



OIL CONS. DIV DIST. 3

SEP 15 2015

2030 Afton Place
Farmington, NM 87401
(505) 325-6622Analysis No: CP150323
Cust No: 18300-27070**Well/Lease Information**

Customer Name:	CONOCO PHILLIPS COMPANY	Source:	PROD. TUBING
Well Name:	MCADAMS #5 PROD. TBG API - 30-045-06411	Pressure:	101 PSIG
County/State:	SAN JUAN	Sample Temp:	50 DEG. F
Location:	D20-27N-09W	Well Flowing:	Y
Field:		Date Sampled:	06/12/2015
Formation:	BASIN DAKOTA	Sampled By:	JAI RASCON
Cust. Stn. No.:		Foreman/Engr.:	
	AM02346943NO		

Remarks:

Analysis

Component::	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	0.314	0.0350	0.00	0.0030
CO2	1.249	0.2140	0.00	0.0190
Methane	86.041	14.6270	869.01	0.4766
Ethane	7.864	2.1090	139.17	0.0816
Propane	2.341	0.6470	58.90	0.0356
Iso-Butane	0.545	0.1790	17.72	0.0109
N-Butane	0.568	0.1800	18.53	0.0114
I-Pentane	0.294	0.1080	11.76	0.0073
N-Pentane	0.166	0.0600	6.65	0.0041
Hexane Plus	0.618	0.2760	32.58	0.0205
Total	100.000	18.4350	1154.33	0.6701

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z):	1.003
BTU/CU.FT (DRY) CORRECTED FOR (1/Z):	1160.5
BTU/CU.FT (WET) CORRECTED FOR (1/Z):	1140.3
REAL SPECIFIC GRAVITY:	0.6719

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

DRY BTU @ 14.650:	1154.2
DRY BTU @ 14.696:	1157.8
DRY BTU @ 14.730:	1160.5
DRY BTU @ 15.025:	1183.7

CYLINDER #:	4172
CYLINDER PRESSURE:	104 PSIG
DATE RUN:	6/29/15 7:15 AM
ANALYSIS RUN BY:	PATRICIA KING

4



CONOCO PHILLIPS COMPANY
WELL ANALYSIS COMPARISON

Lease: MCADAMS #5 PROD. TBG
Stn. No.:
Mtr. No.: AM02346943NO

PROD. TUBING
BASIN DAKOTA

06/30/2015
18300-27070

Smpl Date: 06/12/2015
Test Date: 06/29/2015
Run No: CP150323

Nitrogen: 0.314
CO2: 1.249
Methane: 86.041
Ethane: 7.864
Propane: 2.341
I-Butane: 0.545
N-Butane: 0.568
I-Pentane: 0.294
N-Pentane: 0.166
Hexane+: 0.618

BTU: 1160.5
GPM: 18.4350
SPG: 0.6719



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

Analysis No: CP150322
Cust No: 18300-27065

Well/Lease Information

Customer Name: CONOCO PHILLIPS COMPANY
Well Name: MCADAMS #5 BHD API - 30-045-06411
County/State: SAN JUAN
Location: D20-27N-09W
Field:
Formation: BASIN DAKOTA
Cust. Stn. No.: AM02346943NO

Source: BRADENHEAD
Pressure: 20 PSIA
Sample Temp: 50 DEG. F
Well Flowing: Y
Date Sampled: 06/12/2015
Sampled By: JAI RASCON
Foreman/Engr.:

Remarks: PRESSURED WITH HELIUM TO 30#

Analysis

Component::	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	20.949	2.3080	0.00	0.2026
CO2	0.505	0.0860	0.00	0.0077
Methane	73.909	12.5490	746.48	0.4094
Ethane	3.943	1.0560	69.78	0.0409
Propane	0.210	0.0580	5.28	0.0032
Iso-Butane	0.116	0.0380	3.77	0.0023
N-Butane	0.042	0.0130	1.37	0.0008
I-Pentane	0.094	0.0340	3.76	0.0023
N-Pentane	0.000	0.0000	0.00	0.0000
Hexane Plus	0.232	0.1040	12.23	0.0077
Total	100.000	16.2460	842.67	0.6770

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.0018
BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 846.1
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 831.4
REAL SPECIFIC GRAVITY: 0.6779

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

DRY BTU @ 14.650: 841.5
DRY BTU @ 14.696: 844.1
DRY BTU @ 14.730: 846.1
DRY BTU @ 15.025: 863.0

CYLINDER #: 6016
CYLINDER PRESSURE: PSIG
DATE RUN: 6/29/15 12:00 AM
ANALYSIS RUN BY: PATRICIA KING



CONOCO PHILLIPS COMPANY
WELL ANALYSIS COMPARISON

Lease: MCADAMS #5 BHD
Stn. No.:
Mtr. No.: AM02346943NO

BRADENHEAD
BASIN DAKOTA

06/30/2015
18300-27065

Smpl Date: 06/12/2015
Test Date: 06/29/2015
Run No: CP150322

Nitrogen: 20.949
CO2: 0.505
Methane: 73.909
Ethane: 3.943
Propane: 0.210
I-Butane: 0.116
N-Butane: 0.042
I-Pentane: 0.094
N-Pentane: 0.000
Hexane+: 0.232

BTU: 846.1
GPM: 16.2460
SPG: 0.6779