

**ROSA UNIT #221A
BASIN FRUITLAND COAL**

Surface Location:

925' FNL and 220' FWL
NE/4 NW/4 Sec 18(C), T31N, R05W
Rio Arriba, NM

Bottom Hole Location:

1198' FNL and 841' FWL
NE/4 NW/4 Sec 18(C), T31N, R05W
Rio Arriba, NM

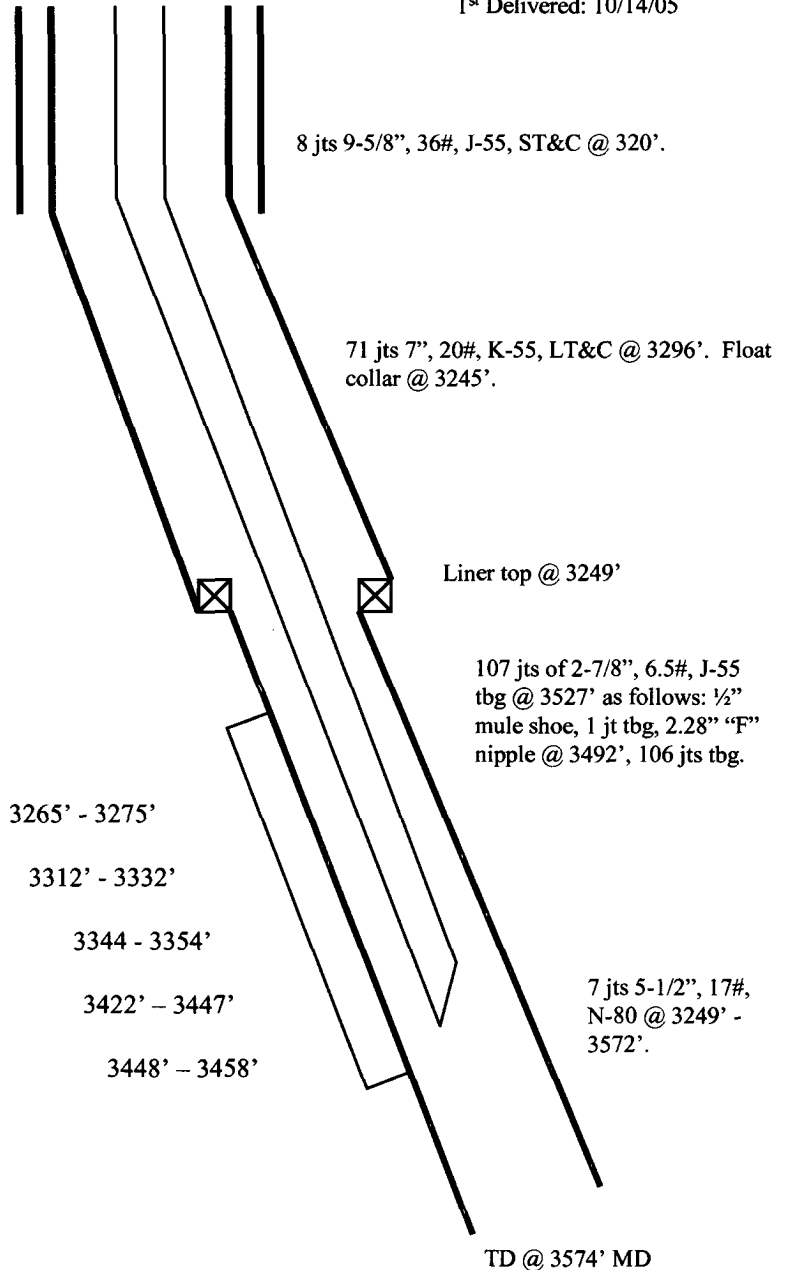
Elevation: 6516' GR
API # 30-039-29492

Spud: 05/08/05

Completed: 10/11/05

1st Delivered: 10/14/05

<u>Top</u>	<u>MD Depth</u>	<u>TVD Depth</u>
Ojo Alamo	2701'	2623'
Kirtland	2810'	2728'
Fruitland	3223'	3123'
Pictured Cliffs	3484'	3393'



Open hole from 6-1/4" to 9-1/2"
from 3310' to 3574'



Hole Size	Casing	Cement	Volume	Top of Cmt
12-1/4"	9-5/8", 36#	210 sx	296 cu. ft.	Surface
8-3/4"	7", 20#	550 sx	1125 cu. ft.	Surface
6-1/4"	5-1/2", 17#	Did Not Cmt		

Handwritten mark resembling a stylized 'H' or 'B'.