

**ROSA UNIT #160C
BLANCO MESAVERDE**

Location:

2170' FSL and 1400' FEL
NW/4 SE/4 Sec 25(J), T31N R06W
Rio Arriba, New Mexico

Elevation: 6419' GR
API #: 30-039-29778

Spud date: 06/03/06

Completed: 07/30/06

1ST Delivery: 08/18/06

Top Depth

Fruitland Coal 2987'

Pictured Cliffs 3429'

CliffHouse 5427'

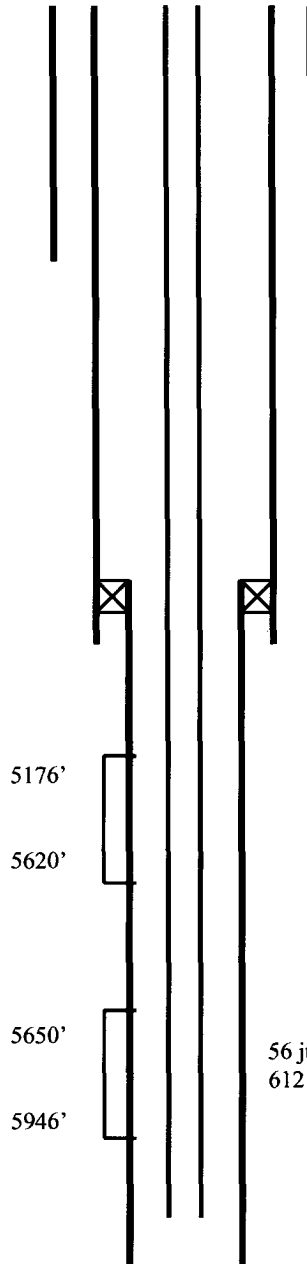
Menefee 5470'

Point Lookout 5648'

STIMULATION

CliffHouse/Menefee: 5176' - 5620'
(55, 0.34" holes) Frac with 2041 bbls
slickwater, 9840# 14/30 Lite Prop &
3500# 20/40 brown sand.

Point Lookout: 5650' - 5946' (60,
0.34" holes) Frac with 2124 bbls
slickwater, 10,760# 14/30 Lite Prop &
2934# 20/40 brown sand.



8 jts 9-5/8", 36#, J-55, ST&C csg. Landed @ 335'.

94 jts 7", 23#, J-55, LT&C csg. Landed @ 3755'.

TOL @ 3571'

186 jts 2-3/8", 4.7#, J-55, EUE, 8rd tbg
landed @ 5956' as follows: exp mill on
bottom, 1 jt tbg, 1.78" SN @ 5922', 185
jts tbg.

56 jts 4-1/2", 10.5#, J-55 ST&C csg. Landed @ 3571' -
6121'. Float collar @ 6096', marker jt @ 5143'.



TD @ 6122'
PBSD @ 6093'

Hole Size	Casing	Cement	Volume	Top of CMT
12-1/4"	9-5/8", 36#	190 sxs	266 cu.ft.	surface
8-3/4"	7", 23#	550 sxs	1125 cu.ft.	surface
6-1/4"	4-1/2", 10.5#	185 sxs	421 cu.ft.	3600'