

# ROSA UNIT #203A BASIN FRUITLAND COAL

Spud: 04/29/05  
Completed: 06/24/05  
1st Delivery: 06/30/05

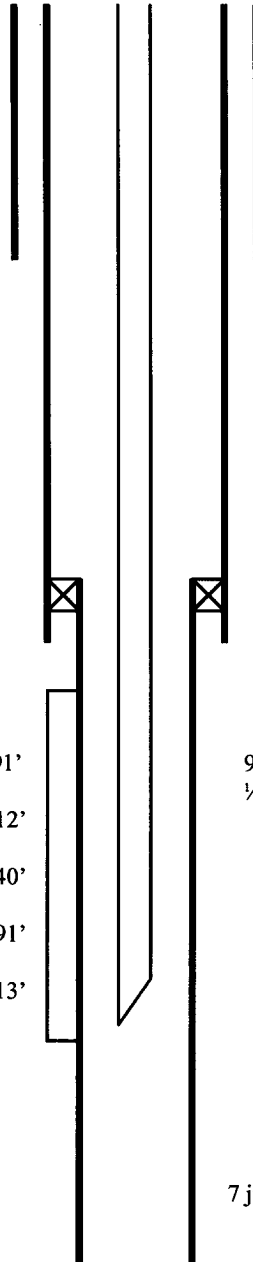
Location:  
1105' FSL and 670' FEL  
SE/4 SW/4 Sec 18(N), T31N, R5W  
Rio Arriba, New Mexico

( Elevation: 6336' GR  
API # 30-039-29456 )

| Top             | Depth |
|-----------------|-------|
| Ojo Alamo       | 2428' |
| Kirtland        | 2548' |
| Fruitland       | 2953' |
| Pictured Cliffs | 3198' |

0.48". 4 SPF  
369 holes total

Open hole from 6-1/4" to 9-1/2"  
from 3045' to 3293'



8 jts 9-5/8", 36#, J-55, LT&C @ 339'

66 jts 7", 20#, K-55 ST&C @ 3037'

Liner top @ 2957'

98 jts 2-7/8", 6.5#, J-55 tbg @ 3224' as follows:  
1/2" mule shoe, 1 jt tbg, SN @ 3190', 97 jts tbg

7 jts 5-1/2", 17#, N-80 @ 2957' - 3280'

TD @ 3293'

| Hole Size | Casing      | Cement      | Volume       | Top of Cmt |
|-----------|-------------|-------------|--------------|------------|
| 12-1/4"   | 9-5/8", 36# | 170 sx      | 240 cu. ft.  | Surface    |
| 8-3/4"    | 7", 20#     | 550 sx      | 1120 cu. ft. | 250        |
| 6-1/4"    | 5-1/2", 17# | Did Not Cmt |              |            |