

|                                |                                           |                                     |                              |                                       |                              |
|--------------------------------|-------------------------------------------|-------------------------------------|------------------------------|---------------------------------------|------------------------------|
| District<br>NORTH              | Field Name<br>MV/DK COM                   | County<br>RIO ARRIBA                | State/Province<br>NEW MEXICO | API / UWI<br>3003930958               |                              |
| Original Spud Date<br>5/4/2011 | Surface Legal Location<br>014-030N-006W-J | East/West Distance (ft)<br>1,475 00 | East/West Reference<br>FEL   | North/South Distance (ft)<br>1,980 00 | North/South Reference<br>FSL |

Well Config: DEVIATED - Original Hole, 8/10/2011 12:22:29 PM

| ftKB (MD) | ftKB (TVD) | Schematic - Actual                                                           | Frm Final                   |
|-----------|------------|------------------------------------------------------------------------------|-----------------------------|
| 0         |            |                                                                              |                             |
| 18        |            |                                                                              |                             |
| 202       |            |                                                                              |                             |
| 234       |            | Surface, 9 5/8, 9.001, 15, 218.6 -                                           |                             |
| 1,049     | 1,030      |                                                                              |                             |
| 2,450     | 2,255      |                                                                              | OJO ALAMO, 2,450            |
| 2,540     | 2,332      | SQUEEZE PERFS, 2,537-2,540, 5/15/2011                                        |                             |
| 2,860     | 2,608      |                                                                              | KIRTLAND, 2,654             |
| 2,900     | 2,643      |                                                                              |                             |
| 3,445     | 3,137      |                                                                              | FRUITLAND, 2,966            |
| 3,830     | 3,510      |                                                                              | PICTURED CLIFFS, 3,445      |
| 4,125     | 3,804      |                                                                              | LEWIS, 3,548                |
| 4,169     | 3,848      |                                                                              |                             |
| 4,172     | 3,851      | Intermediate1, 7, 6 366, 15, 4,153 8                                         |                             |
| 4,190     | 3,869      |                                                                              | HUERFANITO BENTONITE, 4,172 |
| 4,530     | 4,209      |                                                                              | CHACRA, 4,530               |
| 4,982     | 4,661      | PERF - LEWIS, 4,540-5,035, 7/12/2011<br>SQUEEZE PERFS, 4,982-4,985, 7/6/2011 |                             |
| 5,035     | 4,714      |                                                                              |                             |
| 5,368     | 5,047      | PERF - CLIFF HOUSE / MENELEE UPPER, 5,076-5,416, 7/12/2011                   |                             |
| 5,416     | 5,095      |                                                                              | MASSIVE CLIFF HOUSE, 5,368  |
| 5,580     | 5,259      |                                                                              | MENELEE, 5,397              |
| 5,652     | 5,331      | SQUEEZE PERFS, 5,650-5,652, 6/30/2011                                        |                             |
| 5,720     | 5,399      | PERF - POINT LOOKOUT / MENELEE LOWER, 5,443-6,024, 7/11/2011                 |                             |
| 6,058     | 5,737      |                                                                              | POINT LOOKOUT, 5,696        |
| 7,578     | 7,257      |                                                                              | MANCOS, 6,058               |
| 7,661     | 7,340      |                                                                              | UPPER GALLUP, 6,956         |
| 7,827     | 7,506      |                                                                              |                             |
| 7,840     | 7,519      |                                                                              | GREENHORN, 7,661            |
| 7,847     | 7,526      |                                                                              | GRANEROS, 7,712             |
| 7,878     | 7,557      | PERF - DAKOTA, 7,829-7,922, 6/27/2011                                        |                             |
| 7,881     | 7,559      |                                                                              | TWO WELLS, 7,827            |
| 7,922     | 7,601      |                                                                              | PAGUATE, 7,840              |
| 7,958     | 7,637      | PERF - DAKOTA LOWER, 7,954-7,958, 6/23/2011                                  |                             |
| 7,969     | 7,648      |                                                                              | UPPER CUBERO, 7,852         |
| 7,989     |            |                                                                              | LOWER CUBERO, 7,884         |
| 7,992     |            | Production1, 4-1/2, 4,000, 15, 7,975.0                                       |                             |

RCVD AUG 16 '11  
OIL CONS. DIV.  
DIST. 3