

ROSA UNIT #230A FRUITLAND COAL

Location:

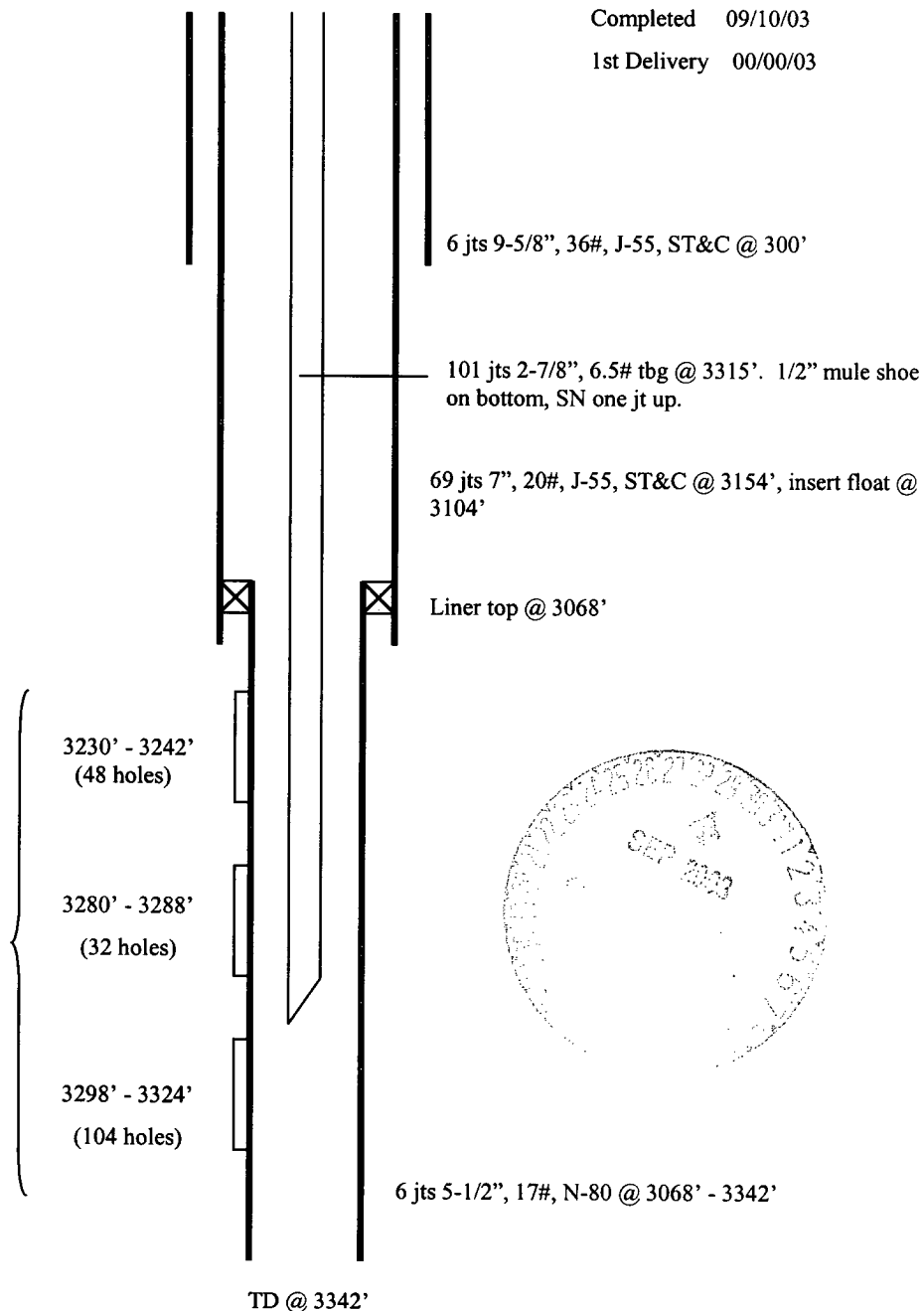
1460' FNL and 790' FWL
SE/4 NW/4 Sec 31(F), T31N, R5W
Rio Arriba, New Mexico
Elevation: 6512' GR
API # 30-039-27288

Spud 07/31/03

Completed 09/10/03

1st Delivery 00/00/03

Top	Depth
Ojo Alamo	2572'
Kirtland	2702'
Fruitland	3047'
Pictured Cliffs	3327'



Open hole from 6-1/4" to 9-1/2"
from 3160' to 3342'

TD @ 3342'

Hole Size	Casing	Cement	Volume	Top of Cmt
12-1/4"	9-5/8", 36#	165 sx	233 cu. ft.	Surface
8-3/4"	7", 20#	450 sx	850 cu. ft.	Surface
6-1/4"	5-1/2", 17#	Did Not Cmt		