

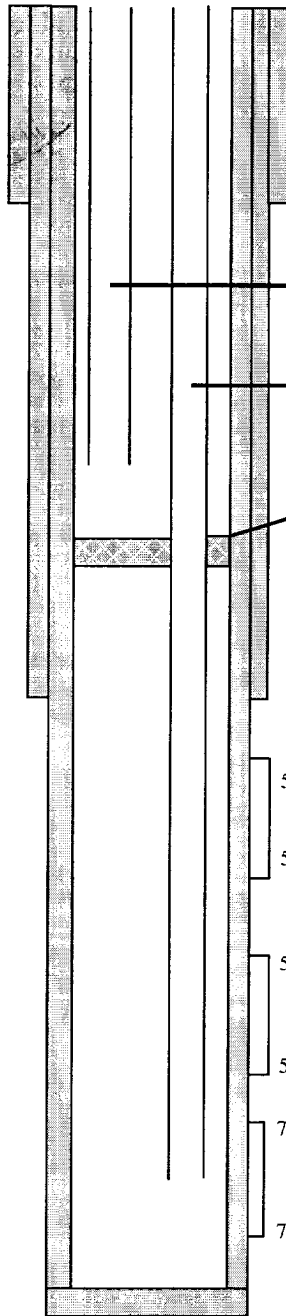
ROSA UNIT #79B **BLANCO MV/BASIN DK**

Location: 975' FNL, 2600' FWL
 NE/4 NW/4 Section 22(C), T31N, R6W
 Rio Arriba Co., NM

Elevation: 6269' GR
API #: 30-039-26920

Spud Date 06-01-02
 Completed 07-22-02

<i>Tops</i>	<i>Depth</i>
Kirtland	2441'
Pictured Cliffs	3116'
Cliff House	5296'
Point Lookout	5560'
Mancos	5876'
Dakota	7820'



11 jts of 10 3/4", 40.5#, K-55, ST&C csg.
 Set @ 528'

Mesaverde Tubing: 6' perf sub, 1 jt 2-1/16" tbg, 1.5" SN,
 & 178 jts 2-1/16". Landed @ 5977' (179 jts total)

Dakota Tubing: 1/2" mule shoe, 1 jt 2-1/16" tbg, 1.5" SN,
 58 jts 2-1/16" tbg, seal bore asseby w/ 5 seals, 183 jts 2-
 1/16" tbg, 10', 8' & 2' pup jt & 1 jt 2-1/16" tbg. Landed @
 7859'. (243 jts total)

Arrow model "D" packer @ 6950'

81 jts of 7-5/8", 26.4#, J-55 csg. Set @ 3605'. Float @ 3558'

5066'

5509'

5562'

5783'

7822'

7880'

177 jts of 5-1/2", 17#, N-80, LT&C csg.
 Set @ 7955'. Float collar @ 7943'.
 Marker jts @ 7476' & 5082'

CliffHouse/Menefee 5066' - 5509' (17, 0.33" holes)
 80,000# of 20/40 sand in 1806 BBI's slick water.

Point Lookout 5562' - 5783' (28, 0.33" holes)
 80,720# of 20/40 sand in 1933 BBI's slick water.

Dakota 7822' - 7880' (11, 0.46" holes)
 85,400# of 20/40 Ottawa sand & 6000# 14/30 Flex sand
 carried in 20Q Vistar foam

TD @ 7955'
 PBTd @ 7943'

<i>HOLE SIZE</i>	<i>CASING</i>	<i>CEMENT</i>	<i>CU. FT.</i>	<i>CMT TOP</i>
14 3/4"	10 3/4"	425 s x	595 cu.ft.	surface
9 7/8"	7 5/8"	780 s x	1472 cu.ft.	surface
6 3/4"	5 1/2"	285 s x	574 cu.ft.	3500'