

ROSA UNIT #216A BASIN FRUITLAND COAL

Location:

1360' FNL and 535' FWL
SW/4 NW/4 Sec 11(E), T31N, R6W
Rio Arriba, New Mexico

Elevation: 6307' GR
API # 30-039-29513

Spud 08/27/05

Completed 10/30/05

1st Delivery 11/11/05

Top	Depth
Ojo Alamo	2324'
Kirtland	2429'
Fruitland	2849'
Pictured Cliffs	3099'

0.58". 4 SPF
300 holes total

Open hole from 6-1/4" to 9-1/2"
from 2946' to 3195'

2963' - 2973'
3000' - 3020'
3020' - 3040'
3075' - 3090'
3093' - 3103'

7 jts 9-5/8", 36#, J-55, ST&C @ 328'

77 jts 7", 23#, K-55 LT&C @ 2936'

Liner top @ 2858'

97 jts 2-7/8", 6.5#, J-55 tbg @ 3148' as follows:
1/2" mule shoe, 1 jt tbg, 2.25" SN @ 3116', 96 jts
tbg.

7 jts 5-1/2", 17#, N-80 @ 2858' - 3187'

TD @ 3195'



Hole Size	Casing	Cement	Volume	Top of Cmt
12-1/4"	9-5/8", 36#	155 sx	217 cu. ft.	Surface
8-3/4"	7", 23#	500 sx	1014 cu. ft.	Surface
6-1/4"	5-1/2", 17#	Did Not Cmt		