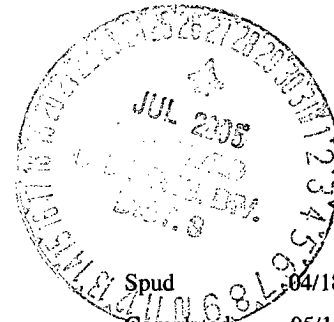


**ROSA UNIT #363
BASIN FRUITLAND COAL**



Location:

1105' FNL and 795' FEL
NE/4 NE/4 Sec 17A, T31N R5W
Rio Arriba, New Mexico
Elevation: 6305' GR

API #: 30-039-26683

KB=16.5'

Spud 04/18/01
Completed 05/16/01
Initial Delivery 08/29/01
Pumping Unit: 04/20/05

Surface: 5 jts 9-5/8", 36#, K-55, USS, 8rd csg @ 251'.
Cemented with 130 sx cmt

Top	Depth
Ojo Alamo	2430'
Kirtland	2535'
Fruitland	2925'
Pictured Cliffs	3145'

Liner Top @ 2907'

Intermediate: 65 jts 7", 20#, K-55, 8rd, USS csg @ 2995'. Cemented with 485 sx cmt

Perforations

All 4SPF, 0.86" Diameter

3011' - 3014, 12 holes

3035' - 3036', 4 holes

3062' - 3068', 24 holes

3116' - 3118', 8 holes

3122' - 3128', 24 holes

3130' - 3142', 48 holes

120 total holes

Tubing: All 2-3/8", 4.7#, J-55, EUE, 8RD: Top to Bottom: 1 Jt., 10' Sub., 2' Sub., 98 Jts., 1.78" "F" Nipple, Mud Anchor. 99 Jts. Total. "F" Nipple @ 3110'. Mud Anchor @ 3138'.

Rods: All Norris, 3/4", Type 54, Grade "D", Slick. Top to Bottom: 1-1/4" x 22' Polished Rod, 1-1/2" x 10' Polished Rod Liner, 4', 6', & 8' Ponies, 123, 4' Pony.

Pump: 2" x 1-1/4" x 8' x 12' RHAC-Z, 1" x 6' Dip Tube

Liner: 5 jts 5-1/2", 17#, N-80, 8rd, @ 3142'.
Did not cement

PBTD 3142'
TD 3143'

Last Depth Reached: 3142'

Hole Size	Casing	Cement	Top of CMT
12-1/4"	9-5/8", 36#	130 sx	Surface
8-3/4"	7", 20#	485 sx	Surface
6-1/4"	5-1/2", 17#	Did not cmt	N/A