



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

Analysis No: CP160475
Cust No: 18300-28010

Well/Lease Information

Customer Name: CONOCO PHILLIPS COMPANY
Well Name: SJ 30-5 #75M; BHD
County/State: RIO ARRIBA NM
Location: E21-30N-05W
Field:
Formation: MV/DK
Cust. Stn. No.: API 300392565900C02

Source: BRADENHEAD
Pressure: 12 PSIG
Sample Temp: DEG. F
Well Flowing: Y
Date Sampled: 08/18/2016
Sampled By: SHAD BROWN
Foreman/Engr.: BERKELEY BROWN

OIL CONS. DIV DIST. 3

AUG 31 2016

Remarks:

Analysis

Component::	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	1.646	0.1810	0.00	0.0159
CO2	0.033	0.0060	0.00	0.0005
Methane	92.930	15.7850	938.59	0.5147
Ethane	4.883	1.3080	86.41	0.0507
Propane	0.251	0.0690	6.32	0.0038
Iso-Butane	0.111	0.0360	3.61	0.0022
N-Butane	0.022	0.0070	0.72	0.0004
I-Pentane	0.032	0.0120	1.28	0.0008
N-Pentane	0.000	0.0000	0.00	0.0000
Hexane Plus	0.092	0.0410	4.85	0.0030
Total	100.000	17.4450	1041.78	0.5922

* @ 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): 1046.5
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1028.3
REAL SPECIFIC GRAVITY: 0.5933

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

DRY BTU @ 14.650: 1040.8
DRY BTU @ 14.696: 1044.1
DRY BTU @ 14.730: 1046.5
DRY BTU @ 15.025: 1067.5

CYLINDER #: 6133
CYLINDER PRESSURE: 11 PSIG
DATE RUN: 8/23/16 4:06 PM
ANALYSIS RUN BY: Shyann Elledge



CONOCO PHILLIPS COMPANY
WELL ANALYSIS COMPARISON

Lease: SJ 30-5 #75M; BHD
Stn. No.: API
Mtr. No.:

BRADENHEAD
MV/DK

08/24/2016
18300-28010

Smpl Date: 08/18/2016
Test Date: 08/23/2016
Run No: CP160475

Nitrogen: 1.646
CO2: 0.033
Methane: 92.930
Ethane: 4.883
Propane: 0.251
I-Butane: 0.111
N-Butane: 0.022
I-Pentane: 0.032
N-Pentane: 0.000
Hexane+: 0.092

BTU: 1046.5
GPM: 17.4450
SPG: 0.5933



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

Analysis No: CP160476
Cust No: 18300-28015

Well/Lease Information

Customer Name: CONOCO PHILLIPS COMPANY
Well Name: SJ 30-5 #75M; CSG
County/State: RIO ARRIBA NM
Location: E21-30N-05W
Field:
Formation: MV/DK
Cust. Str. No.: API 300392565900C02

Source: CASING
Pressure: 160 PSIG
Sample Temp: DEG. F
Well Flowing: Y
Date Sampled: 08/18/2016
Sampled By: SHAD BROWN
Foreman/Engr.: BERKELEY BROWN

Remarks:

Analysis

Component::	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	0.453	0.0500	0.00	0.0044
CO2	1.537	0.2630	0.00	0.0234
Methane	97.221	16.5120	981.93	0.5385
Ethane	0.672	0.1800	11.89	0.0070
Propane	0.034	0.0090	0.86	0.0005
Iso-Butane	0.035	0.0110	1.14	0.0007
N-Butane	0.005	0.0020	0.16	0.0001
I-Pentane	0.021	0.0080	0.84	0.0005
N-Pentane	0.003	0.0010	0.12	0.0001
Hexane Plus	0.019	0.0080	1.00	0.0006
Total	100.000	17.0440	997.94	0.5758

* @ 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): 1002.4

BTU/CU.FT (WET) CORRECTED FOR (1/Z): 985.0

REAL SPECIFIC GRAVITY: 0.5767

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

DRY BTU @ 14.650: 997.0

DRY BTU @ 14.696: 1000.1

DRY BTU @ 14.730: 1002.4

DRY BTU @ 15.025: 1022.5

CYLINDER #: 6118

CYLINDER PRESSURE: 153 PSIG

DATE RUN: 8/23/16 4:06 PM

ANALYSIS RUN BY: PATRICIA KING



CONOCO PHILLIPS COMPANY
WELL ANALYSIS COMPARISON

Lease: SJ 30-5 #75M; CSG
Stn. No.: API
Mtr. No.:

CASING
MV/DK

08/24/2016
18300-28015

Smpl Date: 08/18/2016
Test Date: 08/23/2016
Run No: CP160476
Nitrogen: 0.453
CO2: 1.537
Methane: 97.221
Ethane: 0.672
Propane: 0.034
I-Butane: 0.035
N-Butane: 0.005
I-Pentane: 0.021
N-Pentane: 0.003
Hexane+: 0.019
BTU: 1002.4
GPM: 17.0440
SPG: 0.5767