

ROSA UNIT #149C

BLANCO MV / BASIN MC / BASIN DK

Spud: 06/25/09

Completed: 09/19/09

1st Delivery: 0/0/00

Surface Location:

1910' FNL and 2225' FWL
SE/4 NW/4 Sec 12 (F), T31N, R06W
Rio Arriba, NM

Bottom Hole Location:

1208' FNL and 1534' FEL
NW/4 NE/4 Sec 12 (B), T31N, R06W
Rio Arriba, NM

Elevation: 6286' GR

API # 30-039-30723

Top	MD Depth	TVD Depth
Pictured Cliffs	3337'	3142'
Lewis	3640'	3442'
Cliffhouse Ss.	5541'	5343'
Menefee	5586'	5388'
Point Lookout	5821'	5623'
Mancos	6280'	6081'
Dakota	7920'	7722'

Upper MV: 5386'-5742' (57, 0.34" holes) Frac with
81,463# 20/40 mesh BASF

Lower MV: 5798'-6145' (63, 0.34" holes) Frac with
82,617# 20/40 mesh BASF

Upper Mancos: 6968'-7220' (90, 0.34" holes) Frac with
4995# 100 mesh followed w/114,270# 40/70 BASF

Lower Mancos: 7253'-7420' (75, 0.34" holes) Frac with
5005# 100 mesh BASF followed with 99,907# 40/70
BASF

Dakota: 8052'-8158' (87, 0.34" holes) Frac with 6040#
100 mesh BASF followed w/117,723# 40/70 BASF

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, 129 jts 2-3/8" 4.7#
J-55 EUE 8rd tbg & 123 jts 2-3/8", 4.7#,
N-80 EUE 8rd tbg EOT @ 8111' - F-
nipple @ 8077'

213 jts 5-1/2";
17#, N-80
LT&C csg set
@ 8177'.

TD @ 8178' MD
TD @ 7980' TVD
PBTD @ 8135' MD
PBTD @ 7937' TVD

Hole Size	Casing	Cement	Volume	Top of Cmt
14-3/4"	10-3/4", 40.5#	310 sxs	556 cu.ft.	Surface
9-7/8"	7-5/8", 26.4#	645 sxs	1605 cu.ft.	Surface
6-3/4"	5-1/2", 17#	360 sxs	504 cu.ft.	3068' CBL