

Location.

SHL: 1087' FSL & 976' FEL
SW/4 SE/4 Sec 24(O), T31N, R06W
BHL: 144' FSL & 1' FWL
SW/4 SW/4 Sec 24 (M), T31N, R-06W
Rio Arriba, New Mexico

ROSA UNIT #209A- ReEntry BASIN FRUITLAND COAL

Spud: 6/23/04
Completed: 8/11/04
1st Delivery: 9/4/04
Pump Install: 4/15/06
Horiz re entry: 6/7/12

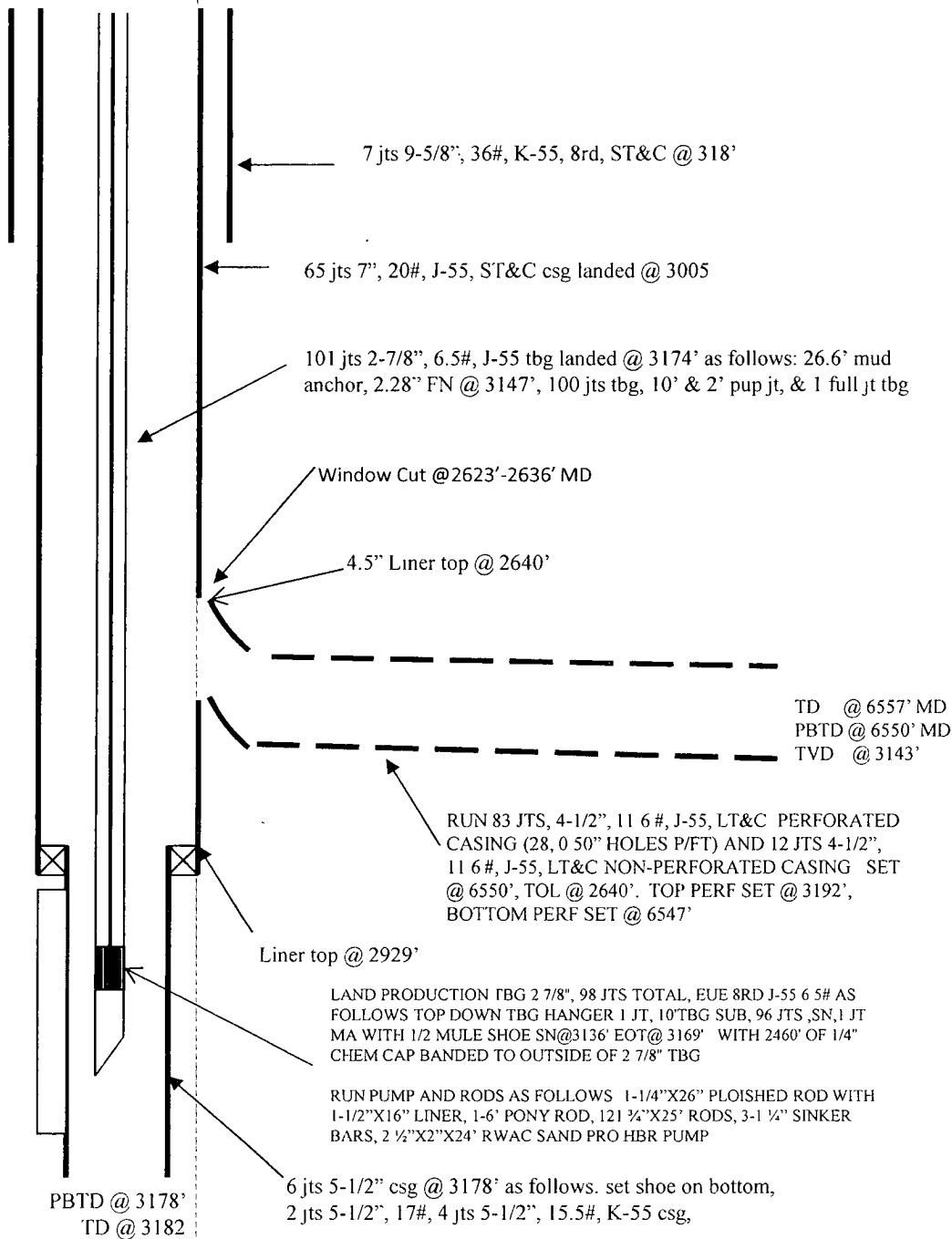
Elevation: 6310' GR
API # 30-039-27699

PUMPING UNIT
AMERICAN C-114D-133-
54

Top	Depth
Ojo Alamo	2430'
Kirtland	2540'
Fruitland	2925'
Pictured Cliffs	3165'

0 49" 4 SPF 256 holes total	3008' - 3018'
	3030' - 3040'
	3030' - 3040'
	3135' - 3169

Open hole from 6-1/4" to
9-1/2" from 3007' to
3179'



Hole Size	Casing	Cement	Volume	Top of Cmt
12-1/4"	9-5/8", 36#	155 sx	219 cu. ft.	Surface
8-3/4"	7", 20#	440 sx	881 cu. ft.	115'
6-1/4"	5-1/2", 17# & 15.5#	Did Not Cmt		
	4-1/2", 11.6#, J-55			

Lg 6/11/12

AV