

SEP 14 2015

2030 Afton Place
Farmington, NM 87401
(505) 325-6622Analysis No: CP140695
Cust No: 18300-26460**Well/Lease Information**

Customer Name: CONOCO PHILLIPS COMPANY
 Well Name: SAN JUAN 31-6 #301 SWD INTRM
 County/State: RIO ARRIBA NM
 Location:
 Field:
 Formation: ENTRADA
 Cust. Strn. No.: AM065033NO

Source: INTERMEDIATE
 Pressure: 44 PSIG
 Sample Temp: 80 DEG. F
 Well Flowing: Y
 Date Sampled: 08/07/2014
 Sampled By: DAVID AGUIRRE
 Foreman/Engr.:

Remarks:

Analysis

Component::	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	0.301	0.0330	0.00	0.0029
CO2	0.014	0.0020	0.00	0.0002
Methane	86.893	14.7710	877.62	0.4813
Ethane	7.448	1.9970	131.81	0.0773
Propane	3.308	0.9140	83.23	0.0504
Iso-Butane	0.467	0.1530	15.19	0.0094
N-Butane	0.733	0.2320	23.91	0.0147
I-Pentane	0.210	0.0770	8.40	0.0052
N-Pentane	0.166	0.0600	6.65	0.0041
Hexane Plus	0.460	0.2060	24.25	0.0152
Total	100.000	18.4450	1171.06	0.6608

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.003

BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 1177.3

BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1156.8

REAL SPECIFIC GRAVITY: 0.6625

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

DRY BTU @ 14.650: 1170.9

DRY BTU @ 14.696: 1174.6

DRY BTU @ 14.730: 1177.3

DRY BTU @ 15.025: 1200.9

CYLINDER #: 6126

CYLINDER PRESSURE: 41 PSIG

DATE RUN: 8/14/14 9:35 AM

ANALYSIS RUN BY: PATRICIA KING



CONOCO PHILLIPS COMPANY
WELL ANALYSIS COMPARISON

Lease: SAN JUAN 31-6 #301 SWD INTRM
Stn. No.:
Mtr. No.: AM065033NO

INTERMEDIATE
ENTRADA

08/19/2014
18300-26460

Smpl Date: 08/07/2014
Test Date: 08/14/2014
Run No: CP140695

Nitrogen: 0.301
CO2: 0.014
Methane: 86.893
Ethane: 7.448
Propane: 3.308
I-Butane: 0.467
N-Butane: 0.733
I-Pentane: 0.210
N-Pentane: 0.166
Hexane+: 0.460

BTU: 1177.3
GPM: 18.4450
SPG: 0.6625