



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

Analysis No: CP140164
Cust No: 18300-25530

Well/Lease Information

Customer Name: CONOCO PHILLIPS COMPANY
Well Name: SAN JUAN 28-6 #169 CSG
County/State: RIO ARRIBA
Location:
Field: AREA 24
Formation:
Cust. Stn. No.: 87445
AM02341470NO
API 3003920477

Source: CASING
Pressure: 170 PSIG
Sample Temp: DEG. F
Well Flowing: N
Date Sampled: 02/27/2014
Sampled By: CHARLIE WELLS
Foreman/Engr.:

OIL CONS. DIV DIST. 3

MAY 14 2014

Remarks:

Analysis

Component::	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	0.128	0.0140	0.00	0.0012
CO2	1.207	0.2060	0.00	0.0183
Methane	92.443	15.7090	933.67	0.5120
Ethane	3.328	0.8920	58.90	0.0346
Propane	1.611	0.4450	40.53	0.0245
Iso-Butane	0.286	0.0940	9.30	0.0057
N-Butane	0.274	0.0870	8.94	0.0055
I-Pentane	0.148	0.0540	5.92	0.0037
N-Pentane	0.084	0.0310	3.37	0.0021
Hexane Plus	0.491	0.2190	25.88	0.0162
Total	100.000	17.7510	1086.51	0.6240

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.0026
BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 1091.8
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1072.8
REAL SPECIFIC GRAVITY: 0.6253

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

DRY BTU @ 14.650: 1085.9
DRY BTU @ 14.696: 1089.3
DRY BTU @ 14.730: 1091.8
DRY BTU @ 15.025: 1113.7

CYLINDER #: 4200
CYLINDER PRESSURE: 180 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 #169 CSG
Str. No.: 87445
Mtr. No.: AM02341470NO

CASING

03/20/2014
18300-25530

Smpl Date: 02/27/2014
Test Date: 03/14/2014
Run No: CP140164

Nitrogen: 0.128
CO2: 1.207
Methane: 92.443
Ethane: 3.328
Propane: 1.611
I-Butane: 0.286
N-Butane: 0.274
I-Pentane: 0.148
N-Pentane: 0.084
Hexane+: 0.491

BTU: 1091.8
GPM: 17.7510
SPG: 0.6253



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

Analysis No: CP140165
Cust No: 18300-19360

Well/Lease Information

Customer Name: CONOCO PHILLIPS COMPANY
Well Name: SAN JUAN 28-6 #169 INT
County/State: RIO ARRIBA NM
Location: M02-27N-06W
Field: AREA 24
Formation:
Cust. Stn. No.: 8744501
AM02341470NO
API 3003920477

Source: INTERMEDIATE
Pressure: 170 PSIG
Sample Temp: DEG. F
Well Flowing: N
Date Sampled: 02/27/2014
Sampled By: CHARLIE WELLS
Foreman/Engr.:

OIL CONS. DIV DIST. 3
MAY 14 2014

Remarks:

Analysis

Component:	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	0.177	0.0200	0.00	0.0017
CO2	1.219	0.2090	0.00	0.0185
Methane	92.578	15.7300	935.04	0.5128
Ethane	3.288	0.8810	58.19	0.0341
Propane	1.563	0.4320	39.33	0.0238
Iso-Butane	0.274	0.0900	8.91	0.0055
N-Butane	0.250	0.0790	8.16	0.0050
I-Pentane	0.136	0.0500	5.44	0.0034
N-Pentane	0.078	0.0280	3.13	0.0019
Hexane Plus	0.437	0.1950	23.03	0.0145
Total	100.000	17.7140	1081.22	0.6213

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.0025
BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 1086.4
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1067.5
REAL SPECIFIC GRAVITY: 0.6226

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

DRY BTU @ 14.650: 1080.5
DRY BTU @ 14.696: 1083.9
DRY BTU @ 14.730: 1086.4
DRY BTU @ 15.025: 1108.2

CYLINDER #: 4137
CYLINDER PRESSURE: 153 PSIG
DATE RUN: 3/10/14 1:19 PM
ANALYSIS RUN BY: DAWN BLASSINGAME



CONOCO PHILLIPS COMPANY
WELL ANALYSIS COMPARISON

Lease: SAN JUAN 28-6 #169 INT
Stn. No.: 8744501
Mtr. No.: AM02341470NO

INTERMEDIATE

03/20/2014
18300-19360

Smpl Date:	02/27/2014	08/24/2010
Test Date:	03/10/2014	08/25/2010
Run No:	CP140165	CP100651
Nitrogen:	0.177	0.196
CO2:	1.219	1.169
Methane:	92.578	93.184
Ethane:	3.288	3.641
Propane:	1.563	0.933
I-Butane:	0.274	0.229
N-Butane:	0.250	0.231
I-Pentane:	0.136	0.125
N-Pentane:	0.078	0.065
Hexane+:	0.437	0.227
BTU:	1086.4	1068.7
GPM:	17.7140	17.5980
SPG:	0.6226	0.6104