

ROSA UNIT #148B
BLANCO MESAVERDE

Spud date: 05/23/02

Completed: 08/15/02

Location:

230' FSL and 1125' FEL
SE/4 SE/4 Sec 02(P), T31N R06W
Rio Arriba, New Mexico

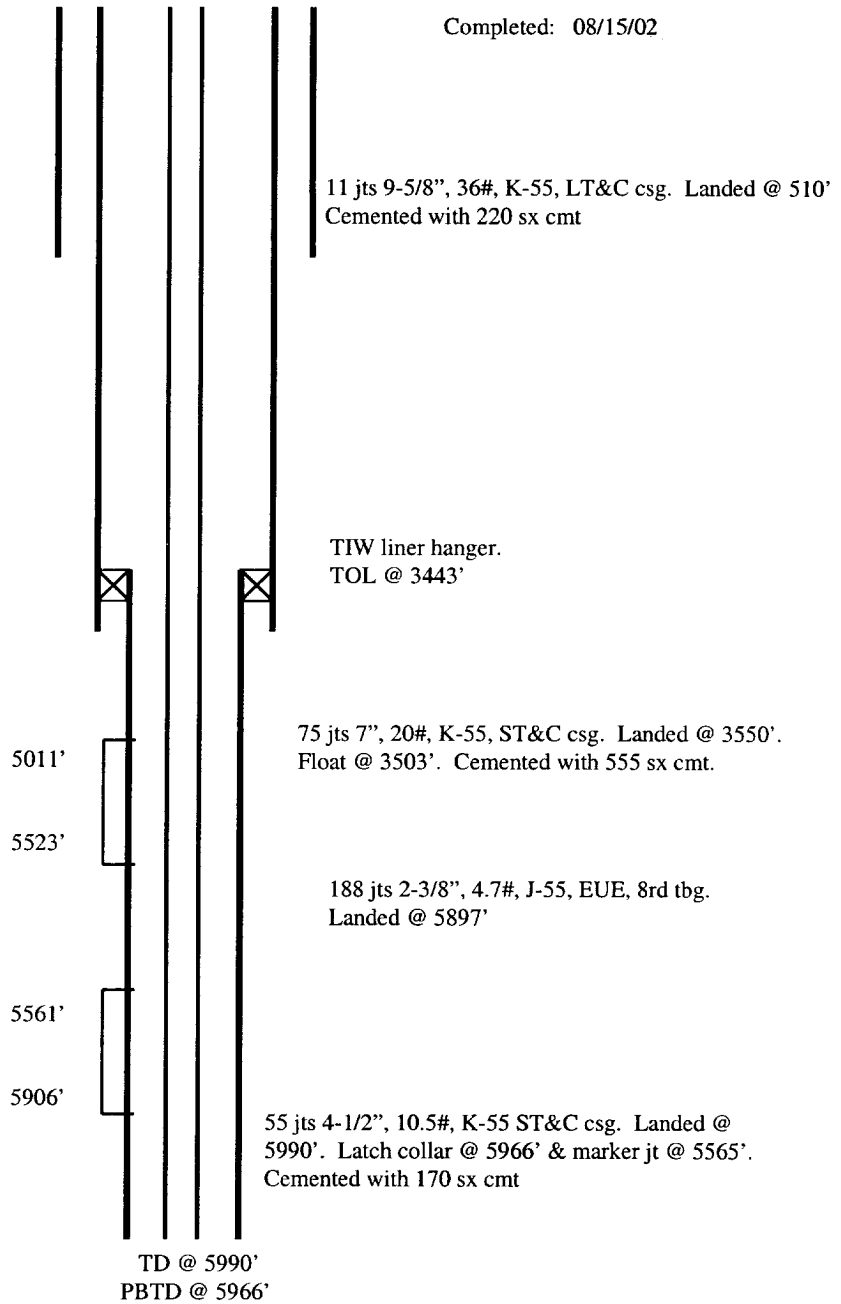
Elevation: 6236' GR
API # 30-039-26985

Top	Depth
Pictured Cliffs	3068'
Lewis	3378'
CliffHouse	5288'
Menefee	5343'
Point Lookout	5571'

STIMULATION

CliffHouse/Menefee: 5011' - 5523'
(35, 0.38" holes) Frac with 80,000#
20/40 sand in 1933 bbls slick water.

Point Lookout: 5561' - 5906' (43,
0.38" holes) Frac with 80,000# 20/40
sand in 1931 bbls slick water.



Hole Size	Casing	Cement	Volume	Top of CMT
12-1/4"	9-5/8", 36#	220 sx	310 cu ft.	surface
8-3/4"	7", 20#	555 sx	1035 cu ft.	surface
6-1/4"	4-1/2", 10.5#	170 sx	341 cu ft.	3443'

TR 08/22/02