

ROSA UNIT #232 **BASIN FRUITLAND COAL**

K.B. =12'

Location:

1310' FSL and 985' FWL
 SW/4 SWNE/4 Sec 20(M), T31N, R5W
 Rio Arriba, New Mexico
 Elevation: 6330' GR

API # 30-039-24643

Spud: 08/27/90
 Completed: 05/02/91
 First Delivered: 02/20/93
 Re-cavitated 11/09/99
 Pumping Unit: 5/13/05

Top	Depth
Ojo Alamo	2490'
Kirtland	2580'
Fruitland	2930''

Surface: 5 jts, 9-5/8", 36#, K-55, 8rd, STC @ 226'

TIW 7" x 5-1/2" JGS liner. TOL @ 2905'

Intermediate: 70jts, 7", 23#, K-55, 8rd, STC @ 3030'

Tubing: All 2-3/8", 4.7#, J-55, EUE, 8RD.
 Top to Bottom: 1 Jt., 6' Sub, 99 Jts, 1.78" "F"
 Nipple, Mud Anchor. 100 Jts. Total, "F"
 Nipple @ 3146', Mud Anchor @ 3175'

Rods: All Norris, 3/4", Type 54, Grade "D",
 Slick. Top to bottom: 1-1/4" x 22' Polish
 Rod, 1-1/2" x 10' Polished Rod Liner, 125,
 4' Pony.

Pump: Harbison Fisher 2" x 1-1/4" x 7' x
 11' x 11'3" RHAC-Z, 1" x 6' Dip Tube

Liner: 6 jts, 5-1/2", 17#, N-80 @ 3198'; Bottom to
 Top: Jts. 1, 2, & 4 pre-perforated

Last Depth Reached: 3176'

PBTD @ 3176'
 TD @ 3198'

Hole Size	Casing	Cement	Volume	Top of Cmt
12-1/4"	9-5/8", 36#	160 sx	189 cu. ft.	Surface
8-3/4"	7", 20#	671 sx	1112 cu. ft.	200'
6-1/4"	5-1/2", 17#	Did not cement	N/A	N/A

Xander Buck 06/30/05

