

ROSA UNIT #215A- ReEntry BASIN FRUITLAND COAL

Location:

SHL: 2631' FNL & 1150' FWL
SW/4 NW/4 Sec 26(E), T31N, R06W
BHL: 625' FSL & 2532' FEL
SW/4 SE/4 Sec 23 (O), T31N, R06W
Rio Arriba, New Mexico

Elevation: 6428' GR
API # 30-039-27422

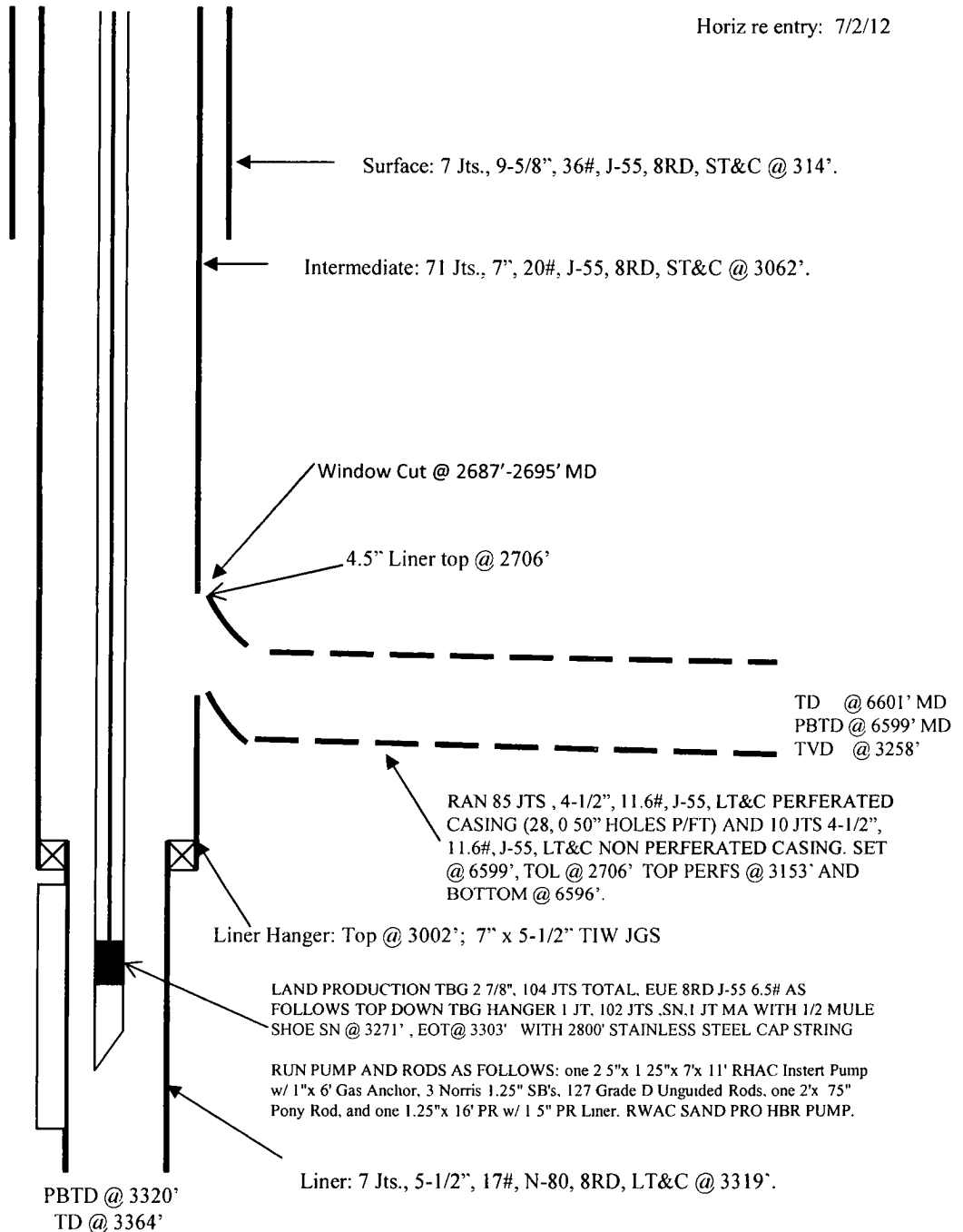
Spud 6/28/03
Cavitated 8/15/03
First Delivery 9/11/03
Pump Install 11/30/05
Horiz re entry: 7/2/12

Lufkin C114-135-48

Top	Depth
Ojo Alamo	2475'
Kirtland	2615'
Fruitland	3000'
Pictured Cliffs	3300'

Perforations:
All 4 JSPF;
0.45" Diameter,
336 Holes
Total

3123' - 3150'
3198' - 3208'
3218' - 3262'
3295' - 3298'



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	777 cu. ft.	Surface
9-1/2"	5-1/2", 17#	None	N.A.	N.A.
6-1/4"	4-1/2", 11.6#, J-55	Did Not Cmt		

LG 7/3/12