

**ROSA UNIT #181C
BLANCO MESAVERDE**

Surface Location:

140 FSL and 340' FWL
SW/4 SW/4 Sec 02(M), T31N, R6W
Rio Arriba, NM

Bottom Hole Location:

320' FNL and 1311' FEL
NE/4 NE/4 Sec 10(A), 31N, 6W
Rio Arriba, NM

Elevation: 6404' GR
API # 30-039-27714

Spud: 11-10-04

Completed: 12-16-04

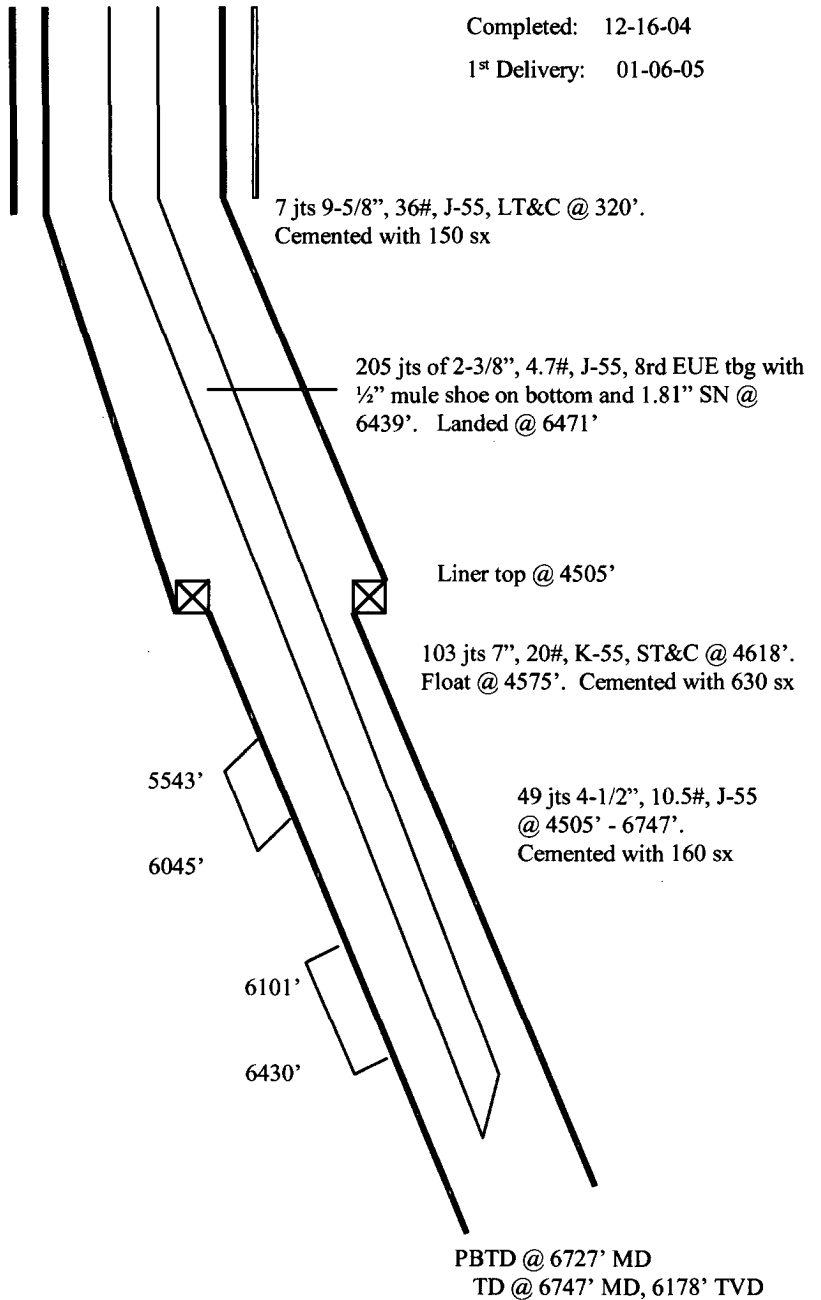
1st Delivery: 01-06-05

Top	MD	Depth
Huerfanito Ben.	4617'	
Cliffhouse Ss.	5834'	
Menefee	5878'	
Point Lookout	6100'	

Stimulation:

CH/Menefee: 5543' – 6045' (49, 0.34" holes) Frac with 80,000# 20/40 sand in 2307 bbls slick water.

Point Lookout: 6101' – 6430' (43, 0.34" holes) Frac with 9300# Lite Prop 125 followed w/ 5000# Brown sand carried in 2276 bbls slick water.



Hole Size	Casing	Cement	Volume	Top of Cmt
12-1/4"	9-5/8", 36#	150 sx	209 cu. ft.	Surface
8-3/4"	7", 20#	630 sx	1230 cu. ft.	Surface
6-1/4"	4-1/2", 10.5#	160 sx	343 cu. ft.	4550'

