



OIL CONS. DIV DIST. 3

JUL 29 2016

2030 Afton Place
Farmington, NM 87401
(505) 325-6622Analysis No: CP160296
Cust No: 18300-27725**Well/Lease Information**

Customer Name: CONOCO PHILLIPS COMPANY
Well Name: JICARILLA 153-3; BHD
County/State: RIO ARRIBA NM
Location:
Field:
Formation: PC
Cust. Str. No.: 37043
API 3003906333

Source: BRADENHEAD
Pressure: 252 PSIA
Sample Temp: 51 DEG. F
Well Flowing: N
Date Sampled: 05/18/2016
Sampled By: BURL APPLGATE
Foreman/Engr.: N. BLOOMFIELD

Remarks: W/O 9242868

Analysis

Component::	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	0.712	0.0790	0.00	0.0069
CO2	0.142	0.0240	0.00	0.0022
Methane	84.297	14.3340	851.40	0.4669
Ethane	6.999	1.8780	123.86	0.0727
Propane	4.442	1.2280	111.77	0.0676
Iso-Butane	1.041	0.3420	33.85	0.0209
N-Butane	1.137	0.3600	37.09	0.0228
I-Pentane	0.440	0.1610	17.60	0.0110
N-Pentane	0.281	0.1020	11.26	0.0070
Hexane Plus	0.509	0.2280	26.83	0.0168
Total	100.000	18.7360	1213.67	0.6948

* @ 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): 1220.5
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1199.3
REAL SPECIFIC GRAVITY: 0.6968

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

DRY BTU @ 14.650: 1213.9
DRY BTU @ 14.696: 1217.7
DRY BTU @ 14.730: 1220.5
DRY BTU @ 15.025: 1244.9

CYLINDER #: 4188
CYLINDER PRESSURE: 73 PSIG
DATE RUN: 5/23/16 4:09 PM
ANALYSIS RUN BY: PATRICIA KING



CONOCO PHILLIPS COMPANY
WELL ANALYSIS COMPARISON

Lease: JICARILLA 153-3; BHD
Stn. No.: 37043
Mtr. No.: API 3003906333

BRADENHEAD
PC

05/24/2016
18300-27725

Smpl Date: 05/18/2016
Test Date: 05/23/2016
Run No: CP160296

Nitrogen: 0.712
CO2: 0.142
Methane: 84.297
Ethane: 6.999
Propane: 4.442
I-Butane: 1.041
N-Butane: 1.137
I-Pentane: 0.440
N-Pentane: 0.281
Hexane+: 0.509

BTU: 1220.5
GPM: 18.7360
SPG: 0.6968



OIL CONS. DIV DIST. 3

JUL 29 2016

2030 Afton Place
Farmington, NM 87401
(505) 325-6622Analysis No: CP160297
Cust No: 18300-27730**Well/Lease Information**

Customer Name: CONOCO PHILLIPS COMPANY
Well Name: JICARILLA 153-3; CSG
County/State: RIO ARRIBA NM
Location:
Field:
Formation: PC
Cust. Stn. No.: 37043
API 3003906333

Source: CASING
Pressure: 252 PSIA
Sample Temp: 51 DEG. F
Well Flowing: N
Date Sampled: 05/18/2016
Sampled By: BURL APPLGATE
Foreman/Engr.: N. BLOOMFIELD

Remarks: W/O 9242868

Analysis

Component::	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	0.707	0.0780	0.00	0.0068
CO2	0.150	0.0260	0.00	0.0023
Methane	84.119	14.3040	849.60	0.4659
Ethane	7.100	1.9050	125.65	0.0737
Propane	4.487	1.2400	112.90	0.0683
Iso-Butane	1.038	0.3410	33.76	0.0208
N-Butane	1.153	0.3650	37.61	0.0231
I-Pentane	0.431	0.1580	17.24	0.0107
N-Pentane	0.273	0.0990	10.94	0.0068
Hexane Plus	0.542	0.2420	28.57	0.0179
Total	100.000	18.7580	1216.28	0.6965

* @ 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): 1223.1
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1201.8
REAL SPECIFIC GRAVITY: 0.6986

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

DRY BTU @ 14.650: 1216.5
DRY BTU @ 14.696: 1220.3
DRY BTU @ 14.730: 1223.1
DRY BTU @ 15.025: 1247.6

CYLINDER #: 4114
CYLINDER PRESSURE: 119 PSIG
DATE RUN: 5/23/16 4:13 PM
ANALYSIS RUN BY: DAWN BLASSINGAME



CONOCO PHILLIPS COMPANY
WELL ANALYSIS COMPARISON

Lease: JICARILLA 153-3; CSG
Stn. No.: 37043
Mtr. No.: API 3003906333

CASING
PC

05/24/2016
18300-27730

Smpl Date: 05/18/2016
Test Date: 05/23/2016
Run No: CP160297

Nitrogen: 0.707
CO2: 0.150
Methane: 84.119
Ethane: 7.100
Propane: 4.487
I-Butane: 1.038
N-Butane: 1.153
I-Pentane: 0.431
N-Pentane: 0.273
Hexane+: 0.542

BTU: 1223.1
GPM: 18.7580
SPG: 0.6986