



ROSA UNIT #229A BASIN FRUITLAND COAL

Spud 06/03/05
Completed 11/11/05
1st Delivery 11/21/05

Location:
1225' FNL and 1975' FWL
NE/4 NW/4 Sec 29(C), T31N, R5W
Rio Arriba, New Mexico

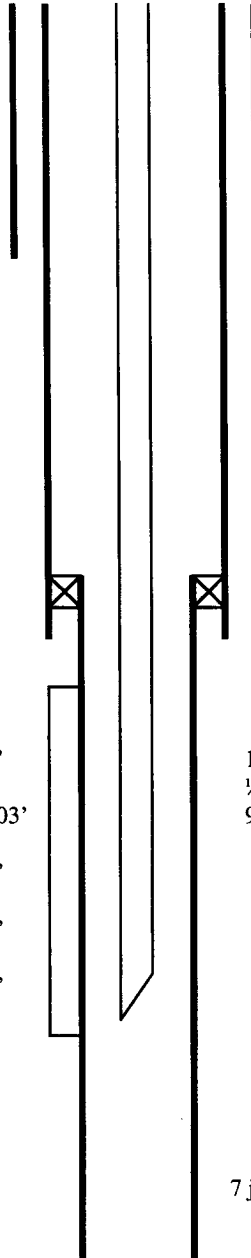
Elevation: 6370' GR
API # 30-039-29493

Top	Depth
Ojo Alamo	2515'
Kirtland	2625'
Fruitland	2995'
Pictured Cliffs	3240'

4 SPF, 300 holes total,
0.48" dia.

3086' - 91'
3098' - 3103'
3116' - 21'
3154' - 69'
3182' - 92'
3205' - 40'

Open hole from 6-1/4" to 9-1/2"
from 3085' to 3336'



7 jts 9-5/8", 36#, K-55, ST&C @ 315'

68 jts 7", 20#, K-55 LT&C @ 3075'

Liner top @ 3010'

100 jts 2-7/8", 6.5#, J-55 tbg @ 3278' as follows:
1/2" mule shoe, 1 jt tbg, 2.25" "F" nipple @ 3243',
99 jts tbg.

7 jts 5-1/2", 17#, N-80 @ 3010' - 3336'

TD @ 3336'

Hole Size	Casing	Cement	Volume	Top of Cmt
12-1/4"	9-5/8", 36#	160 sx	226 cu. ft.	Surface
8-3/4"	7", 20#	450 sx	912 cu. ft.	580'
6-1/4"	5-1/2", 17#	Did Not Cmt		