

ROSA UNIT #41C
BLANCO MV/BASIN MC/BASIN DK

Spud: 05/19/09
Completed: 08/29/09
1st Delivery: 0/0/00

Surface Location:
850' FNL and 1980' FEL
NW/4 NE/4 Sec 8 (B), T31N, R05W
Rio Arriba, NM

Bottom Hole Location:
945' FSL and 1110' FEL
SE/4 SE/4 Sec 5 (P), T31N, R05W
Rio Arriba, NM

Elevation: 6348' GR
API # 30-039-30692

Top	MD Depth	TVD Depth
Pictured Cliffs	3714'	3196'
Lewis	4024'	3447'
Cliffhouse Ss.	5984'	5405'
Menefee	6029'	5449'
Point Lookout	6199'	5619'
Mancos	6752'	6171'
Dakota	8488'	7905'

RCVD SEP 2 '09

OIL CONS. DIV.
DIST. 3

Land well as follows- 2-3/8" EUE half
muleshoe, 1 jt 2 3/8" 4.7# J-55 EUE 8rd
tbg, 1.78" I.D F-nipple, 150 jts 2-3/8" 4.7#
J-55 EUE 8rd tbg & 92 jts 2-3/8", 4.7# N-
80 EUE 8rd tbg. EOT @ 7792' - 1.78"
I.D. F-Nipple @ 7761'

199 jts 5-1/2",
17#, N-80
LT&C csg. set
@ 8081'.

TOL @ 7860'

25 jts 3-1/2", 9 5#,
J-55, EUE 8rd liner
Set @ 8682'

TD @ 8696' MD
TD @ 8113' TVD
PBTD @ 8659' MD
PBTD @ 8076' TVD

Stimulation

NOTE: Dakota and Mancos only completed at this time

Mancos 2nd: 7390' – 7630' (75, 0.34" holes) Frac with 6800# 100
mesh BASF followed w/96,300# 40/70 mesh BASF

Mancos 1st: 7705' – 7846' (60, 0.34" holes) Frac with 5000# 100
mesh BASF followed with 104,500# 40/70 mesh BASF

Dakota: 8490' – 8666' (102, 0.34" holes) Frac with 5200# 100
mesh BASF followed with 121,400# 40/70 mesh BASF

Hole Size	Casing	Cement	Volume	Top of Cmt
14-3/4"	10-3/4", 40.5#	290 sxs	521 cu.ft.	Surface
9-7/8"	7-5/8", 26.4#	705 sxs	1757 cu.ft.	Surface
6-3/4"	5-1/2", 17#	415 sxs	580 cu.ft.	4020' CBL
4-3/4"	3-1/2", 9.5#	50 sxs	72 cu.ft.	7980' CBL