



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

Analysis No: CP170364
Cust No: 18300-26980

Well/Lease Information

Customer Name: CONOCO PHILLIPS COMPANY
Well Name: CURRENT 2 CSG
County/State:
Location: G11-30N-11W
Field:
Formation:
Cust. Strn. No.:
AM02317930NO

Source: CASING
Pressure: 143 PSIG
Sample Temp: DEG. F
Well Flowing: Y
Date Sampled: 07/13/2017
Sampled By: WAYNE SHELBY
Foreman/Engr.: PHILIP OUELLETTE

OIL CONS. DIV DIST. 3

JUL 25 2017

Remarks: W/O #9275808
API 300452264700S01

Analysis

Component::	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	0.230	0.0250	0.00	0.0022
CO2	0.507	0.0870	0.00	0.0077
Methane	82.613	14.0500	834.40	0.4576
Ethane	9.377	2.5160	165.94	0.0974
Propane	4.180	1.1550	105.18	0.0636
Iso-Butane	0.795	0.2610	25.84	0.0159
N-Butane	1.055	0.3340	34.41	0.0212
I-Pentane	0.372	0.1360	14.89	0.0093
N-Pentane	0.279	0.1020	11.20	0.0070
Hexane Plus	0.592	0.2650	31.20	0.0196
Total	100.000	18.9310	1223.04	0.7014

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.0034
BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 1230.1
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1208.7
REAL SPECIFIC GRAVITY: 0.7036

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

DRY BTU @ 14.650: 1223.4
DRY BTU @ 14.696: 1227.3
DRY BTU @ 14.730: 1230.1
DRY BTU @ 15.025: 1254.7

CYLINDER #: 039
CYLINDER PRESSURE: 143 PSIG
DATE RUN: 7/14/17 12:00 AM
ANALYSIS RUN BY: RICHARD WILSON

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CONOCO PHILLIPS COMPANY
WELL ANALYSIS COMPARISON

Lease: CURRENT 2 CSG
Stn. No.:
Mtr. No.: AM02317930NO

CASING

07/14/2017
18300-26980

Smpl Date:	07/13/2017	05/28/2015
Test Date:	07/14/2017	06/10/2015
Run No:	CP170364	CP150292
Nitrogen:	0.230	0.224
CO2:	0.507	0.604
Methane:	82.613	81.755
Ethane:	9.377	9.293
Propane:	4.180	4.247
I-Butane:	0.795	0.868
N-Butane:	1.055	1.190
I-Pentane:	0.372	0.502
N-Pentane:	0.279	0.410
Hexane+:	0.592	0.907
BTU:	1230.1	1255.8
GPM:	18.9310	19.1020
SPG:	0.7036	0.7217



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

Analysis No: CP170363
Cust No: 18300-26975

Well/Lease Information

Customer Name: CONOCO PHILLIPS COMPANY
Well Name: CURRENT 2 BHD
County/State:
Location: G11-30N-11W
Field:
Formation:
Cust. Stn. No.:
AM02317930NO

Source: BRADENHEAD
Pressure: 56 PSIG
Sample Temp: DEG. F
Well Flowing: Y
Date Sampled: 07/13/2017
Sampled By: WAYNE SHELBY
Foreman/Engr.: PHILIP OUELLETTE

Remarks: W/O #9275808
API 300452264700S01

Analysis

Component::	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	0.246	0.0270	0.00	0.0024
CO2	0.515	0.0880	0.00	0.0078
Methane	82.804	14.0820	836.32	0.4587
Ethane	9.274	2.4880	164.12	0.0963
Propane	4.127	1.1410	103.84	0.0628
Iso-Butane	0.784	0.2570	25.49	0.0157
N-Butane	1.038	0.3280	33.86	0.0208
I-Pentane	0.362	0.1330	14.48	0.0090
N-Pentane	0.274	0.1000	10.98	0.0068
Hexane Plus	0.576	0.2580	30.36	0.0191
Total	100.000	18.9020	1219.47	0.6994

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.0034
BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 1226.5
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1205.2
REAL SPECIFIC GRAVITY: 0.7015

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

DRY BTU @ 14.650: 1219.8
DRY BTU @ 14.696: 1223.7
DRY BTU @ 14.730: 1226.5
DRY BTU @ 15.025: 1251.1

CYLINDER #: 042
CYLINDER PRESSURE: 56 PSIG
DATE RUN: 7/14/17 12:00 AM
ANALYSIS RUN BY: PATRICIA KING



CONOCO PHILLIPS COMPANY
WELL ANALYSIS COMPARISON

Lease: CURRENT 2 BHD
Stn. No.:
Mtr. No.: AM02317930NO

BRADENHEAD

07/14/2017
18300-26975

Smpl Date:	07/13/2017	05/28/2015
Test Date:	07/14/2017	06/10/2015
Run No:	CP170363	CP150291
Nitrogen:	0.246	0.251
CO2:	0.515	0.599
Methane:	82.804	82.013
Ethane:	9.274	9.183
Propane:	4.127	4.196
I-Butane:	0.784	0.856
N-Butane:	1.038	1.155
I-Pentane:	0.362	0.492
N-Pentane:	0.274	0.396
Hexane+:	0.576	0.859
BTU:	1226.5	1250.0
GPM:	18.9020	19.0600
SPG:	0.7015	0.7182