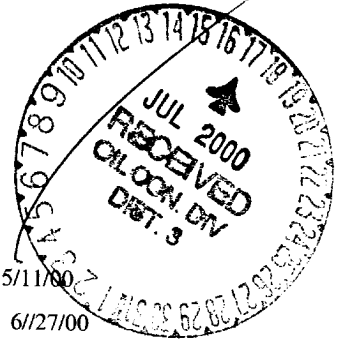


ROSA UNIT #166
BLANCO MESAVERDE



Location:

1165' FNL and 995' FEL
NE/4 NE/4 Sec 30(A), T31N R05W
Rio Arriba, New Mexico
Elevation: 6360' GR

Spud date : 5/11/00
Completed: 6/27/00

Top Depth

Pictured Cliffs 3237'

Lewis 3666'

CliffHouse 5419'

Menefee 5463'

Point Lookout 5676'

Mancos 6088'

STIMULATION

CliffHouse/Menefee: 4484' - 5639'
(34, 0.38" holes) Frac with 71,000#
20/40 sand in 1806 bbls slick water.

Point Lookout: 5680' - 6030' (39,
0.38" holes) Frac with 83,000# 20/40
sand in 1945 bbls slick water.

6 jts 9-5/8", 36#, K-55, ST&C csg. Landed @ 296'
Cemented with 160 sx cmt

4 1/2" X 7" TIW liner hanger.
TOL @ 3600'

81 jts 7", 20#, K-55, ST&C csg. Landed @ 3780'.
Float @ 3661'. Cemented with 620 sx cmt.

192 jts 2-3/8", 4.7#, J-55, EUE, 8rd tbq w/
1/2" mule shoe on bottom and SN 1 jt up.
Landed @ 5970'

57 jts 4-1/2", 10.5#, K-55 ST&C csg. Landed @
3600' - 6188'. Latch collar @ 6163' & marker jt @
5268'. Cemented with 270 sx cmt

TD @ 6188'
PBSD @ 6100'

6-1/4"	4-1/2", 10.5#	270 sx	391 cu. Ft.	3600'