



**COP Deviation Report**  
**SAN JUAN 31-6 UNIT #16F**

|                                              |                                           |                           |                         |                              |
|----------------------------------------------|-------------------------------------------|---------------------------|-------------------------|------------------------------|
| Operator<br>CONOCOPHILLIPS CO                | Legal WellName<br>SAN JUAN 31-6 UNIT #16F | API / UWI<br>300392990400 | County<br>RIO ARRIBA    | State/Province<br>NEW MEXICO |
| Surface Legal Location<br>NMPPM-31N-06W-33-M | N/S Dist (ft)<br>855.00                   | N/S Ref<br>S              | E/W Dist (ft)<br>410.00 | E/W Ref<br>W                 |

| Survey Data |           |          |           |                    |  |
|-------------|-----------|----------|-----------|--------------------|--|
| Date        | MD (ftKB) | Incl (°) | Method    | Survey Company     |  |
| 5/16/2007   | 115.00    | 1.00     | DEVIATION | MO-TE              |  |
| 5/16/2007   | 225.00    | 1.75     | DEVIATION | MO-TE              |  |
| 6/8/2007    | 719.00    | 1.25     | TOTOCO    | AZTEC WELL SERVICE |  |
| 6/9/2007    | 1,219.00  | 0.50     | TOTOCO    | AZTEC WELL SERVICE |  |
| 6/9/2007    | 1,716.00  | 1.00     | TDS       | AZTEC WELL SERVICE |  |
| 6/9/2007    | 2,216.00  | 1.00     | TDS       | AZTEC WELL SERVICE |  |
| 6/9/2007    | 2,716.00  | 1.00     | TDS       | AZTEC WELL SERVICE |  |
| 6/10/2007   | 3,216.00  | 1.00     | TDS       | AZTEC WELL SERVICE |  |
| 6/11/2007   | 3,710.00  | 1.00     | TDS       | AZTEC WELL SERVICE |  |
| 6/12/2007   | 3,750.00  | 1.00     | TOTCO     | AZTEC WELL SERVICE |  |
| 6/12/2007   | 7,906.00  | 1.00     | TOTCO     | PHOENIX SERVICES   |  |
| 6/19/2007   | 8,006.00  | 1.00     | FINAL     | PHOENIX            |  |

RCVD OCT 1 '07  
OIL CONS. DIV.  
DIST. 3

I, the undersigned, certify that I acting in my capacity as DRILLING ENGINEER for ConocoPhillips Company, am authorized by said Company to make this report; and that said 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 me this 25<sup>TH</sup> DAY OF SEPTEMBER 2007

Notary Public in and for San Juan County, New Mexico

My Commission expires Jan 24 2011