



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

Analysis No: BU140183
Cust No: 52100-22120

30-04525763

Well/Lease Information

Customer Name: CONOCO PHILLIPS COMPANY
Well Name: STATE 16-4 CSG
County/State: SAN JUAN
Location:
Field:
Formation: POTTER
Cust. Str. No.: 14633113
9274660

Source:
Pressure: 380 PSIG
Sample Temp: DEG. F
Well Flowing: Y
Date Sampled: 03/05/2014
Sampled By: MARVIN CHARLEY
Foreman/Engr.:

OIL CONS. DIV DIST. 3
MAY 14 2014

Remarks:

Analysis

Component::	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	0.552	0.0610	0.00	0.0053
CO2	0.655	0.1120	0.00	0.0100
Methane	82.902	14.0940	837.31	0.4592
Ethane	10.330	2.7700	182.81	0.1072
Propane	3.709	1.0250	93.32	0.0565
Iso-Butane	0.386	0.1270	12.55	0.0077
N-Butane	0.793	0.2510	25.87	0.0159
I-Pentane	0.197	0.0720	7.88	0.0049
N-Pentane	0.178	0.0650	7.14	0.0044
Hexane Plus	0.298	0.1330	15.71	0.0099
Total	100.000	18.7100	1182.59	0.6811

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

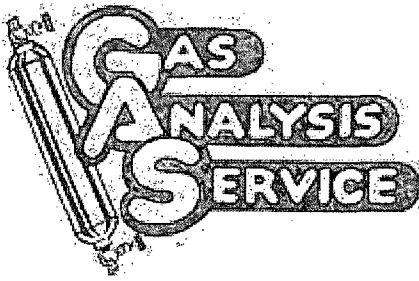
**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.0031
BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 1189.0
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1168.3
REAL SPECIFIC GRAVITY: 0.6829

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

DRY BTU @ 14.650: 1182.5
DRY BTU @ 14.696: 1186.3
DRY BTU @ 14.730: 1189.0
DRY BTU @ 15.025: 1212.8

CYLINDER #: 60
CYLINDER PRESSURE: 396 PSIG
DATE RUN: 3/12/14 12:42 PM
ANALYSIS RUN BY: PATRICIA KING



CONOCO PHILLIPS COMPANY
WELL ANALYSIS COMPARISON

Lease: STATE 16-4 CSG
Stn. No.: 14633113
Mtr. No.: 9274660

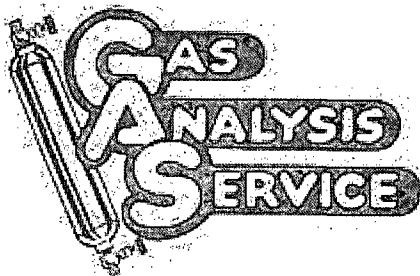
POTTER

03/12/2014
52100-22120

Smpl Date: 03/05/2014
Test Date: 03/12/2014
Run No: BU140183

Nitrogen: 0.552
CO2: 0.655
Methane: 82.902
Ethane: 10.330
Propane: 3.709
I-Butane: 0.386
N-Butane: 0.793
I-Pentane: 0.197
N-Pentane: 0.178
Hexane+: 0.298

BTU: 1189.0
GPM: 18.7100
SPG: 0.6829



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

Analysis No: BU140182
Cust No: 52100-22115

Well/Lease Information

Customer Name: CONOCO PHILLIPS COMPANY

Well Name: STATE 16-4 BHD

County/State: SAN JUAN

Location:

Field:

Formation: POTTER

Cust. Stn. No.: 14633113
9274660

Source:

Pressure: 380 PSIG

Sample Temp: DEG. F

Well Flowing: Y

Date Sampled: 03/05/2014

Sampled By: MARVIN CHARLEY

Foreman/Engr.: KURTIS SHAW

OIL CONS. DIV DIST. 3

MAY 14 2014

Remarks:

Analysis

Component::	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	0.592	0.0650	0.00	0.0057
CO2	0.613	0.1050	0.00	0.0093
Methane	82.264	13.9890	830.87	0.4557
Ethane	10.265	2.7540	181.66	0.1066
Propane	3.780	1.0450	95.11	0.0576
Iso-Butane	0.421	0.1380	13.69	0.0084
N-Butane	0.928	0.2930	30.27	0.0186
I-Pentane	0.289	0.1060	11.56	0.0072
N-Pentane	0.278	0.1010	11.14	0.0069
Hexane Plus	0.570	0.2550	30.05	0.0189
Total	100.000	18.8510	1204.35	0.6949

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.0033

BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 1211.1

BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1190.0

REAL SPECIFIC GRAVITY: 0.6969

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

DRY BTU @ 14.650: 1204.5

DRY BTU @ 14.696: 1208.3

DRY BTU @ 14.730: 1211.1

DRY BTU @ 15.025: 1235.4

CYLINDER #: 219

CYLINDER PRESSURE: 409 PSIG

DATE RUN: 3/12/14 12:34 PM

ANALYSIS RUN BY: PATRICIA KING



CONOCO PHILLIPS COMPANY
WELL ANALYSIS COMPARISON

Lease: STATE 16-4 BHD
Stn. No.: 14633113
Mtr. No.: 9274660

POTTER

03/12/2014
52100-22115

Smpl Date: 03/05/2014
Test Date: 03/12/2014
Run No: BU140182

Nitrogen: 0.592
CO2: 0.613
Methane: 82.264
Ethane: 10.265
Propane: 3.780
I-Butane: 0.421
N-Butane: 0.928
I-Pentane: 0.289
N-Pentane: 0.278
Hexane+: 0.570

BTU: 1211.1
GPM: 18.8510
SPG: 0.6969