



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

Analysis No: CP140197
Cust No: 18300-25670

Well/Lease Information

Customer Name: CONOCO PHILLIPS COMPANY
Well Name: SAN JUAN 28-5 #64
County/State: RIO ARRIBA NM
Location:
Field:
Formation:
Cust. Stn. No.: 73527
API 300397321
WO 9952572

Source: INTERMEDIATE
Pressure: 182 PSIG
Sample Temp: DEG. F
Well Flowing: N
Date Sampled: 02/25/2014
Sampled By: J. BOWMAN
Foreman/Engr.:

OIL CONS. DIV DIST. 3

MAY 14 2014

Remarks: AREA 25

Analysis

Component:	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	0.322	0.0360	0.00	0.0031
CO2	0.002	0.0000	0.00	0.0000
Methane	88.416	15.0270	893.00	0.4897
Ethane	6.529	1.7510	115.54	0.0678
Propane	2.848	0.7870	71.66	0.0434
Iso-Butane	0.496	0.1630	16.13	0.0100
N-Butane	0.677	0.2140	22.09	0.0136
I-Pentane	0.226	0.0830	9.04	0.0056
N-Pentane	0.160	0.0580	6.41	0.0040
Hexane Plus	0.324	0.1450	17.08	0.0107
Total	100.000	18.2640	1150.95	0.6479

* @ 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): 1156.9
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1136.8
REAL SPECIFIC GRAVITY: 0.6495

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

DRY BTU @ 14.650: 1150.6
DRY BTU @ 14.696: 1154.2
DRY BTU @ 14.730: 1156.9
DRY BTU @ 15.025: 1180.1

CYLINDER #: 0114
CYLINDER PRESSURE: 174 PSIG
DATE RUN: 3/25/14 2:38 PM
ANALYSIS RUN BY: PATRICIA KING



CONOCO PHILLIPS COMPANY
WELL ANALYSIS COMPARISON

Lease: SAN JUAN 28-5 #64
Stn. No.: 73527
Mtr. No.: API 300397321

INTERMEDIATE

03/26/2014
18300-25670

Smpl Date: 02/25/2014
Test Date: 03/25/2014
Run No: CP140197

Nitrogen: 0.322
CO2: 0.002
Methane: 88.416
Ethane: 6.529
Propane: 2.848
I-Butane: 0.496
N-Butane: 0.677
I-Pentane: 0.226
N-Pentane: 0.160
Hexane+: 0.324

BTU: 1156.9
GPM: 18.2640
SPG: 0.6495



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

Analysis No: CP140196
Cust No: 18300-25665

Well/Lease Information

Customer Name: CONOCO PHILLIPS COMPANY
Well Name: SAN JUAN 28-5 #64
County/State: RIO ARRIBA NM
Location:
Field:
Formation:
Cust. Stn. No.: 7352701
API 300397321
WO 9952572

Source: CASING
Pressure: 155 PSIG
Sample Temp: DEG. F
Well Flowing: N
Date Sampled: 02/25/2014
Sampled By: J. BOWMAN
Foreman/Engr.:

OIL CONS. DIV DIST. 3

Remarks: AREA 25

MAY 14 2014

Analysis

Component:	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	0.170	0.0190	0.00	0.0016
CO2	0.973	0.1670	0.00	0.0148
Methane	82.654	14.0580	834.81	0.4578
Ethane	8.755	2.3490	154.94	0.0909
Propane	3.465	0.9580	87.18	0.0528
Iso-Butane	0.758	0.2490	24.65	0.0152
N-Butane	1.255	0.3970	40.94	0.0252
I-Pentane	0.641	0.2350	25.65	0.0160
N-Pentane	0.506	0.1840	20.28	0.0126
Hexane Plus	0.823	0.3680	43.38	0.0272
Total	100.000	18.9840	1231.83	0.7141

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.0035
BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 1239.0
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1217.4
REAL SPECIFIC GRAVITY: 0.7163

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

DRY BTU @ 14.650: 1232.3
DRY BTU @ 14.696: 1236.1
DRY BTU @ 14.730: 1239.0
DRY BTU @ 15.025: 1263.8

CYLINDER #: 232
CYLINDER PRESSURE: 147 PSIG
DATE RUN: 3/25/14 2:37 PM
ANALYSIS RUN BY: PATRICIA KING



CONOCO PHILLIPS COMPANY
WELL ANALYSIS COMPARISON

Lease: SAN JUAN 28-5 #64
Stn. No.: 7352701
Mtr. No.: API 300397321

CASING

03/26/2014
18300-25665

Smpl Date: 02/25/2014
Test Date: 03/25/2014
Run No: CP140196
Nitrogen: 0.170
CO2: 0.973
Methane: 82.654
Ethane: 8.755
Propane: 3.465
I-Butane: 0.758
N-Butane: 1.255
I-Pentane: 0.641
N-Pentane: 0.506
Hexane+: 0.823
BTU: 1239.0
GPM: 18.9840
SPG: 0.7163