

ROSA UNIT #229- ReEntry BASIN FRUITLAND COAL

Location

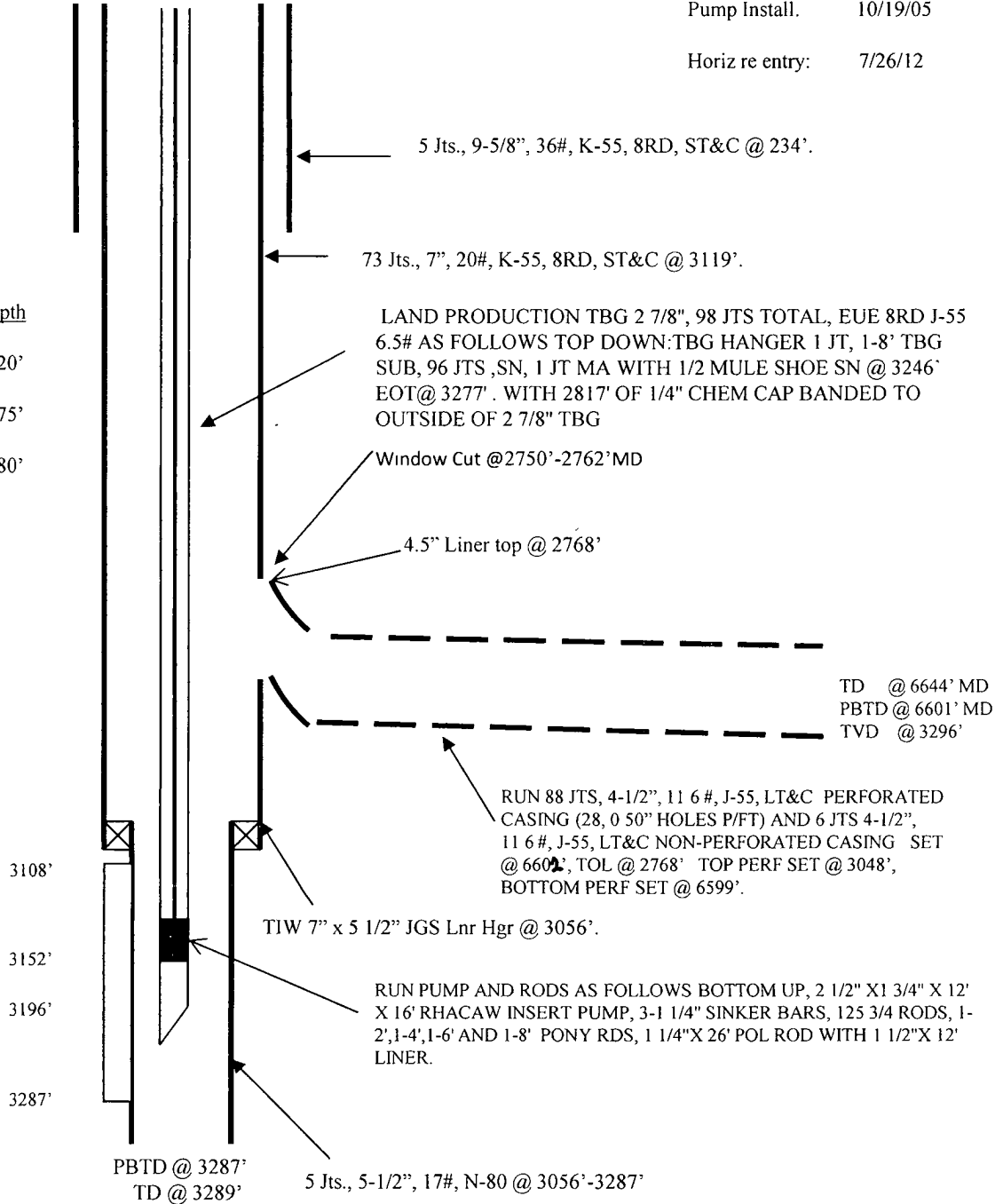
SHL: 1855' FSL & 1046' FWL
NE/4 SE/4 Sec 29(L), T31N, R05W
BHL: 163' FSL & 674' FWL
SW/4 SW/4 Sec 20 (M), T31N, R-05W
Rio Arriba, New Mexico

Elevation: 6438' GR
API # 30-039-24496

Pumping Unit
Lufkin C114D-143-74

Spud: 10/05/90
Completed: 04/23/91
First Delivery: 05/12/93
Cavitated: 11/27/99
Re-Cavitated: 11/13/02
Pump Install: 10/19/05
Horiz re entry: 7/26/12

Top	Depth
Ojo Alamo	2520'
Kirtland	2675'
Fruitland	3080'



Hole Size	Casing	Cement	Volume	Top of CMT
12-1/4"	9-5/8", 36#	160 sx	109 Cu. Ft.	Surface
8-3/4"	7", 20#	660 sx	1109 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	NONE		

Lg 7/27/12