

ROSA UNIT #211A FRUITLAND COAL

Location:

1440' FSL and 25' FEL
NE/4 SE/4 Sec 26(1), T31N, R6W
Rio Arriba, New Mexico
Elevation: 6409' GR
API # 30-039-27465

Spud 08/21/03

Completed 11/12/03

1st Delivery 00/00/03

Top	Depth
Ojo Alamo	2475'
Kirtland	2586'
Fruitland	2959'
Base of Coal	3075'

7 jts 9-5/8", 36#, J-55, ST&C @ 298'

97 jts 2-7/8", 6.5# tbgs @ 3206'. 1/2" mule shoe on bottom, 1 jt tbgs, SN @ 3172', 95 jts tbgs, 10', 4' & 6' pump jts, 1 jt tbgs.

67 jts 7", 20#, K-55 @ 3054', float collar @ 3006'

Liner top @ 2951'

4 SPF, 0.49" holes
400 holes total

3075' - 3085'

3110' - 3155'

3175' - 3220'



6 jts 5-1/2", 17#, N-80 @ 2951' - 3236'

Open hole from 6-1/4" to 9-1/2"
from 3065' to 3236'

TD @ 3236'

Hole Size	Casing	Cement	Volume	Top of Cmt
12-1/4"	9-5/8", 36#	170 sx	239 cu. ft.	Surface
8-3/4"	7", 20#	435 sx	870 cu. ft.	Surface
6-1/4"	5-1/2", 17#	Did Not Cmt		