



**ROSA UNIT #224A
BASIN FRUITLAND COAL**

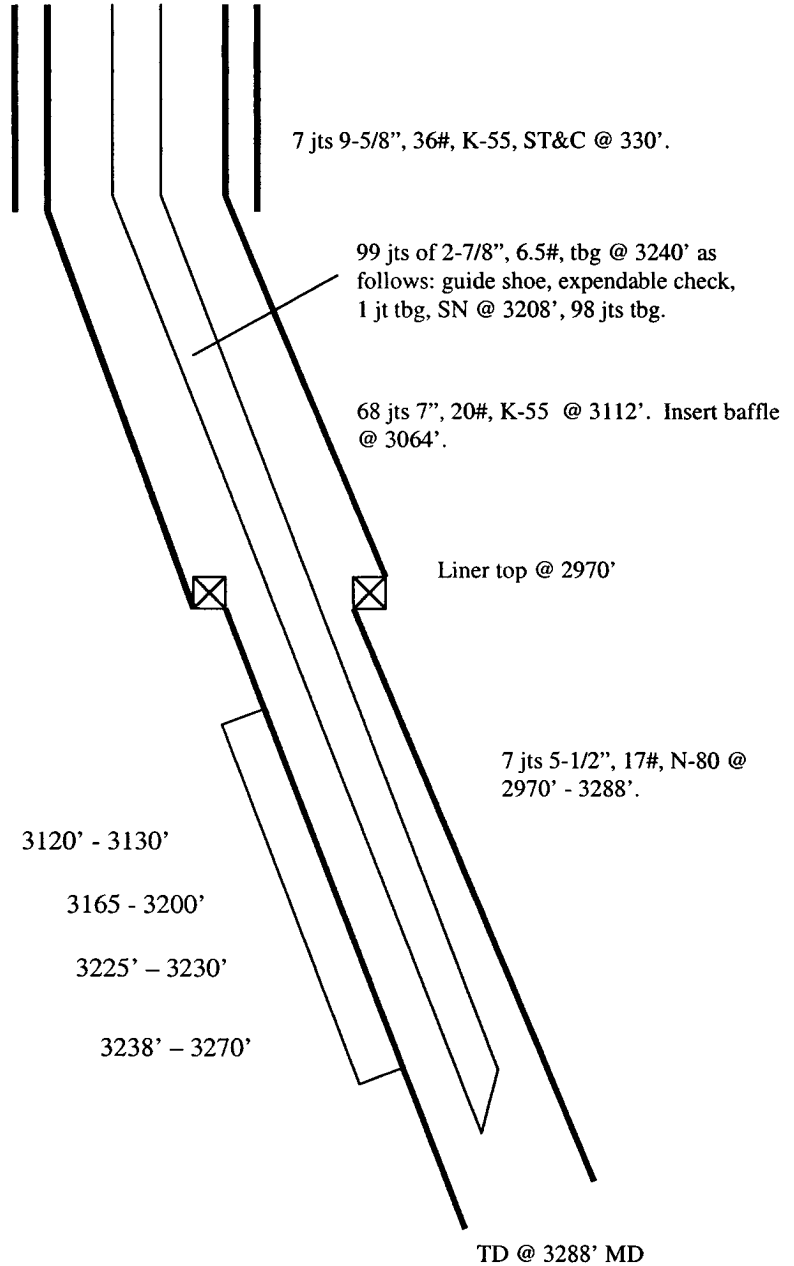
Surface Location:
1450' FNL and 1140' FWL
SW/4 NW/4 Sec 08(E), T31N, R6W
San Juan, NM

Spud: 08/27/03
Completed: 11/30/03

Bottom Hole Location:
677' FNL and 994' FWL
NW/4 NW/4 Sec 08(D), 31N, 6W
San Juan, NM

Elevation: 6335' GR
API # 30-045-31633

Top	MD Depth	TVD Depth
Ojo Alamo	2357'	2255'
Kirtland	2480'	2370'
Fruitland	3049'	2915'
Base of Coal	3260'	3125'



328 holes total

Open hole from 6-1/4" to 9-1/2"
from 3114' to 3276'

Hole Size	Casing	Cement	Volume	Top of Cmt
12-1/4"	9-5/8", 36#	175 sx	247 cu. ft.	Surface
8-3/4"	7", 20#	410 sx	819 cu. ft.	Surface
6-1/4"	5-1/2", 17#	Did Not Cmt		