

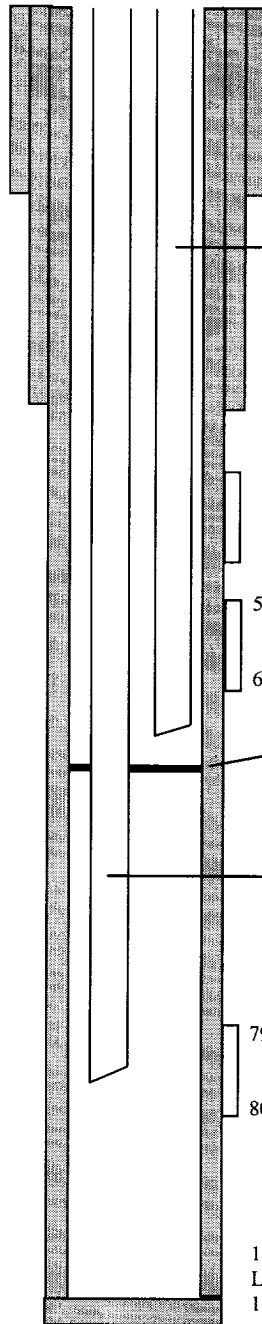
ROSA UNIT #149B **BLANCO MV/BASIN DK**

Location: 1440' FNL, 355' FWL
 SW/4 NW/4 Section 12(E), T31N, R6W
 Rio Arriba, NM

Elevation: 6421' GR

Spudded 09-19-01
 Completed 11-17-01

<i>Tops</i>	<i>Depth</i>
Kirtland	2608'
Pictured Cliffs	3258'
Cliff House	5466'
Point Lookout	5728'
Mancos	6078'
Dakota	7954'



11 jts of 10-3/4", 32.75#, H-40, LT&C csg.
 Landed @ 506'

Mesaverde Tubing: Ran 188 jts 2-1/16", 3.25#, J-55, IJ tbg. Landed @ 6080'.

81 jts of 7-5/8", 26.4#, K-55, ST&C csg
 Landed @ 3732'. Float @ 3686'

4700'

5720' Mesaverde
 Perforations

5949'

6005'

Model "D" pkr set @ 6150'

Dakota Tubing: Ran 249 jts 2-1/16", 3.25#, J-55, IJ tbg. Landed @ 8063'.

7956'

Dakota
 Perforations

8095'

181 jts of 5-1/2", 17#, N-80, LT&C csg
 Landed @ 8133'. Float collar @ 8108'.
 1st marker jt @ 7635', 2nd marker jt @ 5037'

TD @ 8133'
 PBTD @ 8108'

CliffHouse/Menefee 4700' - 5720' (34, 0.38" holes)
 80,000# of 20/40 sand in 1921 BBI's slick water

Point Lookout 5949' - 6005' (22, 0.38" holes)
 80,000# of 20/40 sand in 1887 BBI's slick water

Dakota 7956' - 8095' (22, 0.38" holes)
 90,000# of 20/40 Acfrac SB Excel resin coated proppant
 carried in 60Q Spectre G foam in 799 BBL's slick water



HOLE SIZE	CASING	CEMENT	CMT TOP
14-3/4"	10-3/4"	475 s x, 606 cu.ft.	Surface
9-7/8"	7-5/8"	828 s x, 1536 cu.ft.	Surface
6-3/4"	5-1/2"	345 s x, 707 cu.ft.	8096'

K