, K-55, ST&C csg. Landed @ 4159'.
Float @ 4117'. Cemented with 655 sx cmt.

202 jts 2-3/8", 4.7#, J-55, EUE, 8rd tbg w/
1/2" mule shoe on bottom and SN 1 jt up.
Landed @ 6307'

56 jts 4-1/2", 10.5#, K-55 ST&C csg. Landed @
4035' - 6562'. Latch collar @ 6537' & marker jt @
5830'. Cemented with 265 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#	655 sx	1249 cu. ft.	surface
6-1/4"	4-1/2", 10.5#	265 sx	381 cu. ft.	4035'