

ROSA UNIT #227A BASIN FRUITLAND COAL

Location:

500' FSL and 1590' FEL
SW/4 SE/4 Sec 07(O), T31N, R05W
Rio Arriba, New Mexico

Elevation: 6373' GR
API # 30-039-29512

Spud 09/10/05

Completed 11/30/05

1st Delivery 12/21/05

Top	Depth
Ojo Alamo	2480'
Kirtland	2620'
Fruitland	2985'
Pictured Cliffs	3235'

0.45". 4 SPF
340 holes total

3077' - 3089'
3105' - 3118'
3150' - 3164'
3200' - 3236'

Open hole from 6-1/4" to 9-1/2"
from 3068' to 3333'

TD @ 3333'

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

82 jts 7", 23#, K-55, LT&C @ 3060'

Liner top @ 3010'

101 jts 2-7/8", 6.5#, J-55 tbg @ 3265' as follows:
1/2" mule shoe, 1 jt tbg, 2.25" SN @ 3235', 100 jts
tbg.

7 jts 5-1/2", 17#, N-80 @ 3010' - 3322'



Hole Size	Casing	Cement	Volume	Top of Cmt
12-1/4"	9-5/8", 36#	155 sx	218 cu. ft.	Surface
8-3/4"	7", 23#	450 sx	914 cu. ft.	Surface
6-1/4"	5-1/2", 17#	Did Not Cmt		