

|                                 |                                           |                                     |                              |                                     |                              |
|---------------------------------|-------------------------------------------|-------------------------------------|------------------------------|-------------------------------------|------------------------------|
| District<br>NORTH               | Field Name<br>MV/DK COM                   | County<br>SAN JUAN                  | State/Province<br>NEW MEXICO | API / UWI<br>3004535151             |                              |
| Original Spud Date<br>7/29/2011 | Surface Legal Location<br>035-031N-009W-B | East/West Distance (ft)<br>1,406.00 | East/West Reference<br>FEL   | North/South Distance (ft)<br>695 00 | North/South Reference<br>FNL |

Well Config: VERTICAL - Original Hole, 10/27/2011 7:13:02 AM

| ftKB (MD) | ftKB (TVD) | Schematic - Actual                           | Frm Final                   |
|-----------|------------|----------------------------------------------|-----------------------------|
| 0         |            |                                              |                             |
| 15        |            |                                              |                             |
| 16        |            |                                              |                             |
| 18        |            |                                              |                             |
| 18        |            |                                              |                             |
| 40        |            |                                              |                             |
| 68        |            |                                              |                             |
| 198       | 198        |                                              |                             |
| 200       | 200        |                                              |                             |
| 230       | 230        |                                              |                             |
| 231       | 231        | Surface, 9 5/8, 9 001; 15, 216.0             | RCVD OCT 28 '11             |
| 236       | 236        |                                              | OIL COM. INT.               |
| 1,503     | 1,503      |                                              | OJO ALAMO, 1,503            |
| 1,625     | 1,625      |                                              | KIRTLAND, 1,625             |
| 2,399     | 2,399      |                                              |                             |
| 2,402     | 2,401      |                                              |                             |
| 2,441     | 2,441      |                                              | FRUITLAND, 2,441            |
| 2,799     | 2,798      |                                              | PICTURED CLIFFS, 2,799      |
| 2,934     | 2,934      |                                              | LEWIS, 2,934                |
| 3,001     | 3,001      |                                              |                             |
| 3,002     | 3,002      |                                              |                             |
| 3,046     | 3,045      |                                              |                             |
| 3,048     | 3,047      | Intermediate 1, 7, 6,456,-15, 3,032.6        |                             |
| 3,060     | 3,060      |                                              |                             |
| 3,496     | 3,496      |                                              |                             |
| 3,509     | 3,508      |                                              |                             |
| 3,513     | 3,513      |                                              | HUERFANITO BENTONITE, 3,513 |
| 3,585     | 3,584      |                                              | CHACRA, 3,585               |
| 4,322     | 4,321      |                                              | UPPER CLIFF HOUSE, 4,322    |
| 4,603     | 4,602      |                                              | MASSIVE CLIFF HOUSE, 4,603  |
| 4,658     | 4,657      |                                              | MENEFEE, 4,658              |
| 5,047     | 5,046      |                                              | POINT LOOKOUT, 5,047        |
| 5,090     | 5,089      |                                              |                             |
| 5,359     | 5,358      |                                              | MANCOS, 5,359               |
| 6,320     | 6,318      |                                              | UPPER GALLUP, 6,320         |
| 6,969     | 6,966      |                                              |                             |
| 6,979     | 6,976      |                                              |                             |
| 7,043     | 7,041      |                                              | GREENHORN, 7,043            |
| 7,098     | 7,096      |                                              | GRANEROS, 7,098             |
| 7,161     | 7,159      |                                              | TWO WELLS, 7,161            |
| 7,162     | 7,160      |                                              |                             |
| 7,235     |            |                                              | PAGUATE, 7,235              |
| 7,266     |            | PERF - DAKOTA UPPER, 7,162-7,372, 10/21/2011 | UPPER CUBERO, 7,266         |
| 7,289     |            |                                              | LOWER CUBERO, 7,289         |
| 7,350     |            |                                              | ENCINAL, 7,350              |
| 7,372     |            |                                              |                             |
| 7,389     |            |                                              |                             |
| 7,391     |            |                                              |                             |
| 7,410     |            | PERF - OTHER, 7,410-7,428, 10/19/2011        |                             |
| 7,428     |            |                                              |                             |
| 7,429     |            |                                              |                             |
| 7,448     |            |                                              |                             |
| 7,448     |            |                                              |                             |
| 7,467     |            |                                              |                             |
| 7,468     |            | Production 1, 4 1/2, 4-000; 15, 7,453 0      |                             |
| 7,470     |            |                                              |                             |