



2030 AFTON PLACE  
FARMINGTON, N.M. 87401  
(505) 325-6622

ANALYSIS NO. CP110744  
CUST. NO. 18300 - 21640

#### WELL/LEASE INFORMATION

|               |                                  |               |               |
|---------------|----------------------------------|---------------|---------------|
| CUSTOMER NAME | CONOCO PHILLIPS COMPANY          | SOURCE        | BRADENHEAD    |
| WELL NAME     | FLORENCE #41N BHD                | PRESSURE      | 280 PSI G     |
| COUNTY/ STATE | SAN JUAN NM                      | SAMPLE TEMP   | N/A DEG.F     |
| LOCATION      | H SEC 21 T29N R09W               | WELL FLOWING  | Y             |
| FIELD         | LS# SF 080246                    | DATE SAMPLED  | 08/09/2011    |
| FORMATION     |                                  | SAMPLED BY    | MIKE MCKINNEY |
| CUST.STN.NO.  | API# 30-045-35066<br>A02473062SM | FOREMAN/ENGR. | DALE LOCKETT  |

REMARKS H2S = 000 PPM

| ANALYSIS    |         |         |          |         |
|-------------|---------|---------|----------|---------|
| COMPONENT   | MOLE %  | GPM**   | B.T.U.*  | SP.GR * |
| NITROGEN    | 0.854   | 0.0940  | 0.00     | 0.0083  |
| CO2         | 0.002   | 0.0000  | 0.00     | 0.0000  |
| METHANE     | 91.644  | 15.5710 | 925.60   | 0.5076  |
| ETHANE      | 4.978   | 1.3340  | 88.10    | 0.0517  |
| PROPANE     | 1.664   | 0.4590  | 41.87    | 0.0253  |
| I-BUTANE    | 0.298   | 0.0980  | 9.69     | 0.0060  |
| N-BUTANE    | 0.299   | 0.0940  | 9.75     | 0.0060  |
| I-PENTANE   | 0.083   | 0.0300  | 3.32     | 0.0021  |
| N-PENTANE   | 0.059   | 0.0210  | 2.37     | 0.0015  |
| HEXANE PLUS | 0.119   | 0.0530  | 6.27     | 0.0039  |
| TOTAL       | 100.000 | 17.7540 | 1,086.97 | 0.6124  |

\* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

\*\* @ 14.730 PSIA & 60 DEG. F.

|                                     |         |                                         |
|-------------------------------------|---------|-----------------------------------------|
| COMPRESSIBILITY FACTOR (1/Z)        | 1.0025  | GPM, BTU, and SPG calculations as shown |
| BTU/CU.FT (DRY) CORRECTED FOR (1/Z) | 1,092.1 | above are based on current GPA factors. |
| BTU/CU.FT (WET) CORRECTED FOR (1/Z) | 1,073.1 |                                         |
| REAL SPECIFIC GRAVITY               | 0.6136  |                                         |

ANALYSIS RUN AT 14.730 PSIA & 60 DEGREES F

|                  |         |                   |                  |
|------------------|---------|-------------------|------------------|
| DRY BTU @ 14.650 | 1,086.2 | CYLINDER #        | 4070             |
| DRY BTU @ 14.696 | 1,089.6 | CYLINDER PRESSURE | 284 PSIG         |
| DRY BTU @ 14.730 | 1,092.1 | DATE RUN          | 08/09/2011       |
| DRY BTU @ 15.025 | 1,114.0 | ANALYSIS RUN BY   | DAWN BLASSINGAME |



2030 AFTON PLACE  
FARMINGTON, N.M. 87401  
(505) 325-6622

ANALYSIS NO. CP110745  
CUST. NO. 18300 - 21645

### WELL/LEASE INFORMATION

|               |                                  |               |               |
|---------------|----------------------------------|---------------|---------------|
| CUSTOMER NAME | CONOCO PHILLIPS COMPANY          | SOURCE        | CASING        |
| WELL NAME     | FLORENCE #41N CSG                | PRESSURE      | 135 PSI G     |
| COUNTY/ STATE | SAN JUAN NM                      | SAMPLE TEMP   | N/A DEG.F     |
| LOCATION      | H SEC 21 T29N R09W               | WELL FLOWING  | Y             |
| FIELD         | LS# SF 080246                    | DATE SAMPLED  | 08/09/2011    |
| FORMATION     |                                  | SAMPLED BY    | MIKE MCKINNEY |
| CUST.STN.NO.  | API# 30-045-35066<br>A02473062SM | FOREMAN/ENGR. | DALE LOCKETT  |

REMARKS H2S = .000 PPM

| ANALYSIS    |         |         |          |         |
|-------------|---------|---------|----------|---------|
| COMPONENT   | MOLE %  | GPM**   | B.T.U.*  | SP.GR * |
| NITROGEN    | 0.398   | 0.0440  | 0.00     | 0.0038  |
| CO2         | 1.095   | 0.1870  | 0.00     | 0.0166  |
| METHANE     | 82.657  | 14.0540 | 834.84   | 0.4578  |
| ETHANE      | 9.417   | 2.5260  | 166.65   | 0.0978  |
| PROPANE     | 3.957   | 1.0930  | 99.56    | 0.0602  |
| I-BUTANE    | 0.850   | 0.2790  | 27.64    | 0.0171  |
| N-BUTANE    | 0.835   | 0.2640  | 27.24    | 0.0168  |
| I-PENTANE   | 0.325   | 0.1190  | 13.00    | 0.0081  |
| N-PENTANE   | 0.191   | 0.0690  | 7.66     | 0.0048  |
| HEXANE PLUS | 0.275   | 0.1230  | 14.50    | 0.0091  |
| TOTAL       | 100.000 | 18.7580 | 1,191.09 | 0.6921  |

\* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

\*\* @ 14.730 PSIA & 60 DEG. F.

|                                     |         |                                                                                    |
|-------------------------------------|---------|------------------------------------------------------------------------------------|
| COMPRESSIBILITY FACTOR (1/Z)        | 1.0032  | GPM, BTU, and SPG calculations as shown<br>above are based on current GPA factors. |
| BTU/CU.FT (DRY) CORRECTED FOR (1/Z) | 1,197.7 |                                                                                    |
| BTU/CU.FT (WET) CORRECTED FOR (1/Z) | 1,176.9 |                                                                                    |
| REAL SPECIFIC GRAVITY               | 0.6941  |                                                                                    |

ANALYSIS RUN AT 14.730 PSIA & 60 DEGREES F

|                  |         |                   |                  |
|------------------|---------|-------------------|------------------|
| DRY BTU @ 14.650 | 1,191.2 | CYLINDER #        | 4117             |
| DRY BTU @ 14.696 | 1,194.9 | CYLINDER PRESSURE | 137 PSIG         |
| DRY BTU @ 14.730 | 1,197.7 | DATE RUN          | 08/09/2011       |
| DRY BTU @ 15.025 | 1,221.7 | ANALYSIS RUN BY   | DAWN BLASSINGAME |



2030 AFTON PLACE  
FARMINGTON, N.M. 87401  
(505) 325-6622

ANALYSIS NO. CP110746  
CUST. NO. 18300 - 21650

### WELL/LEASE INFORMATION

|               |                                  |               |               |
|---------------|----------------------------------|---------------|---------------|
| CUSTOMER NAME | CONOCO PHILLIPS COMPANY          | SOURCE        | INTERMEDIATE  |
| WELL NAME     | FLORENCE #41N INT                | PRESSURE      | 120 PSI G     |
| COUNTY/ STATE | SAN JUAN NM                      | SAMPLE TEMP   | N/A DEG.F     |
| LOCATION      | H SEC 21 T29N R09W               | WELL FLOWING  | Y             |
| FIELD         | LS# SF 080246                    | DATE SAMPLED  | 08/09/2011    |
| FORMATION     |                                  | SAMPLED BY    | MIKE MCKINNEY |
| CUST.STN.NO.  | API# 30-045-35066<br>A02473062SM | FOREMAN/ENGR. | DALE LOCKETT  |

REMARKS H2S = 001 PPM

| ANALYSIS    |         |         |          |         |
|-------------|---------|---------|----------|---------|
| COMPONENT   | MOLE %  | GPM**   | B.T.U.*  | SP.GR * |
| NITROGEN    | 0.855   | 0.0940  | 0.00     | 0.0083  |
| CO2         | 0.006   | 0.0010  | 0.00     | 0.0001  |
| METHANE     | 91.639  | 15.5700 | 925.55   | 0.5076  |
| ETHANE      | 4.974   | 1.3330  | 88.02    | 0.0516  |
| PROPANE     | 1.663   | 0.4590  | 41.84    | 0.0253  |
| I-BUTANE    | 0.297   | 0.0970  | 9.66     | 0.0060  |
| N-BUTANE    | 0.299   | 0.0940  | 9.75     | 0.0060  |
| I-PENTANE   | 0.084   | 0.0310  | 3.36     | 0.0021  |
| N-PENTANE   | 0.057   | 0.0210  | 2.28     | 0.0014  |
| HEXANE PLUS | 0.126   | 0.0560  | 6.64     | 0.0042  |
| TOTAL       | 100.000 | 17.7560 | 1,087.10 | 0.6126  |

\* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

\*\* @ 14.730 PSIA & 60 DEG. F.

|                                     |         |                                                                                    |
|-------------------------------------|---------|------------------------------------------------------------------------------------|
| COMPRESSIBILITY FACTOR (1/Z)        | 1.0025  | GPM, BTU, and SPG calculations as shown<br>above are based on current GPA factors. |
| BTU/CU.FT (DRY) CORRECTED FOR (1/Z) | 1,092.4 |                                                                                    |
| BTU/CU.FT (WET) CORRECTED FOR (1/Z) | 1,073.4 |                                                                                    |
| REAL SPECIFIC GRAVITY               | 0.6138  |                                                                                    |

ANALYSIS RUN AT 14.730 PSIA & 60 DEGREES F

|                  |         |                   |                  |
|------------------|---------|-------------------|------------------|
| DRY BTU @ 14.650 | 1,086.5 | CYLINDER #        | 4221             |
| DRY BTU @ 14.696 | 1,089.9 | CYLINDER PRESSURE | 116 PSIG         |
| DRY BTU @ 14.730 | 1,092.4 | DATE RUN          | 08/09/2011       |
| DRY BTU @ 15.025 | 1,114.3 | ANALYSIS RUN BY   | DAWN BLASSINGAME |



2030 AFTON PLACE  
FARMINGTON, N.M. 87401  
(505) 325-6622

ANALYSIS NO. CP110747  
CUST. NO. 18300 - 21655

### WELL/LEASE INFORMATION

|               |                                  |               |               |
|---------------|----------------------------------|---------------|---------------|
| CUSTOMER NAME | CONOCO PHILLIPS COMPANY          | SOURCE        | TUBING        |
| WELL NAME     | FLORENCE #41N TBG                | PRESSURE      | 140 PSI G     |
| COUNTY/ STATE | SAN JUAN NM                      | SAMPLE TEMP   | N/A DEG.F     |
| LOCATION      | H SEC T29N R09W                  | WELL FLOWING  | Y             |
| FIELD         | LS# SF 080246                    | DATE SAMPLED  | 08/09/2011    |
| FORMATION     |                                  | SAMPLED BY    | MIKE MCKINNEY |
| CUST.STN.NO.  | API# 30-045-35066<br>A02473062SM | FOREMAN/ENGR. | DALE LOCKETT  |

REMARKS H2S = 000 PPM

| ANALYSIS    |         |         |          |         |
|-------------|---------|---------|----------|---------|
| COMPONENT   | MOLE %  | GPM**   | B.T.U.*  | SP.GR.* |
| NITROGEN    | 0.546   | 0.0600  | 0.00     | 0.0053  |
| CO2         | 1.544   | 0.2640  | 0.00     | 0.0235  |
| METHANE     | 81.679  | 13.8910 | 824.96   | 0.4524  |
| ETHANE      | 9.514   | 2.5520  | 168.37   | 0.0988  |
| PROPANE     | 3.709   | 1.0250  | 93.32    | 0.0565  |
| I-BUTANE    | 0.770   | 0.2530  | 25.04    | 0.0155  |
| N-BUTANE    | 0.909   | 0.2870  | 29.65    | 0.0182  |
| I-PENTANE   | 0.377   | 0.1380  | 15.08    | 0.0094  |
| N-PENTANE   | 0.238   | 0.0870  | 9.54     | 0.0059  |
| HEXANE PLUS | 0.714   | 0.3190  | 37.64    | 0.0236  |
| TOTAL       | 100.000 | 18.8760 | 1,203.60 | 0.7091  |

\* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

\*\* @ 14.730 PSIA & 60 DEG. F.

|                                     |         |
|-------------------------------------|---------|
| COMPRESSIBILITY FACTOR (1/Z)        | 1.0034  |
| BTU/CU.FT (DRY) CORRECTED FOR (1/Z) | 1,210.5 |
| BTU/CU.FT (WET) CORRECTED FOR (1/Z) | 1,189.4 |
| REAL SPECIFIC GRAVITY               | 0.7112  |

GPM, BTU, and SPG calculations as shown above are based on current GPA factors.

ANALYSIS RUN AT 14.730 PSIA & 60 DEGREES F

|                  |         |
|------------------|---------|
| DRY BTU @ 14.650 | 1,203.9 |
| DRY BTU @ 14.696 | 1,207.7 |
| DRY BTU @ 14.730 | 1,210.5 |
| DRY BTU @ 15.025 | 1,234.7 |

|                   |                  |
|-------------------|------------------|
| CYLINDER #        | 4092             |
| CYLINDER PRESSURE | 140 PSIG         |
| DATE RUN          | 08/09/2011       |
| ANALYSIS RUN BY   | DAWN BLASSINGAME |