

ROSA UNIT #347A
BASIN FRUITLAND COAL

Location:
SHL: 2370' FNL and 2595' FWL
SE/4 NW/4 Sec 11(F), T31N, R04W
Rio Arriba, NM

BHL: 1276' FNL and 1284' FWL
NW/4 NW/4 Sec 11(D), T31N, R04W
Rio Arriba, NM

Elevation: 7018' GR
API # 30-039-29782

Spud date: 09/11/06
Completed: 10/04/06
1st Delivered: 10/19/06

Landed 8 jts 9-5/8", 36#, J-55, ST&C csg @ 336'.
Cemented with 190 sx cmt

TIW liner hanger.
TOL @ 3217'

Landed 132 jts of 2-3/8", 4.7#, J-55 tbg @ 4341' as follows:
mule shoe on bottom, 1 jt tbg, 1.78" SN @ 4307', 131 jts tbg.

TD @ 5379' TMD

Landed 115 jts 7", 23#, J-55, LT&C csg
@ 4356' TMD. Float @ 4315'.
Cemented with 855 sx cmt.

Top	Depth
Ojo Alamo	3327'
Kirtland	3447'
Fruitland	3692'
Base of Coal	0000'

Hole Size	Casing	Cement	Volume	Top of CMT
12-1/4"	9-5/8", 36#	190 sx	266 cu ft,	surface
8-3/4"	7", 23#	855 sx	1683 cu ft.	surface
6-1/4"	4-1/2", 11.6#	Did Not Cmt	N/A	N/A

Landed 51 jts 4-1/2", 11.6#, J-55 liner & 1 jt 4-1/2" 10.5#, J-55 liner @ 3217' - 5379' as follows:
liner hanger, 1 jt 10.5# non-perfed csg, 51 jts
perfed csg & guide shoe on bottom. Liner perfs
are from 3262' to 5378' (0.50" dia, 24 shots/ft,
50,784 total holes). Did not cement