



OIL CONS. DIV DIST. 3

JUL 29 2016

2030 Afton Place
Farmington, NM 87401
(505) 325-6622Analysis No: CP160298
Cust No: 18300-27735**Well/Lease Information**

Customer Name: CONOCO PHILLIPS COMPANY
Well Name: JICARILLA 14; BHD
County/State: RIO ARriba NM
Location:
Field:
Formation: DK/GALLUP
Cust. Stn. No.: 85330
API 3003922343

Source: BRADENHEAD
Pressure: 250 PSIA
Sample Temp: 49 DEG. F
Well Flowing: N
Date Sampled: 05/18/2016
Sampled By: BURL APPLGATE
Foreman/Engr.: N. BLOOMFIELD

Remarks: W/O 9250492

Analysis

Component::	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	0.564	0.0620	0.00	0.0055
CO2	0.762	0.1300	0.00	0.0116
Methane	77.792	13.2310	785.70	0.4309
Ethane	13.350	3.5820	236.25	0.1386
Propane	4.864	1.3440	122.38	0.0741
Iso-Butane	0.755	0.2480	24.55	0.0152
N-Butane	1.110	0.3510	36.21	0.0223
I-Pentane	0.359	0.1320	14.36	0.0089
N-Pentane	0.223	0.0810	8.94	0.0056
Hexane Plus	0.221	0.0990	11.65	0.0073
Total	100.000	19.2600	1240.05	0.7198

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.0035
BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 1247.3
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1225.6
REAL SPECIFIC GRAVITY: 0.7221

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

DRY BTU @ 14.650: 1240.5
DRY BTU @ 14.696: 1244.4
DRY BTU @ 14.730: 1247.3
DRY BTU @ 15.025: 1272.3

CYLINDER #: 4041
CYLINDER PRESSURE: 62 PSIG
DATE RUN: 5/23/16 12:00 AM
ANALYSIS RUN BY: PATRICIA KING



CONOCO PHILLIPS COMPANY
WELL ANALYSIS COMPARISON

Lease: JICARILLA 14; BHD
Stn. No.: 85330
Mtr. No.: API 3003922343

BRADENHEAD
DK/GALLUP

05/25/2016
18300-27735

Smpl Date: 05/18/2016
Test Date: 05/23/2016
Run No: CP160298

Nitrogen: 0.564
CO2: 0.762
Methane: 77.792
Ethane: 13.350
Propane: 4.864
I-Butane: 0.755
N-Butane: 1.110
I-Pentane: 0.359
N-Pentane: 0.223
Hexane+: 0.221

BTU: 1247.3
GPM: 19.2600
SPG: 0.7221



OIL CONS. DIV DIST. 3

JUL 29 2016

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

Analysis No: CP160299

Cust No: 18300-27740

Well/Lease Information

Customer Name: CONOCO PHILLIPS COMPANY

Well Name: JICARILLA 14; CSG

County/State: RIO ARriba NM

Location:

Field:

Formation: DK/GALLUP

Cust. Stn. No.: 85330

API 3003922343

Source: CASING

Pressure: 250 PSIA

Sample Temp: 49 DEG. F

Well Flowing: N

Date Sampled: 05/18/2016

Sampled By: BURL APPEL GATE

Foreman/Engr.: N. BLOOMFIELD

Remarks: W/O 9250492

Analysis

Component::	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	0.453	0.0500	0.00	0.0044
CO2	0.764	0.1310	0.00	0.0116
Methane	77.834	13.2380	786.12	0.4311
Ethane	13.390	3.5930	236.96	0.1390
Propane	4.899	1.3540	123.26	0.0746
Iso-Butane	0.766	0.2510	24.91	0.0154
N-Butane	1.127	0.3560	36.77	0.0226
I-Pentane	0.361	0.1320	14.44	0.0090
N-Pentane	0.221	0.0800	8.86	0.0055
Hexane Plus	0.185	0.0830	9.75	0.0061
Total	100.000	19.2680	1241.08	0.7193

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.0035

BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 1248.3

BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1226.6

REAL SPECIFIC GRAVITY: 0.7216

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

DRY BTU @ 14.650: 1241.5

DRY BTU @ 14.696: 1245.4

DRY BTU @ 14.730: 1248.3

DRY BTU @ 15.025: 1273.3

CYLINDER #: 7029

CYLINDER PRESSURE: 176 PSIG

DATE RUN: 5/23/16 11:48 AM

ANALYSIS RUN BY: PATRICIA KING



CONOCO PHILLIPS COMPANY
WELL ANALYSIS COMPARISON

Lease: JICARILLA 14; CSG
Stn. No.: 85330
Mtr. No.: API 3003922343

CASING
DK/GALLUP

05/25/2016
18300-27740

Smpl Date: 05/18/2016
Test Date: 05/23/2016
Run No: CP160299

Nitrogen: 0.453
CO2: 0.764
Methane: 77.834
Ethane: 13.390
Propane: 4.899
I-Butane: 0.766
N-Butane: 1.127
I-Pentane: 0.361
N-Pentane: 0.221
Hexane+: 0.185

BTU: 1248.3
GPM: 19.2680
SPG: 0.7216