



## COP Deviation Report

LIVELY #8M

|                                                       |                              |                         |                         |                              |
|-------------------------------------------------------|------------------------------|-------------------------|-------------------------|------------------------------|
| Operator<br>BURLINGTON RESOURCES OIL &<br>GAS COMPANY | Legal WellName<br>LIVELY #8M | API / UWI<br>3004534511 | County<br>SAN JUAN      | State/Province<br>NEW MEXICO |
| Surface Legal Location<br>SEC.12;TWN.029N;RNG.008W    | N/S Dist (ft)<br>555.00      | N/S Ref<br>FNL          | E/W Dist (ft)<br>610.00 | E/W Ref<br>FWL               |

## Survey Data

| Date     | MD (ftKB) | Incl (°) | Method  | Survey Company |
|----------|-----------|----------|---------|----------------|
| 4/6/2008 | 100.00    | 0.95     | Gyro MS | Gyrodata       |
| 4/6/2008 | 200.00    | 1.18     | Gyro MS | Gyrodata       |
| 3/4/2008 | 215.00    | 0.50     | Incl    | H&P DRILLING   |
| 4/6/2008 | 300.00    | 1.47     | Gyro MS | Gyrodata       |
| 4/6/2008 | 400.00    | 1.60     | Gyro MS | Gyrodata       |
| 3/5/2008 | 496.00    | 1.00     | Incl    | H&P DRILLING   |
| 4/6/2008 | 500.00    | 1.78     | Gyro MS | Gyrodata       |
| 4/6/2008 | 600.00    | 1.79     | Gyro MS | Gyrodata       |
| 4/6/2008 | 700.00    | 1.59     | Gyro MS | Gyrodata       |
| 4/6/2008 | 800.00    | 1.46     | Gyro MS | Gyrodata       |
| 4/6/2008 | 900.00    | 1.45     | Gyro MS | Gyrodata       |
| 4/6/2008 | 1,000.00  | 1.23     | Gyro MS | Gyrodata       |
| 3/5/2008 | 1,081.00  | 1.00     | Incl    | H&P DRILLING   |
| 4/6/2008 | 1,100.00  | 0.88     | Gyro MS | Gyrodata       |
| 4/6/2008 | 1,200.00  | 0.88     | Gyro MS | Gyrodata       |
| 4/6/2008 | 1,300.00  | 0.73     | Gyro MS | Gyrodata       |
| 4/6/2008 | 1,400.00  | 0.59     | Gyro MS | Gyrodata       |
| 3/5/2008 | 1,576.00  | 1.00     | Incl    | H&P DRILLING   |
| 4/6/2008 | 1,600.00  | 0.75     | Gyro MS | Gyrodata       |
| 4/6/2008 | 1,700.00  | 0.77     | Gyro MS | Gyrodata       |
| 4/6/2008 | 1,800.00  | 0.92     | Gyro MS | Gyrodata       |
| 4/6/2008 | 1,900.00  | 0.73     | Gyro MS | Gyrodata       |
| 4/6/2008 | 2,000.00  | 0.65     | Gyro MS | Gyrodata       |
| 3/5/2008 | 2,070.00  | 1.00     | Incl    | H&P DRILLING   |
| 4/6/2008 | 2,100.00  | 0.75     | Gyro MS | Gyrodata       |
| 4/6/2008 | 2,200.00  | 0.62     | Gyro MS | Gyrodata       |
| 4/6/2008 | 2,300.00  | 0.42     | Gyro MS | Gyrodata       |
| 4/6/2008 | 2,400.00  | 0.36     | Gyro MS | Gyrodata       |
| 4/6/2008 | 2,500.00  | 0.33     | Gyro MS | Gyrodata       |
| 3/5/2008 | 2,566.00  | 1.00     | Incl    | H&P DRILLING   |
| 4/6/2008 | 2,600.00  | 0.30     | Gyro MS | Gyrodata       |
| 4/6/2008 | 2,700.00  | 0.28     | Gyro MS | Gyrodata       |
| 4/6/2008 | 2,800.00  | 0.37     | Gyro MS | Gyrodata       |
| 4/6/2008 | 2,900.00  | 0.62     | Gyro MS | Gyrodata       |
| 4/6/2008 | 3,000.00  | 0.37     | Gyro MS | Gyrodata       |

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 16<sup>TH</sup> DAY OF JUNE 2008

RCVD JUN 17 '08  
OIL CONS. DIV.  
DIST. 3

Nancy J. Munroe

Notary Public in and for San Juan County, New Mexico

My Commission expires JUN 24, 2011

### Survey Data

| Date     | MD (ftKB) | Incl (°) | Method  | Survey Company |
|----------|-----------|----------|---------|----------------|
| 3/6/2008 | 3,016.00  | 2.00     | Incl    | H&P DRILLING   |
| 4/6/2008 | 3,100.00  | 0.78     | Gyro MS | Gyrodata       |
| 4/6/2008 | 3,200.00  | 0.82     | Gyro MS | Gyrodata       |
| 4/1/2008 | 3,286.00  | 3.50     | Incl    | TOTCO          |
| 4/6/2008 | 3,300.00  | 3.75     | Gyro MS | Gyrodata       |
| 3/6/2008 | 3,315.00  | 2.00     | Incl    | H&P DRILLING   |
| 4/1/2008 | 3,376.00  | 4.50     | Incl    | TOTCO          |
| 4/6/2008 | 3,400.00  | 4.51     | Gyro MS | Gyrodata       |
| 4/1/2008 | 3,466.00  | 4.50     | Incl    | TOTCO          |
| 4/6/2008 | 3,500.00  | 4.80     | Gyro MS | Gyrodata       |
| 4/1/2008 | 3,556.00  | 6.00     | Incl    | TOTCO          |
| 4/6/2008 | 3,600.00  | 5.32     | Gyro MS | Gyrodata       |
| 4/6/2008 | 3,700.00  | 5.09     | Gyro MS | Gyrodata       |
| 4/1/2008 | 3,736.00  | 6.00     | Incl    | TOTCO          |
| 4/6/2008 | 3,800.00  | 3.55     | Gyro MS | Gyrodata       |
| 4/6/2008 | 3,900.00  | 2.23     | Gyro MS | Gyrodata       |
| 4/6/2008 | 4,000.00  | 1.46     | Gyro MS | Gyrodata       |
| 4/6/2008 | 4,100.00  | 1.03     | Gyro MS | Gyrodata       |
|          | 4,200.00  | 0.74     | Gyro MS | Gyrodata       |
| 4/6/2008 | 4,300.00  | 0.54     | Gyro MS | Gyrodata       |
| 4/6/2008 | 4,400.00  | 0.47     | Gyro MS | Gyrodata       |
| 4/6/2008 | 4,500.00  | 0.47     | Gyro MS | Gyrodata       |
| 4/6/2008 | 4,600.00  | 0.45     | Gyro MS | Gyrodata       |
| 4/6/2008 | 4,700.00  | 0.58     | Gyro MS | Gyrodata       |
| 4/6/2008 | 4,800.00  | 0.61     | Gyro MS | Gyrodata       |
| 4/6/2008 | 4,900.00  | 0.74     | Gyro MS | Gyrodata       |
| 4/6/2008 | 5,000.00  | 0.76     | Gyro MS | Gyrodata       |
| 4/6/2008 | 5,100.00  | 0.93     | Gyro MS | Gyrodata       |
| 4/6/2008 | 5,200.00  | 0.73     | Gyro MS | Gyrodata       |
| 4/6/2008 | 5,300.00  | 0.77     | Gyro MS | Gyrodata       |
| 4/6/2008 | 5,400.00  | 0.62     | Gyro MS | Gyrodata       |
| 4/6/2008 | 5,500.00  | 0.51     | Gyro MS | Gyrodata       |
| 4/6/2008 | 5,600.00  | 0.31     | Gyro MS | Gyrodata       |
| 4/6/2008 | 5,700.00  | 0.23     | Gyro MS | Gyrodata       |
| 4/6/2008 | 5,800.00  | 0.36     | Gyro MS | Gyrodata       |
| 4/6/2008 | 5,900.00  | 0.35     | Gyro MS | Gyrodata       |
| 4/6/2008 | 6,000.00  | 0.38     | Gyro MS | Gyrodata       |
| 4/6/2008 | 6,100.00  | 0.56     | Gyro MS | Gyrodata       |
| 4/6/2008 | 6,200.00  | 0.63     | Gyro MS | Gyrodata       |

I, the undersigned, certify that I acting in my capacity as \_\_\_\_\_ 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 \_\_\_\_\_

Notary Public in and for San Juan County, New Mexico

My Commission expires \_\_\_\_\_

### Survey Data

| Date      | MD (ftKB) | Incl (°) | Method  | Survey Company |
|-----------|-----------|----------|---------|----------------|
| 4/6/2008  | 6,300.00  | 0.52     | Gyro MS | Gyrodata       |
| 4/6/2008  | 6,400.00  | 0.43     | Gyro MS | Gyrodata       |
| 4/6/2008  | 6,500.00  | 0.43     | Gyro MS | Gyrodata       |
| 3/14/2008 | 6,505.00  | 1.50     | Incl    | H&P DRILLING   |
| 4/6/2008  | 6,600.00  | 0.39     | Gyro MS | Gyrodata       |
| 4/6/2008  | 6,700.00  | 0.37     | Gyro MS | Gyrodata       |
| 4/6/2008  | 6,800.00  | 0.48     | Gyro MS | Gyrodata       |
| 4/6/2008  | 6,900.00  | 0.67     | Gyro MS | Gyrodata       |
| 3/14/2008 | 6,998.00  | 2.50     | Incl    | H&P DRILLING   |
| 4/6/2008  | 7,000.00  | 0.81     | Gyro MS | Gyrodata       |
| 4/6/2008  | 7,100.00  | 1.11     | Gyro MS | Gyrodata       |
| 4/6/2008  | 7,200.00  | 0.79     | Gyro MS | Gyrodata       |
| 4/6/2008  | 7,300.00  | 1.40     | Gyro MS | Gyrodata       |
| 4/6/2008  | 7,400.00  | 0.79     | Gyro MS | Gyrodata       |
| 4/6/2008  | 7,500.00  | 0.48     | Gyro MS | Gyrodata       |
| 4/6/2008  | 7,520.00  | 0.36     | Gyro MS | Gyrodata       |

I, the undersigned, certify that I acting in my capacity as \_\_\_\_\_ 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 \_\_\_\_\_

Notary Public in and for San Juan County, New Mexico

My Commission expires \_\_\_\_\_