



**COP Deviation Report**  
**SAN JUAN 31-6 UNIT #47F**

|                                             |                                           |                           |                           |                              |
|---------------------------------------------|-------------------------------------------|---------------------------|---------------------------|------------------------------|
| Operator<br>CONOCOPHILLIPS CO               | Legal WellName<br>SAN JUAN 31-6 UNIT #47F | API / UWI<br>300392989700 | County<br>RIO ARRIBA      | State/Province<br>NEW MEXICO |
| Surface Legal Location<br>NMPM-31N-06W-32-K | N/S Dist (ft)<br>2,210.00                 | N/S Ref<br>S              | E/W Dist (ft)<br>2,125.00 | E/W Ref<br>W                 |

| Survey Data |           |          |           |                |  |  |
|-------------|-----------|----------|-----------|----------------|--|--|
| Date        | MD (ftKB) | Incl (°) | Method    | Survey Company |  |  |
| 6/22/2007   | 116.00    | 0.75     | DEVIATION | MO-TE          |  |  |
| 6/22/2007   | 216.00    | 1.75     | DEVIATION | MO-TE          |  |  |
| 7/18/2007   | 300.00    | 1.00     | TELEDRIFT | H&P            |  |  |
| 7/18/2007   | 800.00    | 1.00     | TELEDRIFT | H&P            |  |  |
| 7/18/2007   | 1,300.00  | 1.00     | TELEDRIFT | H&P            |  |  |
| 7/18/2007   | 1,800.00  | 2.00     | TELEDRIFT | H&P            |  |  |
| 7/18/2007   | 2,284.00  | 2.00     | TELEDRIFT | H&P            |  |  |
| 7/19/2007   | 2,825.00  | 2.00     | TELEDRIFT | H&P            |  |  |
| 7/20/2007   | 3,585.00  | 1.00     | TELEDRIFT | H&P            |  |  |
| 8/4/2007    | 7,845.00  | 0.50     | FINAL BHS | PHOENIX        |  |  |



I, the undersigned, certify that I acting in my capacity as Phillips 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.

[Signature]

Subscribed and sworn to me this 11-14-07

[Signature]

Notary Public in and for San Juan County, New Mexico

My Commission expires January 10, 2011