

# ROSA UNIT #188B BLANCO MESAVERDE

## Location:

2000' FNL and 1140' FWL  
SW/4 NW/4 Sec 34(E), T31N R05W  
Rio Arriba, New Mexico

Elevation: 6742' GR  
API #: 30-039-27605  
KB: 15'

Spud date: 08/02/05

Completed: 09/26/05

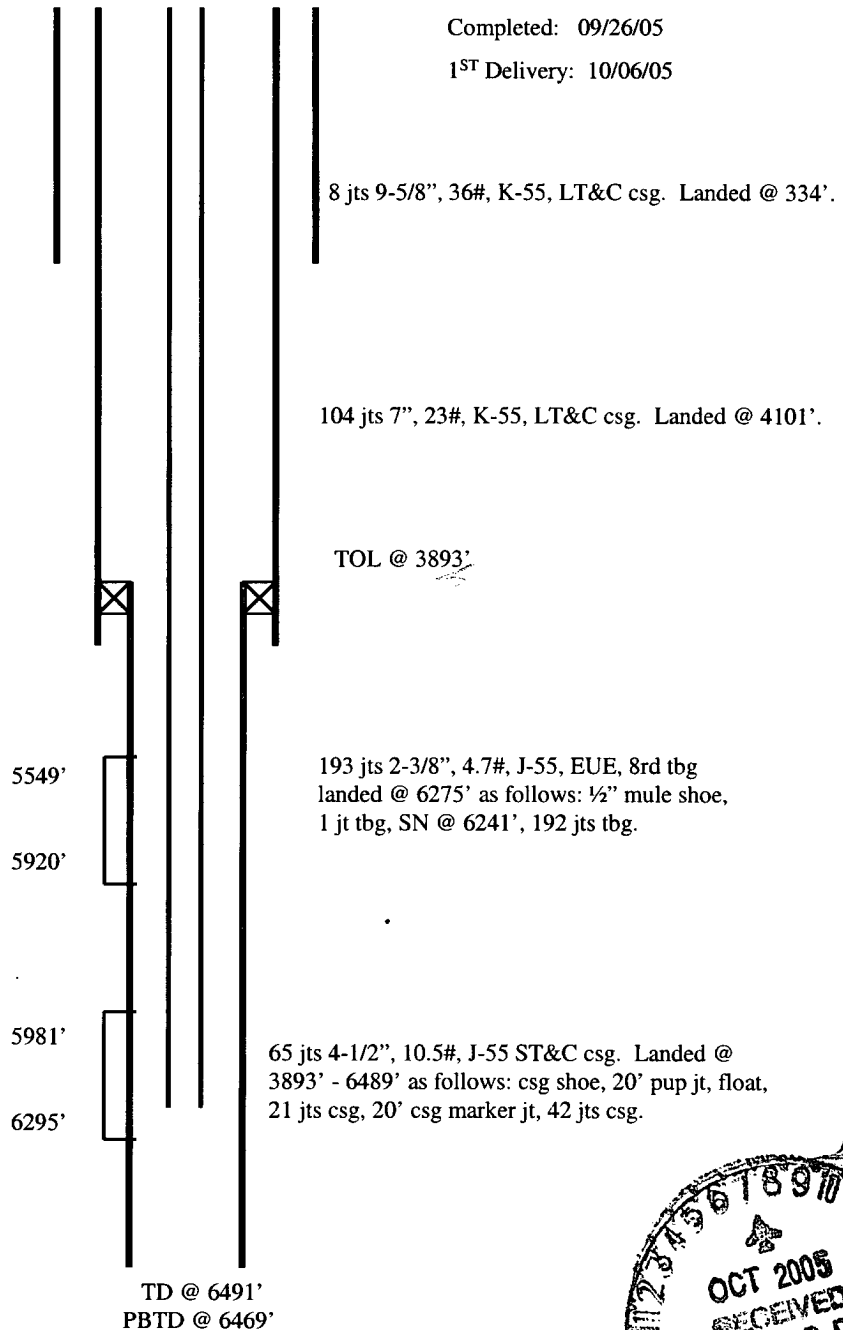
1<sup>ST</sup> Delivery: 10/06/05

| Top             | Depth |
|-----------------|-------|
| Pictured Cliffs | 3646' |
| Lewis           | 3950' |
| CliffHouse      | 5767' |
| Menefee         | 5812' |
| Point Lookout   | 5974' |

## STIMULATION (09/21/05)

CliffHouse/Menefee: 5549' - 5920'  
(42, 0.38" holes) Frac with 9400#  
14/30 Lite Prop 125 followed by  
4200# Brady sand in 2082 bbls wtr.

Point Lookout: 5981' - 6295' (51,  
0.38" holes) Frac with 9400# 14/30  
Lite Prop 125 followed by 3800#  
Brady sand in 1900 bbls wtr.



| Hole Size | Casing        | Cement | Volume      | Top of CMT |
|-----------|---------------|--------|-------------|------------|
| 12-1/4"   | 9-5/8", 36#   | 155 sx | 219 cu ft.  | surface    |
| 8-3/4"    | 7", 23#       | 565 sx | 1152 cu ft. | surface    |
| 6-1/4"    | 4-1/2", 10.5# | 190 sx | 430 cu ft.  | 4040'      |

