

ROSA UNIT #210A
BASIN FRUITLAND COAL

Location:

1920' FSL and 1125' FEL
NW/4 SE/4 Sec 13(J), T31N, R6W
Rio Arriba, New Mexico

Elevation: 6348' GR
API # 30-039-29487

Spud 05/07/05

Completed 08/05/05

1st Delivery 08/10/05

Top	Depth
Ojo Alamo	2445'
Kirtland	2550'
Fruitland	2960'
Pictured Cliffs	3205'

7 jts 9-5/8", 36#, K-55, ST&C @ 319'

76 jts 7", 20#, K-55 ST&C @ 3037'

Liner top @ 2975'

0.45". 4 SPF
312 holes total

3054' - 3064'
3069' - 3084'
3102' - 3112'
3116' - 3126'
3170' - 3203'

99 jts 2-7/8", 6.5#, J-55 tbg @ 3223' as follows:
1/2" mule shoe, 1 jt tbg, 2.25" SN @ 3190', 98 jts
tbg, 12' pup.



Open hole from 6-1/4" to 9-1/2"
from 3045' to 3301'

7 jts 5-1/2", 17#, N-80 @ 2975' - 3315'

Liner

TD @ 3301'

Hole Size	Casing	Cement	Volume	Top of Cmt
12-1/4"	9-5/8", 36#	200 sx	282 cu. ft.	Surface
8-3/4"	7", 20#	650 sx	1330 cu. ft.	Surface
6-1/4"	5-1/2", 17#	Did Not Cmt		