

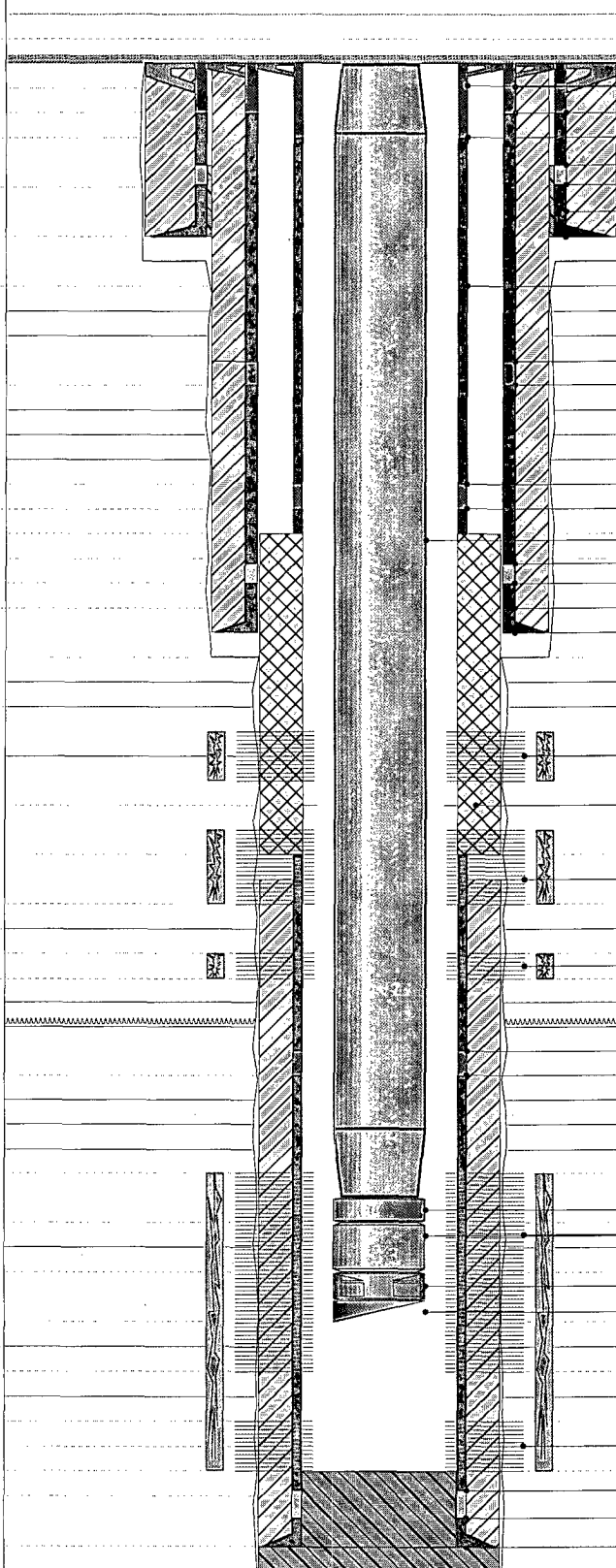
|                                  |                                           |                                     |                            |                                     |
|----------------------------------|-------------------------------------------|-------------------------------------|----------------------------|-------------------------------------|
| District<br>SOUTH                | Field Name<br>MV/DK COM                   | API / UWI<br>3003930884             | County<br>RIO ARRIBA       | State/Province<br>NEW MEXICO        |
| Original Spud Date<br>12/27/2010 | Surface Legal Location<br>006-027N-007W-C | East/West Distance (ft)<br>1,793.00 | East/West Reference<br>FWL | North/South Distance (ft)<br>962.00 |
|                                  |                                           |                                     |                            | North/South Reference<br>FNL        |

Well Config: DEVIATED - Original Hole, 5/4/2011 4:51:39 AM

Schematic - Actual

ftKB (MD)

0  
1  
15  
16  
18  
52  
200  
202  
232  
233  
238  
609  
2,000  
2,095  
2,454  
2,457  
2,652  
2,974  
3,152  
3,393  
3,403  
3,620  
3,810  
3,811  
3,849  
3,850  
3,868  
3,937  
4,514  
4,644  
4,737  
4,826  
4,920  
4,982  
5,090  
5,100  
5,220  
5,232  
5,246  
5,653  
5,676  
6,386  
7,074  
7,085  
7,160  
7,219  
7,276  
7,278  
7,325  
7,327  
7,355  
7,357  
7,358  
7,359  
7,391  
7,404  
7,412  
7,417  
7,444  
7,470  
7,470  
7,471  
7,472  
7,475



- 3-1, Casing Hanger, 4 1/2, 4,000, 15, 1.0
- 2-1, Casing Hanger, 7, 6,366, 15, 1.0
- 2-2, Casing Pup Joint, 7, 6,366, 16, 2.0
- 1-1, CASING HANGER, 9 5/8, 9,001, 15, 3.1
- 3-2, Casing Pup Joint, 4 1/2, 4,000, 16, 36.2
- 1-2, CASING JOINTS, 9 5/8, 9,001, 18, 182.5
- 1-3, FLOAT COLLAR, 9 5/8, 9,001, 201, 1.0
- 1-4, CASING JOINTS, 9 5/8, 9,001, 202, 30.5
- 1-5, SAW TOOTH COLLAR, 9 5/8, 9,001, 232, 0.9
- 3-3, Casing Joints, 4 1/2, 4,000, 52, 556.7
- 2-3, Casing Joints, 7, 6,366, 18, 2,436.2
- 2-4, Stage Tool, 7, 6,366, 2,454, 3.1
- 3-4, Casing Joints, 4 1/2, 4,000, 609, 2,784.1
- 3-5, Marker Joint, 4 1/2, 4,000, 3,393, 9.9
- 2-1, Tubing, 2 3/8, 1,995, 15, 7,310.5
- 2-5, Casing Joints, 7, 6,366, 2,457, 1,353.2
- 2-6, Float Collar, 7, 6,366, 3,811, 0.6
- 2-7, Casing Joints, 7, 6,366, 3,811, 37.9
- 2-8, Float Shoe, 7, 6,366, 3,849, 0.8
- Perforated, 4,644-4,826, 4/4/2011
- Squeezed Perfs, 4,920, 3/21/2011
- Perforated, 4,982-5,220, 4/4/2011
- Perforated, 5,246-5,653, 4/1/2011
- 3-6, Casing Joints, 4 1/2, 4,000, 3,403, 3,671.7
- 3-7, Marker Joint, 4 1/2, 4,000, 7,075, 10.0
- 2-2, Tubing Marker Pup, 2 3/8, 1,995, 7,325, 2.0
- Perforated, 7,278-7,404, 3/15/2011
- 2-3, Tubing, 2 3/8, 1,995, 7,327, 29.8
- 2-4, Profile Nipple, 2 3/8, 1,780, 7,357, 0.8
- 2-5, Mule Shoe Expendable Check, 2 3/8, 1,780, 7,358, 0.9
- Perforated, 7,417-7,470, 3/15/2011
- 3-8, Casing Joints, 4 1/2, 4,000, 7,085, 385.8
- 3-9, Float Collar, 4 1/2, 4,000, 7,470, 0.7
- 3-10, Float Shoe, 4 1/2, 4,000, 7,471, 0.8

