

RCVD OCT23'06  
OIL CONS. DIV.  
DIST. 3

# ROSA UNIT #362 BASIN FRUITLAND COAL

## Surface Hole Location:

1625' FSL and 1560' FWL  
NE/4 SW/4 Sec 36(K), T31N, R05W  
Rio Arriba, NM

## Bottom Hole Location:

1610' FSL & 1564' FWL  
NE/4 SW/4 Sec 36(K), T31N, R05W  
Rio Arriba, NM

Elevation: 6802' GR  
API: 30-039-29672

Spud: 04/25/06

Completed: 09/13/06

1st Delivery: 08/17/06

| Top          | MD    |
|--------------|-------|
| Ojo Alamo    | 2928' |
| Kirtland     | 3138' |
| Fruitland    | 3433' |
| Base of Coal | 3629' |

Top of Whipstock @ 3444'

5 jts 9-5/8", 36#, K-55 csg. Set @ 224'.

TOL @ 3434'

CIBP @ 3455'

Sidetrack hole from 3444' - 3453'.  
Undereamed from 6-1/4" to 9-1/2"  
from 3459' to 3722'

117 jts 2-7/8", 6.5#, J-55 tbq @ 3627' as  
follows: 1/2" mule shoe, 1 jt tbq, 2.25" "F"  
nipple @ 3597', 116 jts tbq.

87 jts 7", 23#, K-55, LT&C csg @ 3502'.  
Float insert @ 3501'

35 sxs Type III Neat  
cmt @ 3577'

Open Hole to 3580'

3545'

3555'

300, 0.54" holes

3570'

3635'

5 jts 5-1/2", 17#,  
N-80 csg @  
3434' - 3640'.

New TD 3722'

| Hole Size | Casing      | Cement      | Volume      | Top of Cmt |
|-----------|-------------|-------------|-------------|------------|
| 12-1/4"   | 9-5/8", 36# | 190 sx      | 268 cu.ft.  | Surface    |
| 8-3/4"    | 7", 23#     | 520 sx      | 1057 cu.ft. | Surface    |
| 6-1/4"    | 5-1/2", 17# | Did Not Cmt |             |            |

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