



30-039-26086

2030 Afton Place
Farmington, NM 87401
(505) 325-6622Analysis No: CP140290
Cust No: 18300-25850**Well/Lease Information**Customer Name: CONOCO PHILLIPS COMPANY
Well Name: JOHNSTON A #13M
County/State: RIO ARRIBA NM
Location:
Field:
Formation: MV, GL, DK
Cust. Str. No.:Source: INT VALVE
Pressure: 160 PSIG
Sample Temp: DEG. F
Well Flowing: Y
Date Sampled: 04/17/2014
Sampled By: PAT SHANNON
Foreman/Engr.: MICHELLE BENTSON

Remarks:

OIL CONS. DIV DIST. 3
MAY 14 2014**Analysis**

Component::	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	0.427	0.0470	0.00	0.0041
CO2	0.645	0.1100	0.00	0.0098
Methane	88.520	15.0450	894.05	0.4903
Ethane	5.751	1.5420	101.77	0.0597
Propane	2.637	0.7280	66.35	0.0401
Iso-Butane	0.505	0.1660	16.42	0.0101
N-Butane	0.711	0.2250	23.19	0.0143
I-Pentane	0.306	0.1120	12.24	0.0076
N-Pentane	0.206	0.0750	8.26	0.0051
Hexane Plus	0.292	0.1310	15.39	0.0097
Total	100.000	18.1810	1137.68	0.6509

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.0028

BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 1143.5

BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1123.6

REAL SPECIFIC GRAVITY: 0.6525

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

DRY BTU @ 14.650: 1137.3

DRY BTU @ 14.696: 1140.9

DRY BTU @ 14.730: 1143.5

DRY BTU @ 15.025: 1166.4

CYLINDER #: 4201

CYLINDER PRESSURE: 159 PSIG

DATE RUN: 4/19/14 3:39 PM

ANALYSIS RUN BY: CHELLE DURBIN



CONOCO PHILLIPS COMPANY
WELL ANALYSIS COMPARISON

Lease: JOHNSTON A #13M
Stn. No.:
Mtr. No.:

INT VALVE
MV, GL, DK

04/21/2014
18300-25850

Smpl Date: 04/17/2014
Test Date: 04/19/2014
Run No: CP140290

Nitrogen: 0.427
CO2: 0.645
Methane: 88.520
Ethane: 5.751
Propane: 2.637
I-Butane: 0.505
N-Butane: 0.711
I-Pentane: 0.306
N-Pentane: 0.206
Hexane+: 0.292

BTU: 1143.5
GPM: 18.1810
SPG: 0.6525

ENTERPRISE FIELD SERVICES LLC (SAN JUAN)
Preparer Code: 135476534
Statement Title: Measurement Audit Statement(Differential)
MEAS Contact: HUGH MOTTO (505)599-3207
STMT Contact: MARCUS WARE (713)381-7816

Accounting/Production Period: 03/2014
Meter ID: 99733-01
Meter Name: JOHNSTON A #13M
BTU Basis: Dry
Reporting Basis: MCF @ 14.730

BURLINGTON RESOURCES O & G CO LP
Recipient Code: 191707793
Location Code: NA DRN
Report Date/Time: 04/10/2014 10:18
Statement Type: Original

CERTIFICATE OF ANALYSIS

Sample Id: 99733
Sample Desc: JOHNSTON A #13M

District: Meas 300-Pipe 300-Supv C

Effective Date: 11/01/2013 07:00
Sample Date: 10/15/2013
Analyzed Date:
Sample Freq:

Sample Type: SPOT
Sampled By:
Analyzed By: FSLAB
GPA Version: 2145-09

Device: (No spec equip)
Chrom ID: N/A

Sample Temp (F): 62.0
Sample Press: 80.0
Press Base: 14.73

Component	Mole %	GPM	Others	Mole %	GPM
Methane	86.5250	0.0000	Carbon Dioxide	1.2909	0.0000
Ethane	6.4507	1.7247	H2S	0.0000	0.0000
Propane	3.0034	0.8272	Nitrogen	0.2586	0.0000
Iso Butane	0.6032	0.1973	Hydrogen	0.0000	0.0000
Butane	0.8074	0.2545	Oxygen	0.0000	0.0000
Iso Pentane	0.3304	0.1208	Helium	0.0000	0.0000
Pentane	0.2157	0.0782	Argon	0.0000	0.0000
NeoPentane	0.0000	0.0000	Carbon Monoxide	0.0000	0.0000
Hexane	0.5147	0.2297			
Heptane	0.0000	0.0000	Sub Total Others	1.5495	0.0000
Octane	0.0000	0.0000			
Nonane	0.0000	0.0000			
Decane	0.0000	0.0000			
Sub Total GPM	98.4505	3.4324			
Others	1.5495	0.0000			
Total	100.0000	3.4324			

Gravity: 0.6751
Dry BTU: 1164.8
Wet BTU: 1144.5

OIL CONS. DIV DIST. 3
MAY 14 2014