

**ROSA UNIT #163C
BLANCO MESAVERDE**

Location:

1665' FSL and 1530' FEL
NW/4 SE/4 Sec 24(J), T31N R06W
Rio Arriba, New Mexico

Elevation: 6302' GR
API #: 30-039-29611

Spud date: 05/09/07

Completed: 06/21/07

1ST Delivery: 06/00/07

Top Depth

Fruitland Coal 3137'

Lewis 3445'

Huerfano
Bentonite 4121'

CliffHouse 5348'

Menefee 5391'

Point Lookout 5604'

8 jts 9-5/8", 36#, K-55, ST&C csg. Landed @ 338'.

92 jts 7", 23#, J-55, LT&C csg. Landed @ 3621'.

TOL @ 3435'

RCVD JUL 11'07

OIL CONS. DIV.

DIST. 3

183 jts 2-3/8", 4.7#, J-55, EUE, 8rd tbg
landed @ 5935' as follows: 1/2 mule shoe
on bottom, 1 jt tbg, 1.78" "F" nipple @
5902', 182 jts tbg.

68 jts 4-1/2", 10.5#, J-55 ST&C csg. Landed @ 3435' -
6038'. Float collar @ 6017'.

STIMULATION

CliffHouse/Menefee: 5102' - 5512'
(60, 0.34" holes) Frac with 1596 bbls
slickwater, 9850# 14/30 Lite Prop,
121 bbls slickwater & 3500# 20/40
brown sand.

Point Lookout: 5560' - 5912' (63,
0 34" holes) Frac with 1555 bbls
slickwater, 9850# 14/30 Lite Prop, 77
bbls slickwater & 3500# 20/40 brown
sand.

5102'

5512'

5560'

5912'

TD @ 6059'
PBTD @ 6017'

Hole Size	Casing	Cement	Volume	Top of CMT
12-1/4"	9-5/8", 36#	200 sxs	280 cu ft.	surface
8-3/4"	7", 23#	550 sxs	806 cu.ft	surface
6-1/4"	4-1/2", 10 5#	180 sxs	387 cu ft.	surface

TR 06/26/07

2