



OIL CONS. DIV DIST. 3

JUN 26 2015

API #3004509725

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

Analysis No: CP150287

Cust No: 18300-20435

30-045-09725

Well/Lease Information

Customer Name: CONOCO PHILLIPS COMPANY
Well Name: FAYE BURDETTE 1; BHD
County/State: SAN JUAN NM
Location:
Field:
Formation: DAKOTA
Cust. Stn. No.: 73473
A706091SM

Source: BRADENHEAD
Pressure: 4 PSIG
Sample Temp: DEG. F
Well Flowing: N
Date Sampled: 05/27/2015
Sampled By: DON THOMPSON
Foreman/Engr.: PHILIP OUELLETTE

Remarks: PRESSURED WITH HELIUM TO 30 LBS.

Analysis

Component::	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	74.303	8.1790	0.00	0.7187
CO2	0.080	0.0140	0.00	0.0012
Methane	22.496	3.8160	227.21	0.1246
Ethane	1.162	0.3110	20.56	0.0121
Propane	0.437	0.1200	11.00	0.0067
Iso-Butane	0.113	0.0370	3.67	0.0023
N-Butane	0.133	0.0420	4.34	0.0027
I-Pentane	0.093	0.0340	3.72	0.0023
N-Pentane	0.061	0.0220	2.45	0.0015
Hexane Plus	1.122	0.5010	59.14	0.0371
Total	100.000	13.0760	332.09	0.9091

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.0008

BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 333.1

BTU/CU.FT (WET) CORRECTED FOR (1/Z): 327.3

REAL SPECIFIC GRAVITY: 0.9095

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

DRY BTU @ 14.650: 331.3

DRY BTU @ 14.696: 332.3

DRY BTU @ 14.730: 333.1

DRY BTU @ 15.025: 339.8

CYLINDER #: 14

CYLINDER PRESSURE: PSIG

DATE RUN: 6/9/15 12:47 PM

ANALYSIS RUN BY: JENNIFER DEAN



CONOCO PHILLIPS COMPANY
WELL ANALYSIS COMPARISON

Lease: FAYE BURDETTE 1; BHD
Stn. No.: 73473
Mtr. No.: A706091SM

BRADENHEAD
DAKOTA

06/12/2015
18300-20435

Smpl Date:	05/27/2015	05/05/2011
Test Date:	06/09/2015	05/06/2011
Run No:	CP150287	CP110235
Nitrogen:	74.303	2.230
CO2:	0.080	0.030
Methane:	22.496	90.568
Ethane:	1.162	3.931
Propane:	0.437	1.673
I-Butane:	0.113	0.466
N-Butane:	0.133	0.366
I-Pentane:	0.093	0.193
N-Pentane:	0.061	0.116
Hexane+:	1.122	0.427
BTU:	333.1	1093.6
GPM:	13.0760	17.7280
SPG:	0.9095	0.6298



OIL CONS. DIV DIST. 3

JUN 26 2015

API #3004509725
2030 Afton Place
Farmington, NM 87401
(505) 325-6622Analysis No: CP150288
Cust No: 18300-20440**Well/Lease Information**Customer Name: CONOCO PHILLIPS COMPANY
Well Name: FAYE BURDETTE 1; CSG
County/State: SAN JUAN NM
Location:
Field:
Formation: DAKOTA
Cust. Stn. No.: 73473
A706091SMSource: CASING
Pressure: 189 PSIG
Sample Temp: DEG. F
Well Flowing: N
Date Sampled: 05/26/2015
Sampled By: DON THOMPSON
Foreman/Engr.: PHILIP OUELLETTE

Remarks:

Analysis

Component::	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	0.346	0.0380	0.00	0.0033
CO2	1.879	0.3220	0.00	0.0286
Methane	84.893	14.4340	857.42	0.4702
Ethane	6.669	1.7890	118.02	0.0692
Propane	2.621	0.7240	65.95	0.0399
Iso-Butane	0.729	0.2390	23.71	0.0146
N-Butane	0.995	0.3150	32.46	0.0200
I-Pentane	0.716	0.2630	28.65	0.0178
N-Pentane	0.474	0.1720	19.00	0.0118
Hexane Plus	0.678	0.3030	35.74	0.0224
Total	100.000	18.5990	1180.94	0.6979

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.0032
BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 1187.5
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1166.8
REAL SPECIFIC GRAVITY: 0.6999GPM, BTU, and SPG calculations as shown
above are based on current GPA factors.DRY BTU @ 14.650: 1181.1
DRY BTU @ 14.696: 1184.8
DRY BTU @ 14.730: 1187.5
DRY BTU @ 15.025: 1211.3CYLINDER #: 01
CYLINDER PRESSURE: 183 PSIG
DATE RUN: 6/9/15 12:00 AM
ANALYSIS RUN BY: JENNIFER DEAN



CONOCO PHILLIPS COMPANY
WELL ANALYSIS COMPARISON

Lease: FAYE BURDETTE 1; CSG
Stn. No.: 73473
Mtr. No.: A706091SM

CASING
DAKOTA

06/12/2015
18300-20440

Smpl Date:	05/26/2015	05/05/2011
Test Date:	06/09/2015	05/06/2011
Run No:	CP150288	CP110236
Nitrogen:	0.346	0.179
CO2:	1.879	1.814
Methane:	84.893	88.508
Ethane:	6.669	5.997
Propane:	2.621	1.830
I-Butane:	0.729	0.415
N-Butane:	0.995	0.467
I-Pentane:	0.716	0.250
N-Pentane:	0.474	0.153
Hexane+:	0.678	0.387
BTU:	1187.5	1117.1
GPM:	18.5990	18.0910
SPG:	0.6999	0.6518