

ROSA UNIT #339A FRUITLAND COAL

Location:

1365' FSL and 1050' FEL
NE/4 SE/4 Sec 32(I), T32N, R6W
San Juan, New Mexico
Elevation: 6368' GR
API # 30-045-31762

Spud 10/06/03

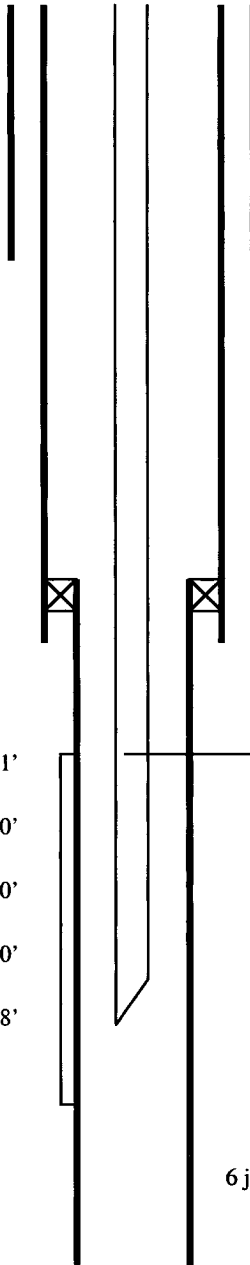
Completed 12/30/03

1st Delivery 00/00/04

Top	Depth
Ojo Alamo	2285'
Kirtland	2415'
Fruitland	2925'
Pictured Cliffs	3120'

4 SPF, 0.49" holes
264 holes total

Open hole from 6-1/4" to 9-1/2"
from 2988' to 3120'



6 jts 9-5/8", 36#, K-55 csg @ 298'

64 jts 7", 20#, J-55 @ 2978', float collar @ 2931'

Liner top @ 2839'

94 jts 2-7/8", 6.5# tbg @ 3100' as follows: 1/2" mule shoe on bottom, 1 jt tbg, SN @ 3066', 92 jts tbg, 6' sub, 1 jt tbg.

6 jts 5-1/2", 17#, N-80 @ 2839' - 3109'.

TD @ 3138'

Hole Size	Casing	Cement	Volume	Top of Cmt
12-1/4"	9-5/8", 36#	190 sx	268 cu. ft.	Surface
8-3/4"	7", 20#	450 sx	902 cu. ft.	Surface
6-1/4"	5-1/2", 17#	Did Not Cmt		