

ROSA UNIT #153C

BLANCO MV/BASIN MANCOS/BASIN DK

Surface Location:

1115' FNL and 1745' FWL
NW/4 NW/4 Sec 17 (C), T31N, R05W
Rio Arriba, NM

Bottom Hole Location:

1676' FNL and 2222' FEL
SW/4 NE/4 Sec 17 (G), T31N, R05W
Rio Arriba, NM

Elevation. 6208' GR

API # 30-039-30197

Spud: 10/02/08

DK Completed: 11/20/08

MC Completed: 06/19/09

1st Delivery: 0/0/00

Top	MD Depth	TVD Depth
Pictured Cliffs	3431'	3085'
Lewis	3730'	3379'
Cliffhouse Ss.	5611'	5260'
Menefee	5656'	5305'
Point Lookout	5886'	5535'
Mancos	6334'	5983'
Dakota	8115'	7762'

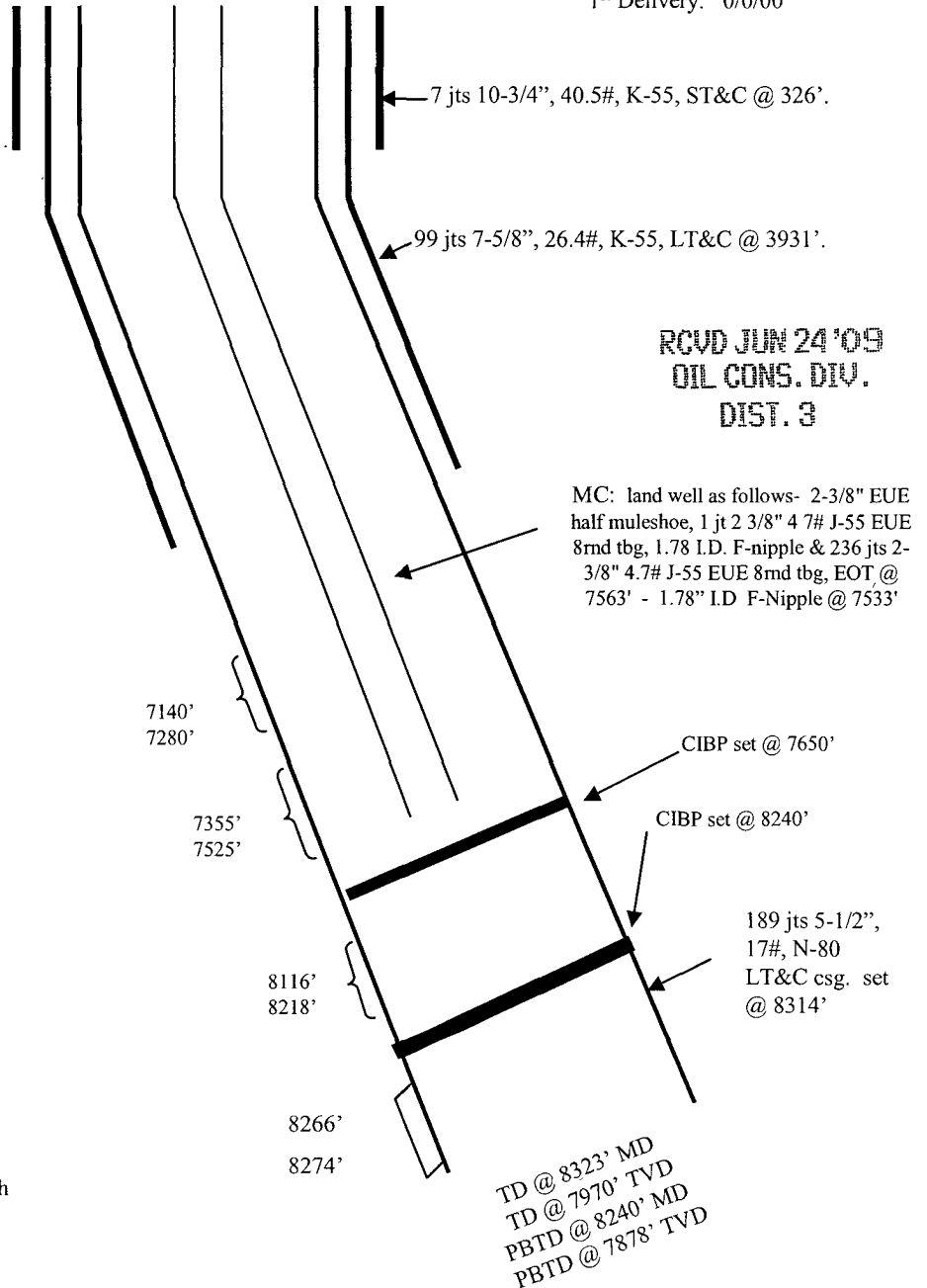
Stimulation:

**NOTE: Mancos and Dakota only
completed at this time**

Mancos 2nd: 7140'-7280' (30, .34" holes)
Frac with 5140# 100 mesh, follow with
201,100# 40/70 Ottawa sand

Mancos 1st: 7355'-7525' (39 .34" holes)
Frac with 5000# 100 mesh BASF, follow
with 188,200# 40/70 mesh BASF

Dakota: 8116' - 8218' (51, 0.34" holes)
Frac with 8000# 100 mesh WS, follow with
116,500# 40/70 WS.



Hole Size	Casing	Cement	Volume	Top of Cmt
14-3/4"	10-3/4", 40.5#	250 sxs	345 cu.ft.	Surface
9-7/8"	7-5/8", 26.4#	750 sxs	1511 cu.ft.	Surface
6-3/4"	5-1/2", 17#	195 sxs	442 cu.ft.	6750' CBL