

# ROSA UNIT #31C BLANCO MESAVERDE

## Location:

610' FSL and 2405' FWL  
SE 1/4 SW 1/4 Sec 17(N), T31N R05W  
Rio Arriba, New Mexico  
Elevation: 6469' GR

Spud date: 06/28/01

Completed: 10/26/01

| Top             | Depth |
|-----------------|-------|
| Pictured Cliffs | 3336' |
| Lewis           | 3610' |
| CliffHouse      | 5522' |
| Menefee         | 5573' |
| Point Lookout   | 5790' |

## STIMULATION

CliffHouse/Menefee: 4544' - 5770'  
(41, 0.38" holes) Frac with 80,000#  
20/40 sand in 1937 bbls slick water.

Point Lookout: 5792' - 6106' (28,  
0.38" holes) Frac with 80,000# 20/40  
sand in 1943 bbls slick water.

6 jts 9-5/8", 36#, K-55, LT&C csg. Landed @ 287'  
Cemented with 170 sx cmt

TIW liner hanger.  
TOL @ 3699'

82 jts 7", 20#, K-55, ST&C csg. Landed @ 3820'.  
Float @ 3775'. Cemented with 610 sx cmt.

190 jts 2-3/8", 4.7#, J-55, EUE, 8rd tbg w/  
1/2" mule shoe on bottom and SN 1 jt up.  
Landed @ 5948'

56 jts 4-1/2", 10.5#, K-55 ST&C csg. Landed @  
3699' - 6244'. Latch collar @ 6219' & marker jt @  
5557'. Cemented with 280 sx cmt

TD @ 6246'  
PBDT @ 6219'

| Hole Size | Casing        | Cement | Volume      | Top of CMT |
|-----------|---------------|--------|-------------|------------|
| 12-1/4"   | 9-5/8", 36#   | 170 sx | 236 cu ft.  | 234'       |
| 8-3/4"    | 7", 20#       | 610 sx | 1146 cu ft. | 3770'      |
| 6-1/4"    | 4-1/2", 10.5# | 280 sx | 404 cu ft.  |            |

