



OIL CONS. DIV DIST. 3

SEP 21 2015

Johnston A #1
API = 30-045-11894
2030 Afton Place
Farmington, NM 87401
(505) 325-6622

Analysis No: CP150451
Cust No: 18300-27155

Well/Lease Information

Customer Name: CONOCO PHILLIPS COMPANY
Well Name: JOHNSTON A #1 MV/DK INT
County/State: SAN JUAN
Location:
Field:
Formation: MV/DK
Cust. Stn. No.: 75593

Source: INTERMEDIATE
Pressure: 150 PSIG
Sample Temp: DEG. F
Well Flowing: Y
Date Sampled: 07/22/2015
Sampled By: MARVIN C.
Foreman/Engr.: MIKE MEGORDEN

Remarks: API# 3004511894

Analysis

Component::	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	0.456	0.0500	0.00	0.0044
CO2	0.156	0.0270	0.00	0.0024
Methane	78.764	13.4000	795.52	0.4363
Ethane	10.431	2.7990	184.60	0.1083
Propane	6.231	1.7230	156.78	0.0949
Iso-Butane	1.282	0.4210	41.69	0.0257
N-Butane	1.421	0.4500	46.36	0.0285
I-Pentane	0.456	0.1670	18.24	0.0114
N-Pentane	0.319	0.1160	12.79	0.0079
Hexane Plus	0.484	0.2170	25.51	0.0160
Total	100.000	19.3700	1281.48	0.7358

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.0038
BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 1289.2
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1266.8
REAL SPECIFIC GRAVITY: 0.7382

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

DRY BTU @ 14.650: 1282.2
DRY BTU @ 14.696: 1286.2
DRY BTU @ 14.730: 1289.2
DRY BTU @ 15.025: 1315.0

CYLINDER #: 6007
CYLINDER PRESSURE: 143 PSIG
DATE RUN: 8/11/15 9:07 AM
ANALYSIS RUN BY: PATRICIA KING



CONOCO PHILLIPS COMPANY
WELL ANALYSIS COMPARISON

Lease: JOHNSTON A #1 MV/DK INT
Stn. No.: 75593
Mtr. No.:

INTERMEDIATE
MV/DK

09/17/2015
18300-27155

Smpl Date: 07/22/2015
Test Date: 08/11/2015
Run No: CP150451

Nitrogen: 0.456
CO2: 0.156
Methane: 78.764
Ethane: 10.431
Propane: 6.231
I-Butane: 1.282
N-Butane: 1.421
I-Pentane: 0.456
N-Pentane: 0.319
Hexane+: 0.484

BTU: 1289.2
GPM: 19.3700
SPG: 0.7382



OIL CONS. DIV DIST. 3

SEP 23 2015

Johnston A #1
API # 30-045-118942030 Afton Place
Farmington, NM 87401
(505) 325-6622Analysis No: CP150501
Cust No: 18300-27335**Well/Lease Information**

Customer Name: CONOCO PHILLIPS COMPANY
Well Name: JOHNSTON A #1; CSG
County/State: SAN JUAN
Location: P17-28N-09W
Field:
Formation: MV/DK
Cust. Stn. No.: 75593
MCINNSK

Source: CASING
Pressure: 134 PSIG
Sample Temp: DEG. F
Well Flowing: Y
Date Sampled: 08/20/2015
Sampled By: MARVIN CHARLEY
Foreman/Engr.: MARVIN CHARLEY

Remarks:

Analysis

Component:	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	0.428	0.0470	0.00	0.0041
CO2	0.257	0.0440	0.00	0.0039
Methane	77.856	13.2460	786.34	0.4312
Ethane	10.962	2.9420	194.00	0.1138
Propane	6.427	1.7770	161.71	0.0979
Iso-Butane	1.343	0.4410	43.67	0.0270
N-Butane	1.461	0.4620	47.66	0.0293
I-Pentane	0.460	0.1690	18.40	0.0115
N-Pentane	0.320	0.1160	12.83	0.0080
Hexane Plus	0.486	0.2180	25.62	0.0161
Total	100.000	19.4620	1290.24	0.7427

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.0038

BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 1298.2

BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1275.6

REAL SPECIFIC GRAVITY: 0.7453

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

DRY BTU @ 14.650: 1291.1

DRY BTU @ 14.696: 1295.2

DRY BTU @ 14.730: 1298.2

DRY BTU @ 15.025: 1324.2

CYLINDER #: 4187

CYLINDER PRESSURE: 136 PSIG

DATE RUN: 9/4/15 1:59 PM

ANALYSIS RUN BY: Kindra Anderson



CONOCO PHILLIPS COMPANY
WELL ANALYSIS COMPARISON

Lease: JOHNSTON A #1; CSG
Stn. No.: 75593
Mtr. No.: MCINNSK

CASING
MV/DK

09/14/2015
18300-27335

Smpl Date: 08/20/2015
Test Date: 09/04/2015
Run No: CP150501

Nitrogen: 0.428
CO2: 0.257
Methane: 77.856
Ethane: 10.962
Propane: 6.427
I-Butane: 1.343
N-Butane: 1.461
I-Pentane: 0.460
N-Pentane: 0.320
Hexane+: 0.486

BTU: 1298.2
GPM: 19.4620
SPG: 0.7453