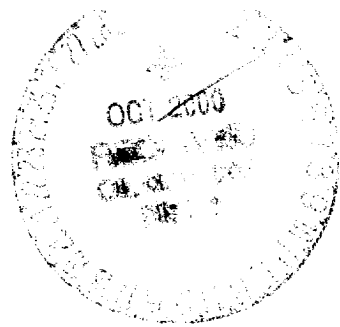




ROSA UNIT #181A BLANCO MESAVERDE

Surface Location:

1225' FNL and 695' FEL
NE/4 NE/4 Sec 15(A), T31N, R6W
Rio Arriba, NM

Bottom Hole Location:

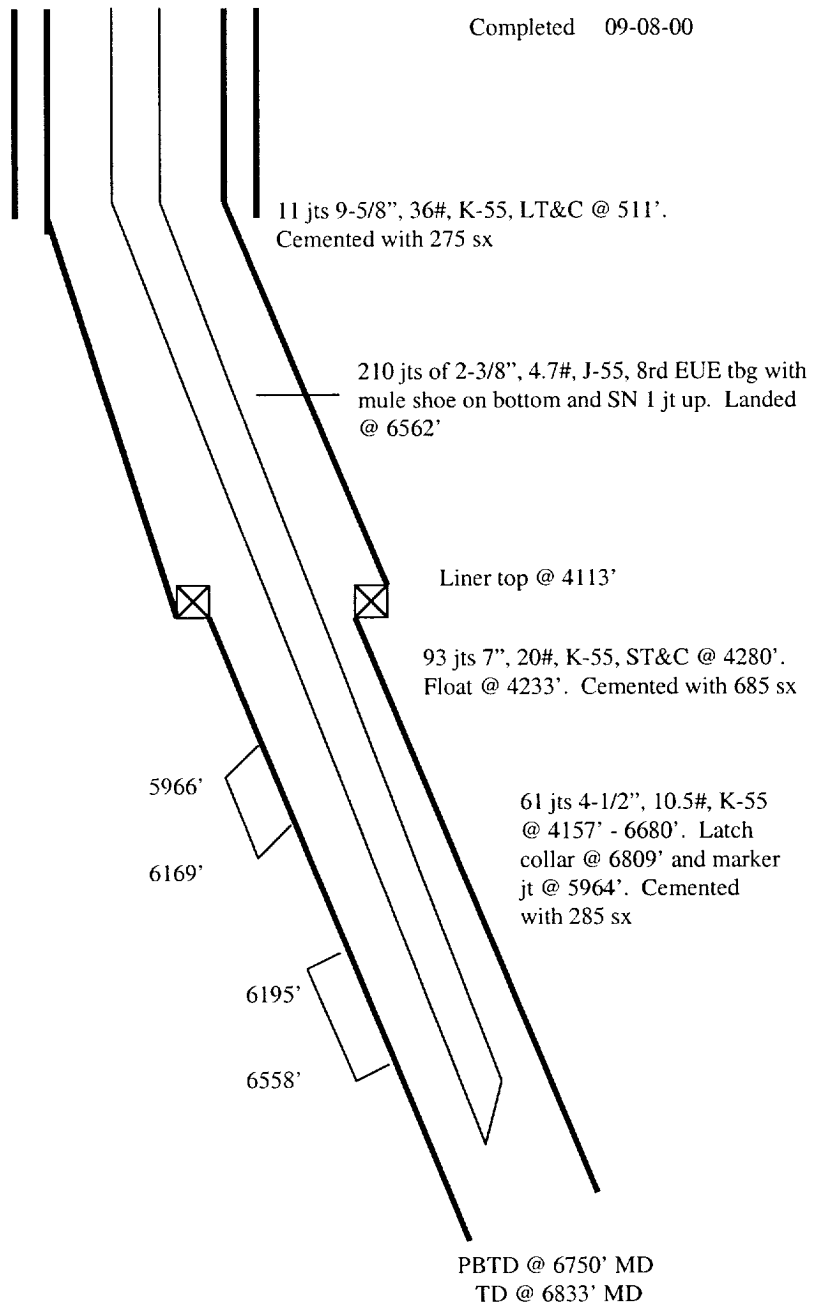
898' FSL and 895' FEL
SE/4 SE/4 Sec 10(P), 31N, 6W
Rio Arriba, NM

Elevation: 6267' GR

Spud 07-30-00

Completed 09-08-00

<u>Top</u>	<u>MD Depth</u>
Pictured Cliffs	3724'
Lewis	4120'
Cliffhouse Ss.	6010'
Menefee	6056'
Point Lookout	6288'



Stimulation:

CH/Menefee: Frac with 80,000#
20/40 sand in 1955 bbl s slick water.
Total 22 (0.38") holes

Point Lookout: Frac with 80,000#
20/40 sand in 1982 bbls slick water.
Total 40 (0.38") holes

Hole Size	Casing	Cement	Volume	Top of Cmt
12-1/4"	36# K-55	275 sx	382 cu. ft.	Surface
8-3/4"	20# K-55	685 sx	1436 cu. ft.	Surface
6-1/4"	10.5# K-55	285 sx	413 cu. ft.	4113'