

|                                 |                                           |                                     |                              |                                     |                              |
|---------------------------------|-------------------------------------------|-------------------------------------|------------------------------|-------------------------------------|------------------------------|
| District<br>NORTH               | Field Name<br>MV/DK COM                   | County<br>SAN JUAN                  | State/Province<br>NEW MEXICO | API / UWI<br>3004535368             |                              |
| Original Spud Date<br>9/28/2012 | Surface Legal Location<br>015-031N-011W-O | East/West Distance (ft)<br>1,930 00 | East/West Reference<br>FEL   | North/South Distance (ft)<br>299 00 | North/South Reference<br>FSL |

Well Config: DEVIATED - Original Hole, 11/9/2012 6:38:43 AM

| ftKB (MD) | ftKB (TVD) | Schematic - Actual                           | Frm Final                   |
|-----------|------------|----------------------------------------------|-----------------------------|
| 15        |            |                                              |                             |
| 16        |            |                                              |                             |
| 18        |            |                                              |                             |
| 18        |            |                                              | RCVD NOV 9 '12              |
| 25        |            |                                              | OIL CONS. DIV.              |
| 64        |            |                                              | DIST. 3                     |
| 94        |            |                                              |                             |
| 195       |            |                                              |                             |
| 196       |            |                                              |                             |
| 226       |            |                                              |                             |
| 227       |            | Surface, 9 5/8, 9,001, 15, 212 0             |                             |
| 232       |            |                                              |                             |
| 387       | 387        |                                              |                             |
| 879       | 873        |                                              | OJO ALAMO, 879              |
| 969       | 959        |                                              | KIRTLAND, 969               |
| 2,213     | 2,071      |                                              | FRUITLAND, 2,213            |
| 2,716     | 2,534      |                                              | PICTURED CLIFFS, 2,716      |
| 2,870     | 2,677      |                                              | LEWIS, 2,870                |
| 3,427     | 3,198      |                                              |                             |
| 3,438     | 3,209      |                                              |                             |
| 3,458     | 3,228      |                                              | HUERFANITO BENTONITE, 3,458 |
| 3,750     | 3,505      |                                              |                             |
| 3,846     | 3,597      |                                              | CHACRA, 3,846               |
| 4,386     | 4,131      |                                              | MASSIVE CLIFF HOUSE, 4,386  |
| 4,584     | 4,329      |                                              | MENEFEE, 4,584              |
| 4,697     | 4,442      |                                              |                             |
| 4,698     | 4,442      |                                              |                             |
| 4,741     | 4,485      |                                              |                             |
| 4,741     | 4,486      | Intermediate1, 7, 6'366, 15, 4,726.5         |                             |
| 4,761     |            |                                              |                             |
| 5,026     |            |                                              |                             |
| 5,028     |            | PERF - POINT LOOKOUT, 5,026-5,308, 11/5/2012 | POINT LOOKOUT, 5,028        |
| 5,308     |            |                                              |                             |
| 5,390     |            |                                              | MANCOS, 5,390               |
| 6,349     |            |                                              | UPPER GALLUP, 6,349         |
| 6,893     |            |                                              |                             |
| 6,906     |            |                                              |                             |
| 6,959     |            |                                              |                             |
| 6,961     |            |                                              |                             |
| 7,043     |            |                                              | GREENHORN, 7,043            |
| 7,096     |            |                                              | GRANEROS, 7,096             |
| 7,152     |            |                                              | TWO WELLS, 7,152            |
| 7,154     |            |                                              |                             |
| 7,233     |            | PERF - DAKOTA, 7,154-7,318, 11/5/2012        | PAGUATE, 7,233              |
| 7,266     |            |                                              | CUBERO, 7,266               |
| 7,301     |            |                                              | ENCINAL, 7,301              |
| 7,318     |            |                                              |                             |
| 7,333     |            |                                              |                             |
| 7,338     |            |                                              |                             |
| 7,338     |            |                                              |                             |
| 7,339     |            | Production1, 4 1/2, 4,000, 15, 7,323.8       |                             |
| 7,343     |            |                                              |                             |

# Final Tops

TO: Records & Regulatory  
FROM: Sharon Nez

DATE: 10/11/2012  
LOCATION: Farmington, N.M.

## Final Geologic Summary

Well Name & No.: Neil A 2B API: 3004535368

Location: SE Section 15 Twp. 31N Rge. 11W

County & State: San Juan, New Mexico

Elevation: GL: 5864' KB: 5879'

Tops From: X Wireline Log X Mudlog      Correlation

|                                   |                                  |                                 |
|-----------------------------------|----------------------------------|---------------------------------|
| Ojo Alamo <u>879'</u>             | Chacra <u>3846'</u>              | Greenhorn <u>7043'</u>          |
| Kirtland <u>969'</u>              | Upper Cliff House <u>4266'</u>   | Graneros <u>7096'</u>           |
| Fruitland <u>2213'</u>            | Massive Cliff House <u>4386'</u> | Dakota (Two Wells) <u>7152'</u> |
| Pictured Cliffs <u>2716'</u>      | Menefee <u>4584'</u>             | Paguate <u>7233'</u>            |
| Lewis <u>2870'</u>                | Point Lookout <u>5028'</u>       | Upper Cubero <u>7266'</u>       |
| Huerfanito Bentonite <u>3458'</u> | Mancos <u>5390'</u>              | Lower Cubero <u>7266'</u>       |
|                                   | Upper Gallup <u>6349'</u>        | Oak Canyon <u>n/a</u>           |
|                                   |                                  | Encinal <u>7301'</u>            |
|                                   |                                  | Burro Canyon <u>nde</u>         |
|                                   |                                  | Morrison <u>    </u>            |
|                                   |                                  | OHTD <u>7343'</u>               |
|                                   |                                  | LTD <u>7333'</u>                |

Electric Logs Run: Gamma Ray/CCL Acoustic Cement Bond Log

Well Cored? X No      Yes

Well DST'd? X No      Yes

Geologist: Sharon Nez