



30-045-05916

2030 Afton Place
Farmington, NM 87401
(505) 325-6622Analysis No: BU140235
Cust No: 52100-22135**Well/Lease Information**Customer Name: CONOCO PHILLIPS COMPANY
Well Name: HUERFANITO 92 BHD
County/State: SAN JUAN
Location:
Field:
Formation: DAKOTA
Cust. Str. No.: 75-264-01
AM02329590NOSource:
Pressure: 112 PSIG
Sample Temp: DEG. F
Well Flowing: Y
Date Sampled: 03/18/2014
Sampled By: CHORINA R
Foreman/Engr.:

OIL CONS. DIV DIST. 3

Remarks: 078388

MAY 14 2014

Analysis

Component:	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	0.447	0.0490	0.00	0.0043
CO2	0.621	0.1060	0.00	0.0094
Methane	76.850	13.0770	776.19	0.4257
Ethane	11.960	3.2100	211.65	0.1242
Propane	5.686	1.5720	143.06	0.0866
Iso-Butane	0.995	0.3270	32.36	0.0200
N-Butane	1.688	0.5340	55.07	0.0339
I-Pentane	0.573	0.2100	22.92	0.0143
N-Pentane	0.414	0.1510	16.60	0.0103
Hexane Plus	0.766	0.3430	40.38	0.0254
Total	100.000	19.5790	1298.23	0.7539

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.004
BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 1306.3
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1283.6
REAL SPECIFIC GRAVITY: 0.7566GPM, BTU, and SPG calculations as shown
above are based on current GPA factors.DRY BTU @ 14.650: 1299.2
DRY BTU @ 14.696: 1303.3
DRY BTU @ 14.730: 1306.3
DRY BTU @ 15.025: 1332.5CYLINDER #: 5018
CYLINDER PRESSURE: 110 PSIG
DATE RUN: 4/1/14 2:08 PM
ANALYSIS RUN BY: LOGAN CHENEY



2030 Afton Place
Farmington, NM 87401
(505) 325-6622

Analysis No: BU140236
Cust No: 52100-22140

Well/Lease Information

Customer Name: CONOCO PHILLIPS COMPANY
Well Name: HUERFANITO 92 CSG
County/State: SAN JUAN
Location:
Field:
Formation: DAKOTA
Cust. Stn. No.: 75-264-01
AM02329590NO

Source:
Pressure: 138 PSIG
Sample Temp: DEG. F
Well Flowing: Y
Date Sampled: 03/18/2014
Sampled By: CHORINA R.
Foreman/Engr.:

Remarks: 078388

Analysis

Component::	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	0.410	0.0450	0.00	0.0040
CO2	1.167	0.2000	0.00	0.0177
Methane	76.942	13.0900	777.12	0.4262
Ethane	12.174	3.2670	215.44	0.1264
Propane	5.658	1.5640	142.36	0.0861
Iso-Butane	1.016	0.3340	33.04	0.0204
N-Butane	1.502	0.4750	49.00	0.0301
I-Pentane	0.424	0.1560	16.96	0.0106
N-Pentane	0.240	0.0870	9.62	0.0060
Hexane Plus	0.467	0.2090	24.62	0.0155
Total	100.000	19.4270	1268.16	0.7429

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.0038
BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 1275.9
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1253.7
REAL SPECIFIC GRAVITY: 0.7455

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

DRY BTU @ 14.650: 1269.0
DRY BTU @ 14.696: 1273.0
DRY BTU @ 14.730: 1275.9
DRY BTU @ 15.025: 1301.5

CYLINDER #: 4178
CYLINDER PRESSURE: 136 PSIG
DATE RUN: 4/1/14 2:10 PM
ANALYSIS RUN BY: PATRICIA KING