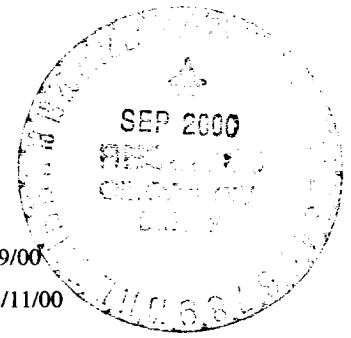


ROSA UNIT #80A
BLANCO MESAVERDE



Spud date : 7/9/00

Completed: 8/11/00

Location:

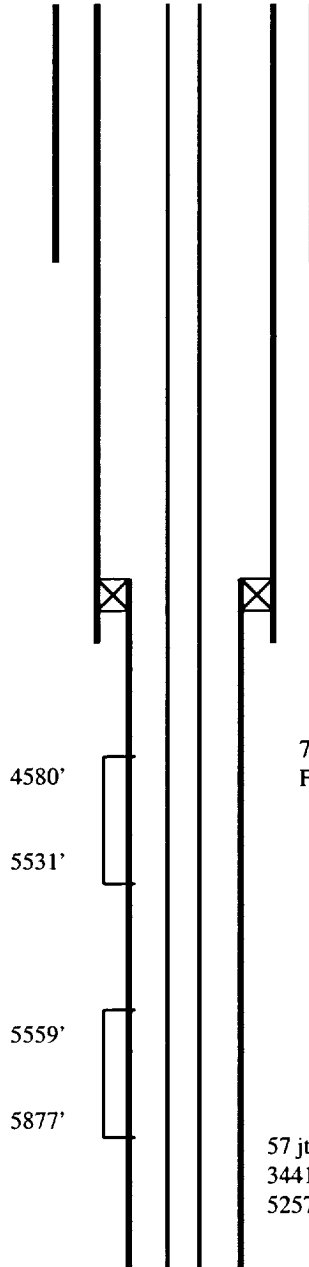
1640' FNL and 1550' FWL
SE/4 NW/4 Sec 08(F), T31N R05W
Rio Arriba, New Mexico
Elevation: 6283' GR

Top	Depth
Pictured Cliffs	3096'
Lewis	3451'
CliffHouse	5370'
Menefee	5408'
Point Lookout	5558'

STIMULATION

CliffHouse/Menefee: 4580' - 5531'
(31, 0.38" holes) Frac with 80,000#
20/40 sand in 1915 bbls slick water.

Point Lookout: 5559' - 5877' (44,
0.38" holes) Frac with 80,000# 20/40
sand in 1931 bbls slick water.



6 jts 9-5/8", 36#, K-55, ST&C csg. Landed @ 293'
Cemented with 130 sx cmt

TIW liner hanger.
TOL @ 3441'

77 jts 7", 20#, K-55, ST&C csg. Landed @ 3576'.
Float @ 3540'. Cemented with 570 sx cmt.

188 jts 2-3/8", 4.7#, J-55, EUE, 8rd tbw w/
1/2" mule shoe on bottom and SN 1 jt up.
Landed @ 5865'

57 jts 4-1/2", 10.5#, K-55 ST&C csg. Landed @
3441' - 6016'. Latch collar @ 5991' & marker jt @
5257'. Cemented with 270 sx cmt

TD @ 6011'
PBTD @ 5950'

Hole Size	Casing	Cement	Volume	Top Of CMT
12-1/4"	9-5/8", 36#	130 sx	176 cu. Ft.	surface
8-3/4"	7", 20#	570 sx	1075 cu ft.	surface
6-1/4"	4-1/2", 10.5#	270 sx	390 cu. Ft.	3441'