

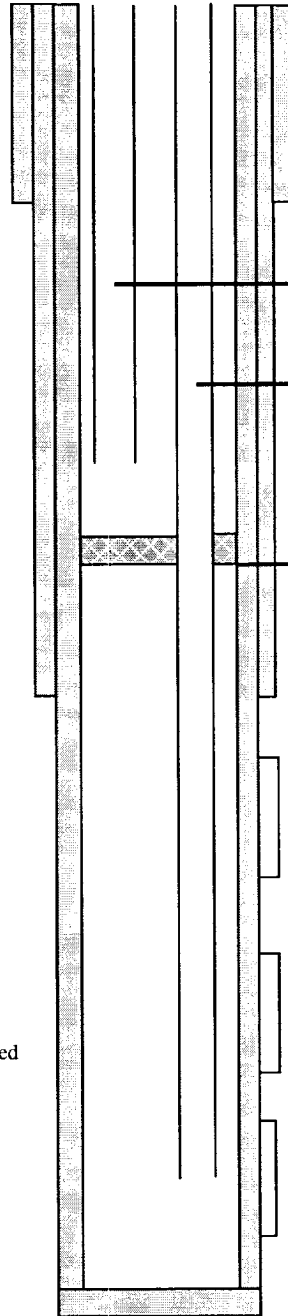
ROSA UNIT #150B **BLANCO MV/BASIN DK**

Location: 1120' FNL, 880' FWL
 NW/4 NW/4 Section 32(D), T32N, R6W
 San Juan Co., NM

Elevation: 6309' GR
API #: 30-045-30874

Spud Date 11-11-01
 Completed 05-08-02

<i>Tops</i>	<i>Depth</i>
Kirtland	2316'
Pictured Cliffs	3050'
Cliff House	5259'
Point Lookout	5555'
Mancos	6880'
Dakota	7782'



7 jts of 10 3/4", 40.5#, ST&C csg.
 Set @ 257'

Mesaverde Tubing: Ran a total of 178 jts as follows: 6' perf sub, 1 jt 2-1/16" tbg, 1.5" SN @ 0000' & 177 jts 2-1/16" tbg. Landed @ 5855'

Dakota Tubing: Ran a total of 241 jts as follows: 1/2" mule shoe on bottom, 1 jt 2-1/16" tbg, 1.5" SN @ 0000', 56 jts 2-1/16" tbg, seal bore assembly w/ 5 seals, 183 jts 2-1/16" tbg, 4' pup, 3' pup & 1 jt 2-1/16" tbg. Landed @ 7860'.

Arrow model "D" packer @ 5925'

80 jts of 7-5/8", 26.4#, N-80 csg. Landed @ 3534'.

4633'

5504'

5557'

187 jts of 5-1/2", 17#, N-80 csg. Landed @ 7971'. Float collar @ 7949'. Marker jt @ 5015'

5873'

7786'

7922'

TD @ 7971'
 PBTD @ 7949'

CliffHouse/Menefee 4633' - 5504' (29, 0.38" holes)
 80,000# of 20/40 sand in 1856 BBI's slick water.

Point Lookout 5557' - 5873' (29, 0.38" holes)
 80,000# of 20/40 sand in 1800 BBI's slick water.

Dakota 7786' - 7922' (16, 0.38" holes)
 74,000# of 20/40 Acfrac SB Excel resin coated sand carried in a 20Q foam in 1264 BBL's slick water

HOLE SIZE	CASING	CEMENT	VOLUME	CMT TOP
14 3/4"	10 3/4"	250 s x	348 cu.ft.	Surface
9 7/8"	7 5/8"	858 s x	1587 cu.ft.	100'
6 3/4"	5 1/2"	310 s x	617 cu.ft.	3300'