

ROSA UNIT #231A
FRUITLAND COAL

Spud 06/24/03

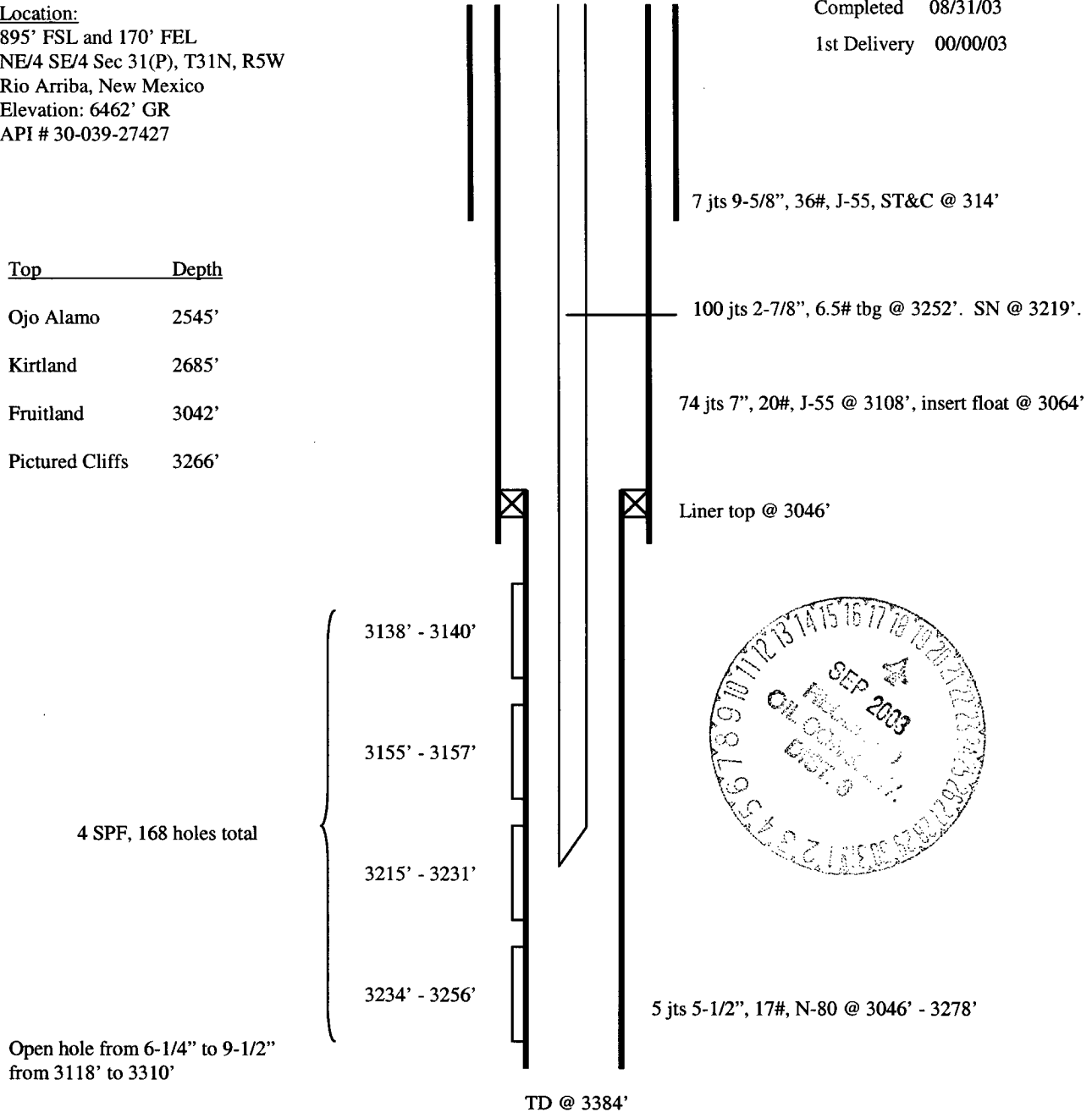
Completed 08/31/03

1st Delivery 00/00/03

Location:

895' FSL and 170' FEL
NE/4 SE/4 Sec 31(P), T31N, R5W
Rio Arriba, New Mexico
Elevation: 6462' GR
API # 30-039-27427

Top	Depth
Ojo Alamo	2545'
Kirtland	2685'
Fruitland	3042'
Pictured Cliffs	3266'



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#	390 sx	781 cu. ft.	Surface
6-1/4"	5-1/2", 17#	Did Not Cmt		