

DIST. 3

ROSA UNIT #240A
BASIN FRUITLAND COAL

Surface Location:

1880' FSL and 895' FEL
NW/4 SE/4 Sec 1 (J), T31N, R6W
Rio Arriba, NM

Bottom Hole Location:

1880' FSL and 2395' FWL
NE/4 SW/4 Sec 1 (K), T31N, R6W
Rio Arriba, NM

Elevation: 6358' GR
API # 30-039-30110

Spud: 07/12/08

Completed: 08/29/08

1st Delivered: 09/03/08

Top	MD	TVD
Ojo Alamo	2,627'	2,427'
Kirtland	2,783'	2,562'
Fruitland	3,239'	2,957'

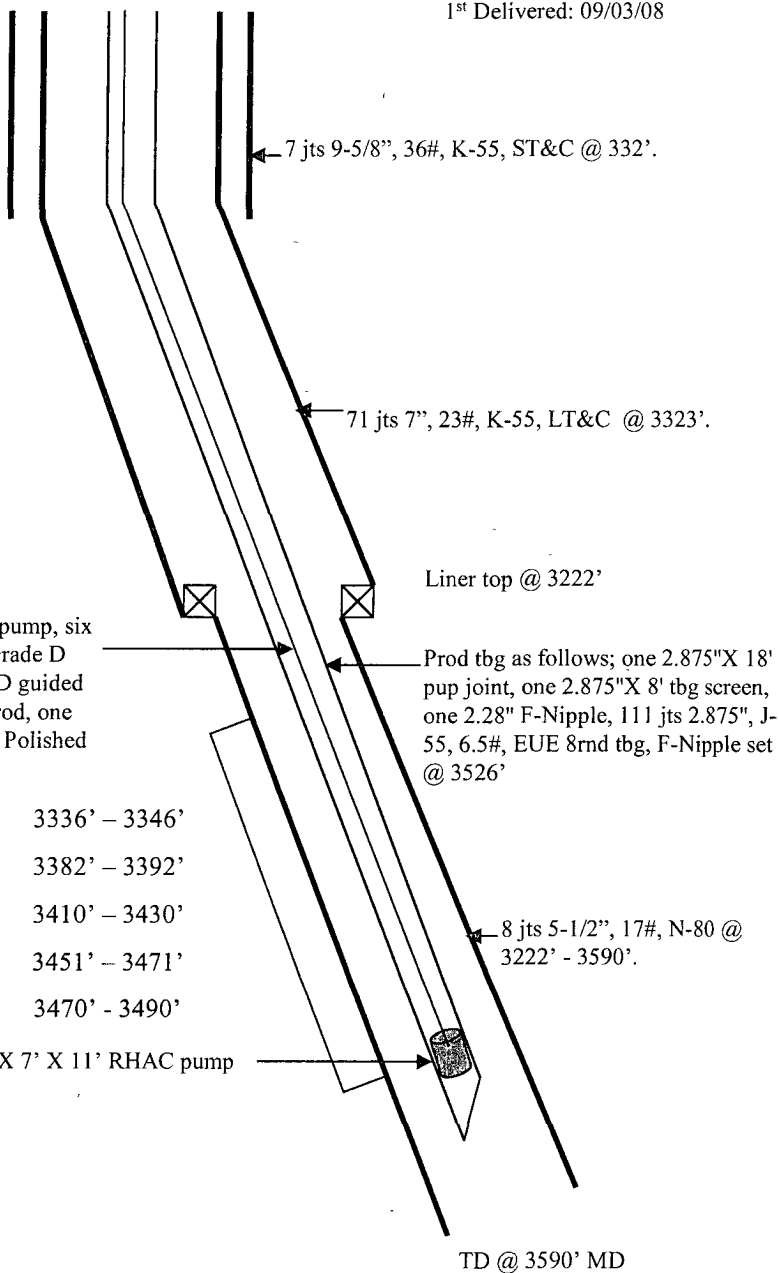
One 4' X 1" gas anchor, one 1 1/4" insert pump, six Norris 3/4" X 1.5" sinker bars, fifty 3/4" Grade D non guided rods, Eighty three 3/4" Grade D guided rods, one 8', one 6', one 4' & one 2' pony rod, one 3/4" Grade D guided rod, one 1 1/4" X 16' Polished rod w/ 1 1/2" X 8' liner

0.54", 4SPF
320 holes total

3336' - 3346'
3382' - 3392'
3410' - 3430'
3451' - 3471'
3470' - 3490'

2-1/2" X 1-1/4" X 7' X 11' RHAC pump

Open hole from 6-1/4" to 9-1/2"
from 3330' to 3590'



Hole Size	Casing	Cement	Volume	Top of Cmt
12-1/4"	9-5/8", 36#	150 sxs	213 cu.ft.	Surface
8-3/4"	7", 23#	510 sxs	1028 cu.ft.	Surface
6-1/4"	5-1/2", 17#	Did Not Cmt		