



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

Analysis No: CP160159
Cust No: 18300-19230

Well/Lease Information

Customer Name: CONOCO PHILLIPS COMPANY
Well Name: SJ 30-5 #60 BHD
County/State:
Location:
Field:
Formation: MESA VERDE
Cust. Str. No.: A650113SM
300392149300S01

Source: BRADENHEAD
Pressure: 39 PSIG
Sample Temp: DEG. F
Well Flowing: Y
Date Sampled: 04/21/2016
Sampled By: BRIAN CAIN
Foreman/Engr.:

OIL CONS. DIV DIST. 3

AUG 31 2016

Remarks: WO# 9274741

Analysis

Component::	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	0.395	0.0440	0.00	0.0038
CO2	0.008	0.0010	0.00	0.0001
Methane	97.431	16.5480	984.05	0.5397
Ethane	1.825	0.4890	32.30	0.0189
Propane	0.205	0.0570	5.16	0.0031
Iso-Butane	0.057	0.0190	1.85	0.0011
N-Butane	0.024	0.0080	0.78	0.0005
I-Pentane	0.013	0.0050	0.52	0.0003
N-Pentane	0.003	0.0010	0.12	0.0001
Hexane Plus	0.039	0.0170	2.06	0.0013
Total	100.000	17.1890	1026.84	0.5690

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.0021
BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 1031.4
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1013.5
REAL SPECIFIC GRAVITY: 0.57

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

DRY BTU @ 14.650: 1025.8
DRY BTU @ 14.696: 1029.0
DRY BTU @ 14.730: 1031.4
DRY BTU @ 15.025: 1052.1

CYLINDER #: 4048
CYLINDER PRESSURE: 39 PSIG
DATE RUN: 4/22/16 8:35 AM
ANALYSIS RUN BY: Shyann Elledge



CONOCO PHILLIPS COMPANY
WELL ANALYSIS COMPARISON

Lease: SJ 30-5 #60 BHD
Stn. No.: A650113SM
Mtr. No.: 300392149300S01

BRADENHEAD
MESA VERDE

04/25/2016
18300-19230

Smpl Date:	04/21/2016	07/28/2010
Test Date:	04/22/2016	07/30/2010
Run No:	CP160159	CP100586
Nitrogen:	0.395	0.385
CO2:	0.008	0.012
Methane:	97.431	96.993
Ethane:	1.825	2.210
Propane:	0.205	0.243
I-Butane:	0.057	0.065
N-Butane:	0.024	0.026
I-Pentane:	0.013	0.015
N-Pentane:	0.003	0.004
Hexane+:	0.039	0.047
BTU:	1031.4	1035.6
GPM:	17.1890	17.2310
SPG:	0.5700	0.5726



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

Analysis No: CP160160
Cust No: 18300-19235

Well/Lease Information

Customer Name: CONOCO PHILLIPS COMPANY
Well Name: SJ 30-5 #60 CSG
County/State:
Location:
Field:
Formation: MESA VERDE
Cust. Stn. No.: A650113SM
300392149300S01

Source: CASING
Pressure: 160 PSIG
Sample Temp: DEG. F
Well Flowing: Y
Date Sampled: 04/21/2016
Sampled By: BRIAN CAIN
Foreman/Engr.:

Remarks: WO# 9274741

Analysis

Component::	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	0.071	0.0080	0.00	0.0007
CO2	1.853	0.3170	0.00	0.0282
Methane	94.659	16.0790	956.06	0.5243
Ethane	2.906	0.7790	51.43	0.0302
Propane	0.337	0.0930	8.48	0.0051
Iso-Butane	0.057	0.0190	1.85	0.0011
N-Butane	0.032	0.0100	1.04	0.0006
I-Pentane	0.012	0.0040	0.48	0.0003
N-Pentane	0.005	0.0020	0.20	0.0001
Hexane Plus	0.068	0.0300	3.58	0.0023
Total	100.000	17.3410	1023.12	0.5929

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.0022
BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 1027.8
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1009.9
REAL SPECIFIC GRAVITY: 0.594

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

DRY BTU @ 14.650: 1022.2
DRY BTU @ 14.696: 1025.4
DRY BTU @ 14.730: 1027.8
DRY BTU @ 15.025: 1048.4

CYLINDER #: 6244
CYLINDER PRESSURE: 155 PSIG
DATE RUN: 4/22/16 8:55 AM
ANALYSIS RUN BY: Shyann Elledge



CONOCO PHILLIPS COMPANY
WELL ANALYSIS COMPARISON

Lease: SJ 30-5 #60 CSG
Stn. No.: A650113SM
Mtr. No.: 300392149300S01

CASING
MESA VERDE

04/25/2016
18300-19235

Smpl Date:	04/21/2016	07/28/2010
Test Date:	04/22/2016	07/30/2010
Run No:	CP160160	CP100587
Nitrogen:	0.071	0.098
CO2:	1.853	1.635
Methane:	94.659	94.927
Ethane:	2.906	2.813
Propane:	0.337	0.349
I-Butane:	0.057	0.061
N-Butane:	0.032	0.035
I-Pentane:	0.012	0.014
N-Pentane:	0.005	0.005
Hexane+:	0.068	0.063
BTU:	1027.8	1029.2
GPM:	17.3410	17.3280
SPG:	0.5940	0.5915