



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

Analysis No: CP140145
Cust No: 18300-25480

Well/Lease Information

Customer Name: CONOCO PHILLIPS COMPANY
Well Name: SAN JUAN 28-4 #30E CSG
County/State: RIO ARRIBA
Location:
Field: AREA 25
Formation:
Cust. Stn. No.: 9952572
API 3003929433

Source: CASING
Pressure: 211 PSIG
Sample Temp: 57 DEG. F
Well Flowing:
Date Sampled: 02/26/2014
Sampled By: LYNN HOPPE
Foreman/Engr.:

OIL CONS. DIV DIST. 3

Remarks:

MAY 14 2014

Analysis

Component::	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	0.456	0.0500	0.00	0.0044
CO2	1.942	0.3320	0.00	0.0295
Methane	89.006	15.1250	898.96	0.4930
Ethane	5.819	1.5600	102.98	0.0604
Propane	1.494	0.4130	37.59	0.0227
Iso-Butane	0.388	0.1270	12.62	0.0078
N-Butane	0.308	0.0970	10.05	0.0062
I-Pentane	0.193	0.0710	7.72	0.0048
N-Pentane	0.085	0.0310	3.41	0.0021
Hexane Plus	0.309	0.1380	16.29	0.0102
Total	100.000	17.9440	1089.61	0.6412

* @ 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): 1095.0
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1075.9
REAL SPECIFIC GRAVITY: 0.6426

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

DRY BTU @ 14.650: 1089.1
DRY BTU @ 14.696: 1092.5
DRY BTU @ 14.730: 1095.0
DRY BTU @ 15.025: 1116.9

CYLINDER #: 035A
CYLINDER PRESSURE: 200 PSIG
DATE RUN: 3/11/14 12:54 PM
ANALYSIS RUN BY: PATRICIA KING



CONOCO PHILLIPS COMPANY
WELL ANALYSIS COMPARISON

Lease: SAN JUAN 28-4 #30E CSG
Stn. No.: 9952572
Mtr. No.: API 3003929433

CASING

03/20/2014
18300-25480

Smpl Date: 02/26/2014
Test Date: 03/11/2014
Run No: CP140145
Nitrogen: 0.456
CO2: 1.942
Methane: 89.006
Ethane: 5.819
Propane: 1.494
I-Butane: 0.388
N-Butane: 0.308
I-Pentane: 0.193
N-Pentane: 0.085
Hexane+: 0.309
BTU: 1095.0
GPM: 17.9440
SPG: 0.6426



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

Analysis No: CP140291
Cust No: 18300-25855

30-039-29433

Well/Lease Information

Customer Name: CONOCO PHILLIPS COMPANY
Well Name: SAN JUAN 28-4 #30E
County/State: RIO ARriba NM
Location:
Field:
Formation: DAKOTA
Cust. Stn. No.:

Source: INTERMEDIATE
Pressure: 150 PSIG
Sample Temp: DEG. F
Well Flowing: Y
Date Sampled: 04/17/2014
Sampled By: COP
Foreman/Engr.: MICHELLE BENTSON

OIL CONS. DIV DIST. 3
MAY 14 2014

Remarks:

Analysis

Component:	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	0.466	0.0510	0.00	0.0045
CO2	2.089	0.3570	0.00	0.0317
Methane	88.713	15.0760	896.00	0.4914
Ethane	5.825	1.5620	103.08	0.0605
Propane	1.519	0.4200	38.22	0.0231
Iso-Butane	0.407	0.1340	13.24	0.0082
N-Butane	0.337	0.1070	10.99	0.0068
I-Pentane	0.213	0.0780	8.52	0.0053
N-Pentane	0.097	0.0350	3.89	0.0024
Hexane Plus	0.334	0.1490	17.61	0.0111
Total	100.000	17.9690	1091.55	0.6449

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.0027
BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 1097.0
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1077.9
REAL SPECIFIC GRAVITY: 0.6464

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

DRY BTU @ 14.650: 1091.0
DRY BTU @ 14.696: 1094.5
DRY BTU @ 14.730: 1097.0
DRY BTU @ 15.025: 1119.0

CYLINDER #: 5031
CYLINDER PRESSURE: 159 PSIG
DATE RUN: 4/19/14 3:44 PM
ANALYSIS RUN BY: CHELLE DURBIN



CONOCO PHILLIPS COMPANY
WELL ANALYSIS COMPARISON

Lease: SAN JUAN 28-4 #30E
Stn. No.:
Mtr. No.:

INTERMEDIATE
DAKOTA

04/21/2014
18300-25855

Smpl Date: 04/17/2014
Test Date: 04/19/2014
Run No: CP140291

Nitrogen: 0.466
CO2: 2.089
Methane: 88.713
Ethane: 5.825
Propane: 1.519
I-Butane: 0.407
N-Butane: 0.337
I-Pentane: 0.213
N-Pentane: 0.097
Hexane+: 0.334

BTU: 1097.0
GPM: 17.9690
SPG: 0.6464