



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

Analysis No: CP140161
Cust No: 18300-25525

Well/Lease Information

Customer Name: CONOCO PHILLIPS COMPANY
Well Name: SAN JUAN 28-6 #67 INT
County/State: RIO ARRIBA
Location:
Field: AREA 24
Formation:
Cust. Str. No.: 71888
AM02346492NO
API 3003907097

Source: INTERMEDIATE
Pressure: 200 PSIG
Sample Temp: DEG. F
Well Flowing: N
Date Sampled: 02/27/2014
Sampled By: CHARLIE WELLS
Foreman/Engr.:

OIL CONS. DIV DIST. 3

Remarks:

MAY 14 2014

Analysis

Component::	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	0.249	0.0270	0.00	0.0024
CO2	0.414	0.0710	0.00	0.0063
Methane	89.112	15.1460	900.03	0.4936
Ethane	5.582	1.4970	98.78	0.0580
Propane	2.667	0.7370	67.10	0.0406
Iso-Butane	0.503	0.1650	16.36	0.0101
N-Butane	0.649	0.2050	21.17	0.0130
I-Pentane	0.235	0.0860	9.40	0.0059
N-Pentane	0.160	0.0580	6.41	0.0040
Hexane Plus	0.429	0.1920	22.61	0.0142
Total	100.000	18.1840	1141.88	0.6480

* @ 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): 1147.7
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1127.7
REAL SPECIFIC GRAVITY: 0.6496

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

DRY BTU @ 14.650: 1141.5
DRY BTU @ 14.696: 1145.1
DRY BTU @ 14.730: 1147.7
DRY BTU @ 15.025: 1170.7

CYLINDER #: 6144
CYLINDER PRESSURE: 195 PSIG
DATE RUN: 3/14/14 1:15 PM
ANALYSIS RUN BY: LOGAN CHENEY



CONOCO PHILLIPS COMPANY
WELL ANALYSIS COMPARISON

Lease: SAN JUAN 28-6 #67 INT
Stn. No.: 71888
Mtr. No.: AM02346492

INTERMEDIATE

03/20/2014
18300-25525

Smpl Date: 02/27/2014
Test Date: 03/14/2014
Run No: CP140161

Nitrogen: 0.249
CO2: 0.414
Methane: 89.112
Ethane: 5.582
Propane: 2.667
I-Butane: 0.503
N-Butane: 0.649
I-Pentane: 0.235
N-Pentane: 0.160
Hexane+: 0.429

BTU: 1147.7
GPM: 18.1840
SPG: 0.6496



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

Analysis No: CP140160
Cust No: 18300-25520

Well/Lease Information

Customer Name: CONOCO PHILLIPS COMPANY
Well Name: SAN JUAN 28-6 #67 CSG
County/State: RIO ARRIBA
Location:
Field: AREA 24
Formation:
Cust. Str. No.: 71888
AM02346492NO
API 3003907097

Source: CASING
Pressure: 200 PSIG
Sample Temp: DEG. F
Well Flowing: N
Date Sampled: 02/27/2014
Sampled By: CHARLE WELLS
Foreman/Engr.:

OIL CONS. DIV DIST. 3

MAY 14 2014

Remarks:

Analysis

Component:	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	0.521	0.0570	0.00	0.0050
CO2	0.426	0.0730	0.00	0.0065
Methane	88.890	15.1080	897.79	0.4924
Ethane	5.542	1.4860	98.08	0.0575
Propane	2.608	0.7200	65.62	0.0397
Iso-Butane	0.498	0.1630	16.19	0.0100
N-Butane	0.651	0.2060	21.24	0.0131
I-Pentane	0.241	0.0880	9.64	0.0060
N-Pentane	0.166	0.0600	6.65	0.0041
Hexane Plus	0.457	0.2040	24.09	0.0151
Total	100.000	18.1650	1139.30	0.6494

* @ 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): 1145.1
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1125.2
REAL SPECIFIC GRAVITY: 0.651

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

DRY BTU @ 14.650: 1138.9
DRY BTU @ 14.696: 1142.5
DRY BTU @ 14.730: 1145.1
DRY BTU @ 15.025: 1168.0

CYLINDER #: 4069
CYLINDER PRESSURE: 205 PSIG
DATE RUN: 3/14/14 12:00 AM
ANALYSIS RUN BY: LOGAN CHENEY



CONOCO PHILLIPS COMPANY
WELL ANALYSIS COMPARISON

Lease: SAN JUAN 28-6 #67 CSG
Stn. No.: 71888
Mtr. No.: AM02346492NO

CASING

03/20/2014
18300-25520

Smpl Date: 02/27/2014
Test Date: 03/14/2014
Run No: CP140160
Nitrogen: 0.521
CO2: 0.426
Methane: 88.890
Ethane: 5.542
Propane: 2.608
I-Butane: 0.498
N-Butane: 0.651
I-Pentane: 0.241
N-Pentane: 0.166
Hexane+: 0.457
BTU: 1145.1
GPM: 18.1650
SPG: 0.6510