

ROSA UNIT #170 BLANCO MESAVERDE

Location: 1025' FSL, 1845' FWL
SE/4 SW/4 Section 21N, T31N, R6W
Rio Arriba Co., NM

Spud Date 7-06-1998
Completion Date 9-05-1998

Elevation: 6371' GR
KB = 12'

Tops	Depth
Kirtland	2491'
Fruitland	3009'
Pictured Cliffs	3240'
Cliff House	5351'
Point Lookout	5662'
Mancos	6117'

11 jts of 9-5/8", 36#, K-55, ST&C csg.
Set @ 502'

Mesaverde Tubing: Ran 192 jts 2-3/8", 4.7#, J-55, EUE tbg with SN on top of bottom jt @ 5961' and notched collar on bottom. Landed tbg @ 5993'.

Top of Liner @ 3582'.

82 jts of 7", 20#, K-55, ST&C csg
Set @ 3705'

4430'

5497'

5584'

5969'

STIMULATION

Cliff House/Menefee 4430' - 5497' (42, 0.38" holes)
80,000# of 20/40 sand in 2108 BBI's slick water.

Point Lookout 5584' - 5969' (46, 0.38" holes)
81,000# of 20/40 sand in 2520 BBI's slick water.

PBTD @ 6152'

TD @ 6175'

61 jts of 4-1/2", 10.5#, K-55, ST&C csg
Set @ 3582' - 6175'

HOLE SIZE	CASING	CEMENT	CMT TOP
12 - 1/4"	9 - 5/8"	300 s x	SURFACE
8 - 3/4"	7"	670 s x	SURFACE
6 - 1/4"	4 - 1/2"	310 s x	3582' (CBL)