

ROSA UNIT #359A BASIN FRUITLAND COAL

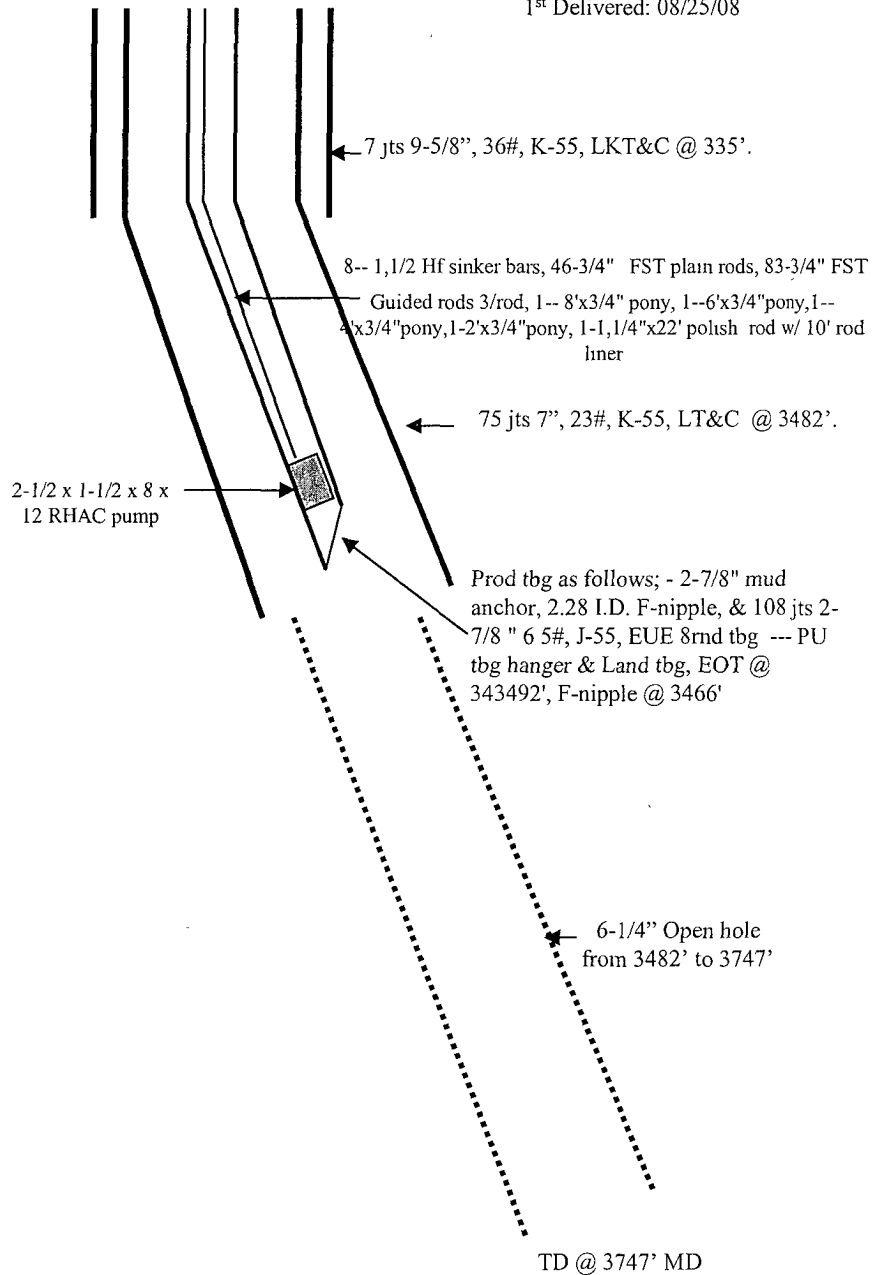
Surface Location:
465' FSL and 360' FWL
SW/4 SW/4 Sec 3 (M), T31N, R5W
Rio Arriba, NM

Spud: 07/20/08
Completed: 08/24/08
1st Delivered: 08/25/08

Bottom Hole Location:
939' FSL and 843' FEL
SE/4 SE/4 Sec 4 (P), T31N, R5W
Rio Arriba, NM

Elevation: 6548' GR
API # 30-039-29939

Top	MD Depth	TVD Depth
Ojo Alamo	2878'	2672'
Kirtland	3005'	2782'
Fruitland	3420'	3142'



Under ream from 6-1/4" to 9-1/2"
from 3488' to 3747'

Hole Size	Casing	Cement	Volume	Top of Cmt
12-1/4"	9-5/8", 36#	150 sx	205 cu.ft	Surface
8-3/4"	7", 23#	542 sx	1083 cu.ft	Surface
none at this time				