

30-039-27240

ROSA UNIT #32C
BLANCO MV/BASIN DK

Spud: 09/21/02

Completed: 11/25/02

Surface Location:

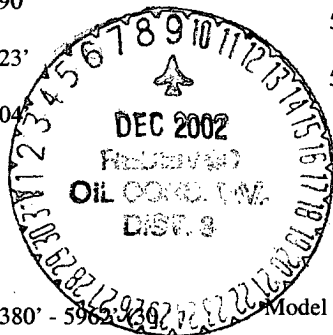
1675' FNL and 1700' FWL
SE/4 NW/4 Sec 21(F), T31N, R6W
Rio Arriba, NM

Bottom Hole Location:

615' FNL and 763' FWL
NW/4 NW/4 Sec 21(D), T31N, R6W
Rio Arriba, NM

Elevation: 6331' GR
API # 30-039-27240

Top	MD Depth
Pictured Cliffs	3501'
Lewis	3809'
Cliffhouse Ss.	5681'
Menefee	5746'
Point Lookout	5990'
Mancos	6423'
Dakota	8204'



Stimulation:

Cliffhouse/Menefee: 5380' - 5962' (39, 0.33" holes) Frac with 81,200# 20/40 sand in 1878 bbls fresh water.

Point Lookout: 5993' - 6276' (26, 0.33" holes) Frac with 80,000# 20/40 sand in 1950 bbls fresh water.

Dakota: 8188' - 8296' (16, 0.33" holes) Frac with 4500# 100 Mesh sand, 90,000# 20/40 Ottawa sand & 6400# Flex sand MSE in 20Q Vistar foam.

11 jts 10-3/4", 40.5#, K-55, ST&C @ 529'. Cemented with 450 sx cmt

93 jts 7-5/8", 26.4#, J-55, ST&C @ 4111'. Float @ 4065'. Cemented with 975 sx cmt

MV tbg 2-1/16", 3.3#, J-55, 8rd EUE, landed @ 6269' as follows: perf sub, 1 jt 16" tbg, 1.5" SN & 196 jts tbg. Total of 197 jts

DK tbg 2-1/16", 3.3#, J-55, 8rd EUE, landed @ 8247' as follows: 1/2" mule shoe, 1 jt tbg, 1.5" SN, 57 jts tbg, SBA w/ 5 seals, 257 jts tbg, 2', 8' & 8' pup jts, 1 jt tbg. Total of 258 jts

184 jts 5-1/2", 17#, N-80 LT&C csg. Landed @ 8190'. Float collar @ 8166'. Marker jts @ 7694' & 5069'. Cemented with 260 sx cmt

8 jts 3-1/2", 9.3#, J-55, 8rd. Landed @ 8353'. Latch collar @ 8341'. Cemented with 50 sx cmt. Liner top @ 8086'

8188'
8296'

PBTD @ 8341' MD
TD @ 8355' MD

Hole Size	Casing	Cement	Volume	Top of Cmt
14-3/4"	10-3/4", 40.5#	450 sx	635 cu. ft.	Surface
9-7/8"	7-5/8", 26.4#	975 sx	1792 cu. ft.	Surface
6-3/4"	5-1/2", 17#	260 sx	574 cu. ft.	3250'
4-3/4"	3-1/2", 9.3#	50 sx	101 cu. ft.	8086'