

ROSA UNIT #217A
BASIN FRUITLAND COAL

Location:

1500' FSL and 2260' FEL
NW/4 SE/4 Sec 11(J), T31N, R6W
Rio Arriba, New Mexico

Elevation: 6349' GR
API # 30-039-29835

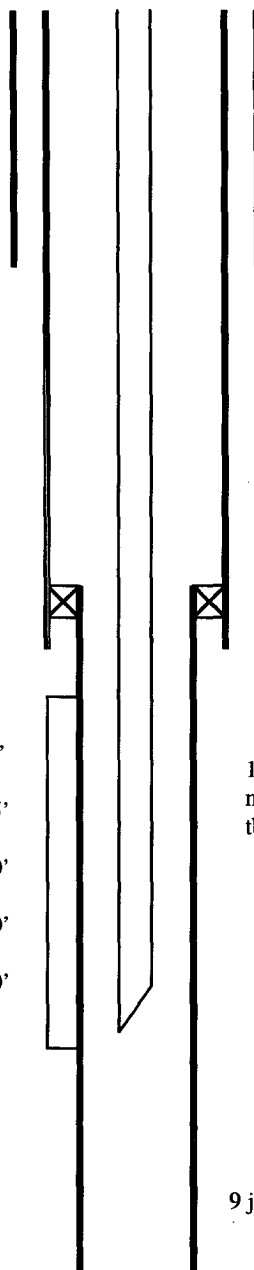
Spud 05/21/06
Completed 08/21/06
1st Delivery 08/24/06

Top	Depth
Ojo Alamo	2398'
Kirtland	2503'
Fruitland	2898'
Pictured Cliffs	3163'

0.48". 4 SPF
320 holes total

2995' - 3005'
3015' - 3025'
3050' - 3070'
3080' - 3100'
3150' - 3170'

Open hole from 6-1/4" to 9-1/2"
from 2987' to 3269'



7 jts 9-5/8", 36#, J-55, ST&C @ 324'

75 jts 7", 23#, K-55, LT&C @ 2977'

Liner top @ 2925'

105 jts 2-7/8", 6.5#, J-55 tbg @ 3209' as follows:
mule shoe, 1 jt tbg, 2.28" SN @ 3178' & 104 jts
tbg.

9 jts 5-1/2", 17#, N-80 @ 2925' - 3269'

TD @ 3269'

Hole Size	Casing	Cement	Volume	Top of Cmt
12-1/4"	9-5/8", 36#	155 sxs	215 cu.ft.	Surface
8-3/4"	7", 23#	450 sxs	910 cu.ft.	Surface
6-1/4"	5-1/2", 17#	Did Not Cmt		