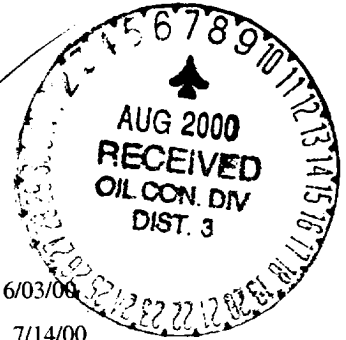


ROSA UNIT #182A
BLANCO MESAVERDE



Spud date : 6/03/00

Completed: 7/14/00

Location:

1070' FSL and 1070' FEL
SE/4 SE/4 Sec 18(P), T31N R05W
Rio Arriba, New Mexico
Elevation: 6429' GR

<u>Top</u>	<u>Depth</u>
Pictured Cliffs	3326'
Lewis	3684'
CliffHouse	5485'
Menefee	5534'
Point Lookout	5756'

6 jts 9-5/8", 36#, K-55, ST&C csg. Landed @ 292'
Cemented with 130 sx cmt

4 1/2" X 7" TIW liner hanger.
TOL @ 3643'

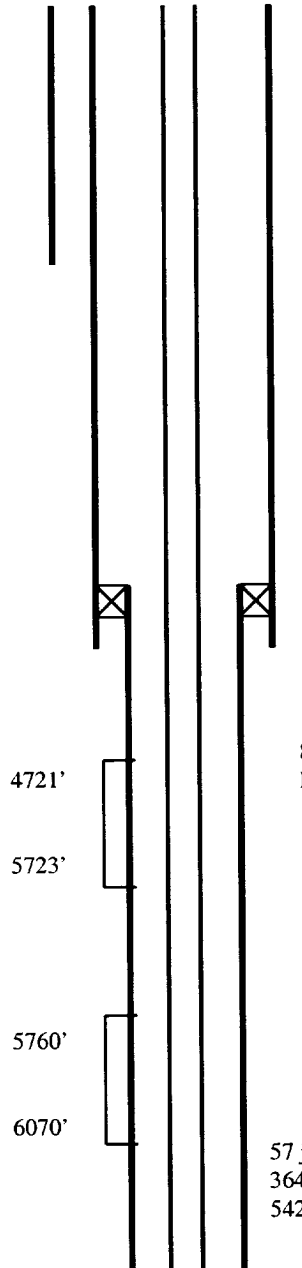
81 jts 7", 20#, K-55, ST&C csg. Landed @ 3777'.
Float @ 3730'. Cemented with 605 sx cmt.

193 jts 2-3/8", 4.7#, J-55, EUE, 8rd tbg w/
1/2" mule shoe on bottom and SN 1 jt up.
Landed @ 6065'

STIMULATION

CliffHouse/Menefee: 4721' - 5723'
(31, 0.38" holes) Frac with 80,000#
20/40 sand in 1942 bbls slick water.

Point Lookout: 5760' - 6070' (39,
0.38" holes) Frac with 80,000# 20/40
sand in 1924 bbls slick water.



TD @ 6205'
PBSD @ 6150'

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#	605 sx	1134 cu ft.	surface
6-1/4"	4-1/2", 10.5#	270 sx	391 cu. ft.	3505'