

**ROSA UNIT #312A  
BASIN FRUITLAND COAL**

Spud: 07/31/06

Completed: 09/26/06

1<sup>st</sup> Delivered: 10/04/06

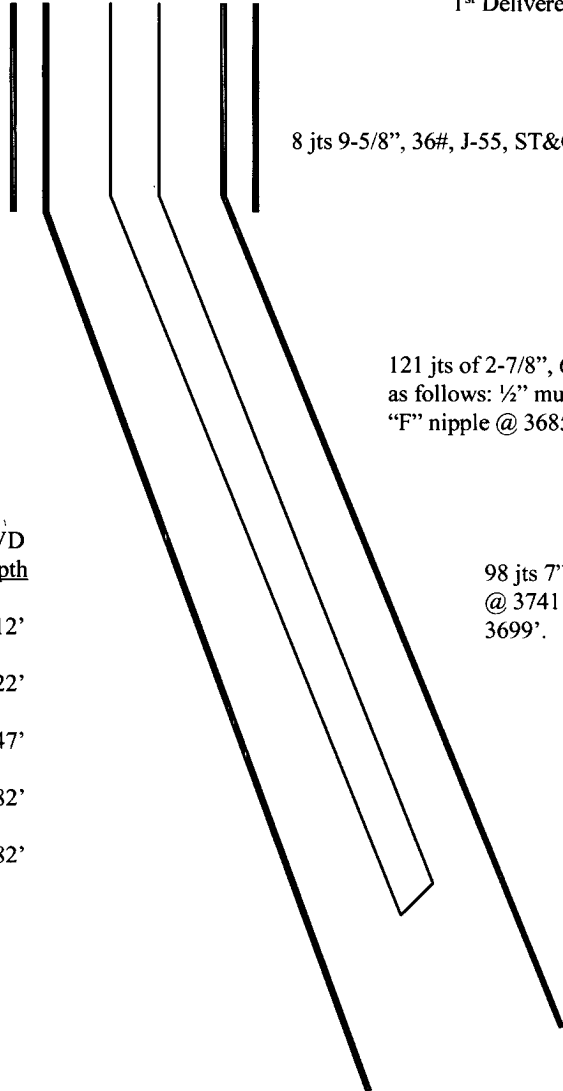
Surface Location:

2060' FNL and 1050' FWL  
SW/4 NW/4 Sec 28(E), T31N, R04W  
Rio Arriba, NM

Bottom Hole Location:

1273' FNL and 1967' FWL  
NE/4 NW/4 Sec 28(C), T31N, R04W  
Rio Arriba, NM

( Elevation: 6728' GR  
API # 30-039-29908 )



8 jts 9-5/8", 36#, J-55, ST&C @ 338'.

121 jts of 2-7/8", 6.5#, J-55 tbg @ 3718'  
as follows: 1/2" mule shoe, 1 jt tbg, 2.25"  
"F" nipple @ 3685', 120 jts tbg.

98 jts 7", 23#, J-55, LT&C  
@ 3741'. Float collar @  
3699'.



| Top             | MD<br>Depth | TVD<br>Depth |
|-----------------|-------------|--------------|
| Ojo Alamo       | 3273'       | 3012'        |
| Kirtland        | 3386'       | 3122'        |
| Fruitland       | 3613'       | 3347'        |
| Base of Coal    | 3848'       | 3582'        |
| Pictured Cliffs | 3853'       | 3682'        |

Open hole from 6-1/4" to 9-1/2"  
from 3747' to 3946'

TD @ 3947' MD

| Hole Size | Casing      | Cement  | Volume      | Top of Cmt |
|-----------|-------------|---------|-------------|------------|
| 12-1/4"   | 9-5/8", 36# | 200 sxs | 282 cu.ft.  | Surface    |
| 8-3/4"    | 7", 23#     | 515 sxs | 1047 cu.ft. | Surface    |
|           |             |         |             |            |

TR 10/06/06

*Q*