

**ROSA UNIT #240
FRUITLAND COAL**

Location:

1900' FSL and 900' FEL
NW/4 SE/4 Sec 01J, T31N R6W
Rio Arriba, New Mexico
Elevation: 6346' GR

API #: 30-039-25031

K.B. = 13'

Spud date : 10/22/90

ID date: 10/28/93

Cavitated: 05/91 & 8/99

Pumping Unit: 4/15/2005

Surface: 7 jts 9-5/8", 36#, K-55, 8rd, ST&C csg. Landed @ 304'

Top	Depth
Ojo Alamo	2435'
Kirtland	2530'
Fruitland	2975'

TIW liner hanger. TOL @ 2967'

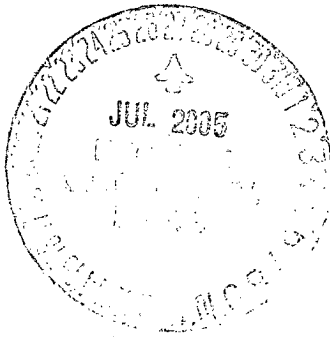
Intermediate: 69 jts 7", 20#, K-55, 8rd, ST&C csg. Landed @ 3011'.

Tubing: All 2-3/8", 4.7#, J-55, EUE, 8RD.
Top to Bottom: 1 Jts., 4' Sub, 8' Sub, 10' Sub.,
99 Jts., 1.78" "F" Nipple, Mud Anchor. 100 Jts.
Total "F" Nipple @ 3163', Mud Anchor @ 3190'

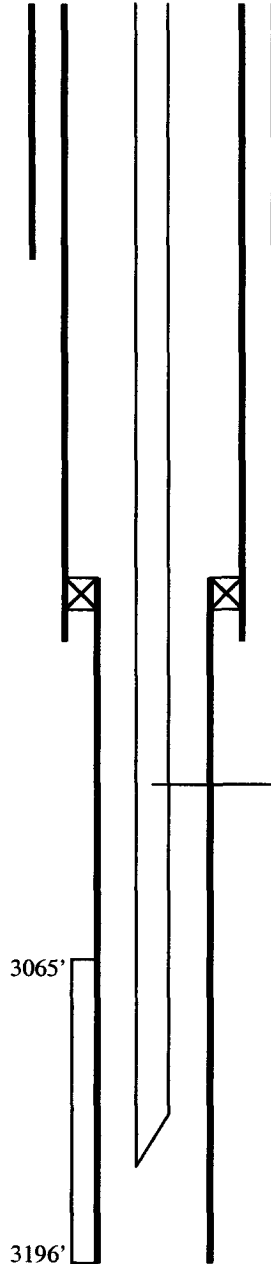
Rods: All 3/4". Top to Bottom: 1.25" x 22'
Polish Rod, 1.5" x 10' Polish Rod Liner,
2', 4', 6' & 8' ponies, 125, 4' pony.

Pump: 2" x 1 -1/4" x 8' x 12' RHAC-Z w/
Top Hold Down

Liner: 5 jts 5-1/2", 17#, N-80 csg w/ LA set
shoe on bottom. Landed @ 3196'.



Perforations: Bottom Three Joints of
Liner Pre-perforated: 3065'-3196',
4SPF, No Other Information



PBTD@3196
TD @ 3197'

Last Reached Depth: 3193'

Hole Size	Casing	Cement	Volume	Top Of CMT
12-1/4"	9-5/8", 36#	240 sx	276 cu. ft.	surface
8-3/4"	7", #20	630 sx	1056 cu. ft.	surface
6-1/4"	5-1/2", 17#	n/a	n/a	n/a