

ROSA UNIT #189
BLANCO MV / BASIN MANCOS / BASIN DK

Location: 1455' FNL & 1780' FEL
 SW/4 NE/4 Section 21 (G), T31N, R05W
 Rio Arriba Co., NM

Elevation: 6589' GR
API #: 30-039-30186

Spud Date 5-20-09
 Completed 8-1-09
 1st Delivered 00-00-00 MV
 00-00-00 MC
 00-00-00DK

<u>Tops</u>	<u>Depth</u>
Kirtland	2836'
Pictured Cliffs	3432'
Cliff House	5684'
Menefee	5727'
Point Lookout	5929'
Mancos	6327'
Dakota	8148'

CH/MEN: 5460'–5777' (57, 0.34 holes) Frac w/5063#
 20/40 BASF followed w/ 76,803# 20/40 BASF

PT/LO: 5898'–6282' (64, 0.34 holes) Frac w/5044#
 20/40 BASF followed w/ 75,317# 20/40 BASF

Uppr Mancos: 7079'–7300' (69, 0.34 holes) Frac
 w/4511# 100 mesh followed w/ 120,560# 40/70 BASF

Lwr Mancos: 7375'–7515' (45, 0.34 holes) Frac w/5590#
 100 mesh followed w/ 78,870# 40/70 BASF

Dakota: 8148'–8244' (63, 0.34" holes) Frac w/ 6484# 100
 mesh BASF followed with 73,279# 40/70 mesh BASF

7 jts of 10 3/4", 40.5#, J-55, ST&C csg. Set @ 312'.

94 jts of 7-5/8", 26.4#, K-55, LT&C csg. Set @ 3928'.

RCVD AUG 4 '09

OIL CONS. DIV.

DIST. 3

Tubing: 252 jts 2-3/8", J-55, 4.7#, EUE tbg,
 one 1.78" F- Nipple, one jt 2-3/8"
 J-55, 6.5#, EUE tbg, one 2.3/8" Exp Chk - 1/2
 M/S. EOT - 8213'

5460' - 5777'

5898' - 6282'

7079' - 7300'

7375' - 7515'

8148' - 8244'

215 jts of 5-1/2", 17#, N-80, LT&C csg. Set @ 8264'.

TD @ 8268'
 PBTd @ 8259'

HOLE SIZE	CASING	CEMENT	CU. FT.	CMT TOP
14 3/4"	10 3/4", 40.5#	290 sxs	521 cu.ft.	surface
9 7/8"	7 5/8", 26.4#	630 sxs	1561 cu.ft.	surface
6 3/4"	5 1/2", 17#	375 sxs	517 cu.ft.	3550' - CBL