

# Deviation Report

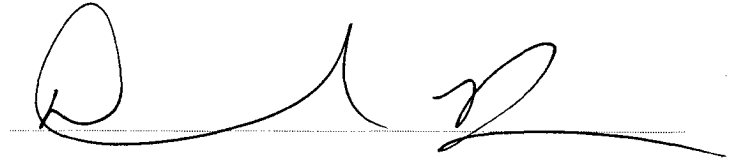
|                                                                                     |                                                       |                                       |
|-------------------------------------------------------------------------------------|-------------------------------------------------------|---------------------------------------|
| <b>Name of Company</b><br>Burlington Resources Oil & Gas Company                    | <b>Address</b><br>P.O. Box 4289, Farmington, NM 87499 |                                       |
| <b>Lease Name and Number (API Number)</b><br>SAN JUAN 27-4 UNIT #40M (30-039-29373) | <b>Location</b><br>-360 FSL 1550 FEL                  | <b>Sec. Twn. Rge.</b><br>06-027N-004W |
| <b>Pool and Formation</b><br>BASIN DAKOTA                                           | <b>County</b><br>RIO ARriba                           | <b>State</b><br>NEW MEXICO            |

(OH)

| <u>Depth (ft)</u> | <u>Deviation (degrees)</u> |
|-------------------|----------------------------|
| 60                | 0.75                       |
| 120               | 0.75                       |
| 614               | 1.00                       |
| 1,112             | 0.75                       |
| 1,835             | 1.25                       |
| 2,057             | 1.00                       |
| 2,554             | 0.25                       |
| 3,054             | 0.75                       |
| 3,525             | 1.50                       |
| 3,967             | 1.50                       |
| 8,250             | 1.25                       |

Air Hammer Used? (YES) NO

I, the undersigned, certify that I, acting in my capacity as Petroleum Engineer for Burlington Resources Oil & Gas Company, am authorized by said Company to make this report; and that this report was prepared under my supervision and directions, and that the facts stated herein are true to the best of my knowledge and belief.



Subscribed and sworn to before me this 11th day of AUGUST, 2006.

  
Notary Public in and for San Juan County, New Mexico  
My commission expires March 20, 2010.



## BURLINGTON RESOURCES OIL &amp; GAS - SJD

## Deviation Summary

|                                           |             |              |                |     |             |             |             |                 |                  |                  |      |
|-------------------------------------------|-------------|--------------|----------------|-----|-------------|-------------|-------------|-----------------|------------------|------------------|------|
| Legal Well Name: SAN JUAN 27-4 UNIT #40M  |             |              |                |     |             |             |             |                 |                  |                  |      |
| Common Well Name: SAN JUAN 27-4 UNIT #40M |             |              |                |     |             |             |             |                 |                  |                  |      |
| Event Name: ORIG DRLG                     |             |              |                |     |             |             |             |                 |                  |                  |      |
| Contractor Name: BEARCAT                  |             |              |                |     |             |             |             |                 |                  |                  |      |
| Rig Name: BEARCAT                         |             |              |                |     |             |             |             |                 |                  |                  |      |
| Spud Date: 5/12/2006                      |             |              |                |     |             |             |             |                 |                  |                  |      |
| Start: 5/12/2006                          |             |              |                |     |             |             |             |                 |                  |                  |      |
| End: 6/1/2006                             |             |              |                |     |             |             |             |                 |                  |                  |      |
| Rig Release: 6/1/2006                     |             |              |                |     |             |             |             |                 |                  |                  |      |
| Rig Number: 4                             |             |              |                |     |             |             |             |                 |                  |                  |      |
| Calculation Method: Minimum Curvature     |             |              |                |     |             |             |             |                 |                  |                  |      |
| TMD: 8,250.00 (ft)                        |             |              |                |     |             |             |             |                 |                  |                  |      |
| TVD: 8,248.19 (ft)                        |             |              |                |     |             |             |             |                 |                  |                  |      |
| S/T #                                     | TMD<br>(ft) | Angle<br>(°) | Azimuth<br>(°) | CTM | TVD<br>(ft) | N/S<br>(ft) | E/W<br>(ft) | Section<br>(ft) | DLS<br>(°/100ft) | BUR<br>(°/100ft) | Type |
| OH                                        | 0.00        | 0.000        | 0.000          | NYN | 0.00        | 0.00        | 0.00        | 0.00            | 0.00             | 0.00             | TC   |
| OH                                        | 60.00       | 0.750        | 0.000          | YNN | 60.00       | 0.39        | 0.00        | 0.39            | 1.25             | 1.25             | TC   |
| OH                                        | 120.00      | 0.750        | 0.000          | YNN | 119.99      | 1.18        | 0.00        | 1.18            | 0.00             | 0.00             | TC   |
| OH                                        | 614.00      | 1.000        | 0.000          | YNN | 613.94      | 8.72        | 0.00        | 8.72            | 0.05             | 0.05             | TC   |
| OH                                        | 1,112.00    | 0.750        | 0.000          | YNN | 1,111.88    | 16.33       | 0.00        | 16.33           | 0.05             | -0.05            | TC   |
| OH                                        | 1,835.00    | 1.250        | 0.000          | YNN | 1,834.76    | 28.94       | 0.00        | 28.94           | 0.07             | 0.07             | TC   |
| OH                                        | 2,057.00    | 1.000        | 0.000          | YNN | 2,056.72    | 33.30       | 0.00        | 33.30           | 0.11             | -0.11            | TC   |
| OH                                        | 2,554.00    | 0.250        | 0.000          | YNN | 2,553.69    | 38.72       | 0.00        | 38.72           | 0.15             | -0.15            | TC   |
| OH                                        | 3,054.00    | 0.750        | 0.000          | YNN | 3,053.67    | 43.09       | 0.00        | 43.09           | 0.10             | 0.10             | TC   |
| OH                                        | 3,525.00    | 1.500        | 0.000          | YNN | 3,524.57    | 52.34       | 0.00        | 52.34           | 0.16             | 0.16             | TC   |
| OH                                        | 3,967.00    | 1.500        | 0.000          | YNN | 3,966.42    | 63.91       | 0.00        | 63.91           | 0.00             | 0.00             | TC   |
| OH                                        | 8,250.00    | 1.250        | 0.000          | YNN | 8,248.19    | 166.68      | 0.00        | 166.68          | 0.01             | -0.01            | TC   |

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