



ROSA UNIT #201A BASIN FRUITLAND COAL

Spud 08/19/05
Completed 12/09/05
1st Delivery 12/15/05

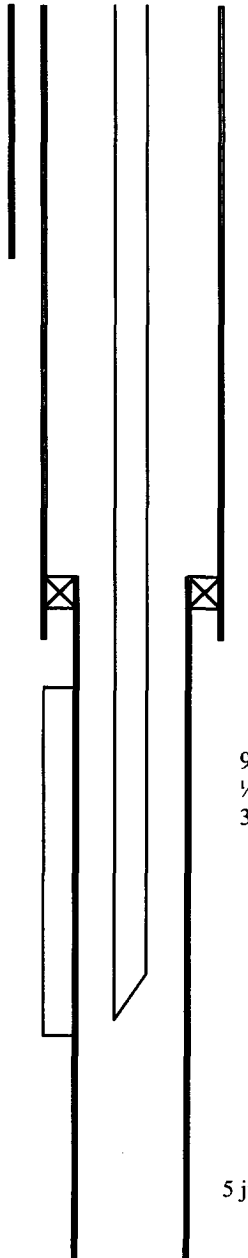
Location:
920' FSL and 1830' FEL
SW/4 SE/4 Sec 22(O), T31N, R6W
Rio Arriba, New Mexico

Elevation: 6235' GR
API # 30-039-27417

Top	Depth
Ojo Alamo	2279'
Kirtland	2394'
Fruitland	2784'
Pictured Cliffs	3079'

0.54". 4 SPF
336 holes total

Open hole from 6-1/4" to 9-1/2"
from 2901' to 3094'



13 jts 9-5/8", 36#, J-55, ST&C @ 538'

74 jts 7", 23#, K-55 ST&C @ 2891'. Float insert @ 2852'.

Liner top @ 2860'

92 jts 2-7/8", 6.5#, J-55 tbg @ 3084' as follows:
1/2" mule shoe/exp check, 1 jt tbg, 2.28" SN @ 3049', 90 jts tbg, 10', 8' and 6' pup jts, 1 jt tbg.

5 jts 5-1/2", 17#, N-80 @ 2860' - 3094'

TD @ 3094'

Hole Size	Casing	Cement	Volume	Top of Cmt
12-1/4"	9-5/8", 36#	255 sx	360 cu. ft.	Surface
8-3/4"	7", 23#	500 sx	1020 cu. ft.	Surface
6-1/4"	5-1/2", 17#	Did Not Cmt		