

ROSA UNIT COM #60B
BLANCO MESAVERDE/BASIN MANCOS/BASIN DAKOTA

Location: 275' FSL, 1450' FWL
SE/4 SW/4 Section 4(N), T31N, R6W
San Juan Co., NM
Elevation: 6416' GR
API: 30-045-34251

Spud Date 4-7-2008
Completed 6-22-2008 (DK)
10-06-2008 (MC)
7-01-2009 (MV)
ID'd: 06-24-2008 (DK)
10-16-2008 (MC)
07/06/2009 (MV)

<i>Tops</i>	<i>Depth</i>
Ojo Alamo	2369'
Kirtland	2485'
Pictured Cliffs	3200'
Cliff House	5391'
Point Lookout	5680'
Mancos	6015'
Dakota	7920'

Mesa Verde:

2nd stage: 5105' - 5628' (64, 0.34" holes)
Frac w/74,900# 20/40 BASF

1st stage: 5681' - 5938' (54, 0.34" holes)
Frac w/ 88,200# 20/40 BASF

Mancos:

6th stage: 6545' - 6740' (42, 0.34" holes)

Frac w/5880# 100 white mesh followed
w/100,140# 40/70 Arizona sand

5th stage: 6805' - 6895' (30, 0.34" holes)

Frac w/3910# 100 white mesh sand
followed w/94,762# 40/70 Ottawa

4th stage: 6930' - 7074' (30, 0.34" holes)

Frac w/ 7600# 100 white mesh sand
followed w/18000# 40/70 white sand

3rd stage: 7150' - 7270' (27, 0.34" holes)

Frac w/7640# 100 white mesh sand
followed w/117240 40/70 white sand

2nd stage: 7415' - 7535' (75, 0.34" holes)

Frac w/7500# 100 white mesh sand
followed w/26500# 40/70 white sand

1st stage: 7644' - 7687' (24, 0.36" holes)

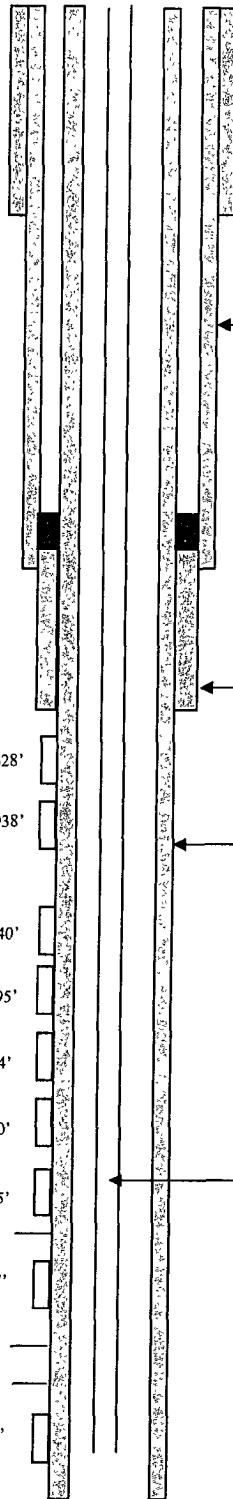
Frac w/ 8140# 100 white mesh sand
followed w/8540# 40/70 white sand

7750' (6, 0.36" holes) pump in only

7810' (6, 0.36" holes) pump in only

Dakota: 7920' - 8052' (63, 0.36" holes)

Frac w/9900# LP108 14/40 followed
w/3000# tempered LC 20/40.



RCVD JUL 8 '09
OIL CONS. DIV.
DIST. 3

HOLE SIZE	CASING	CEMENT	VOLUME	CMT TOP
26"	20"	750 sx	1058 cu.ft.	Surface
14-3/4"	10-3/4"	1560 sx	3107 cu.ft.	Surface
9-7/8"	7-5/8"	400 sx	856 cu.ft.	5900' (CBL)
6 3/4"	5 1/2"	245 sx	558 cu.ft.	3650' (CBL)