



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

Analysis No: CP140154
Cust No: 18300-18905

30-039-07197

Well/Lease Information

Customer Name: CONOCO PHILLIPS COMPANY
Well Name: SAN JUAN 28-6 #38 CSG
County/State: RIO ARRIBA NM
Location: P05-27N-06W
Field: AREA 24
Formation: MESA VERDE
Cust. Stn. No.: 71139
AM02345922NO
API 3003097197

Source: CASING
Pressure: 170 PSIG
Sample Temp: DEG. F
Well Flowing: N
Date Sampled: 02/26/2014
Sampled By: CHARLIE WELLS
Foreman/Engr.:

OIL CONS. DIV DIST. 3
MAY 14 2014

Remarks:

Analysis

Component::	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	0.245	0.0270	0.00	0.0024
CO2	1.022	0.1750	0.00	0.0155
Methane	84.729	14.4080	855.76	0.4693
Ethane	7.239	1.9420	128.11	0.0752
Propane	3.445	0.9520	86.68	0.0525
Iso-Butane	0.667	0.2190	21.69	0.0134
N-Butane	1.033	0.3270	33.70	0.0207
I-Pentane	0.465	0.1710	18.60	0.0116
N-Pentane	0.349	0.1270	13.99	0.0087
Hexane Plus	0.806	0.3610	42.48	0.0267
Total	100.000	18.7090	1201.02	0.6959

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.0033
BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 1207.8
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1186.8
REAL SPECIFIC GRAVITY: 0.6979

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

DRY BTU @ 14.650: 1201.2
DRY BTU @ 14.696: 1205.0
DRY BTU @ 14.730: 1207.8
DRY BTU @ 15.025: 1232.0

CYLINDER #: 4151
CYLINDER PRESSURE: 125 PSIG
DATE RUN: 3/10/14 1:05 PM
ANALYSIS RUN BY: PATRICIA KING



CONOCO PHILLIPS COMPANY
WELL ANALYSIS COMPARISON

Lease: SAN JUAN 28-6 #38 CSG
Stn. No.: 71139
Mtr. No.: AM02345922NO

CASING
MESA VERDE

03/20/2014
18300-18905

Smpl Date:	02/26/2014	07/12/2010
Test Date:	03/10/2014	07/15/2010
Run No:	CP140154	CP100479
Nitrogen:	0.245	0.257
CO2:	1.022	0.894
Methane:	84.729	85.664
Ethane:	7.239	7.258
Propane:	3.445	3.231
I-Butane:	0.667	0.577
N-Butane:	1.033	0.846
I-Pentane:	0.465	0.351
N-Pentane:	0.349	0.256
Hexane+:	0.806	0.666
BTU:	1207.8	1187.2
GPM:	18.7090	18.5590
SPG:	0.6979	0.6829



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

Analysis No: CP140155
Cust No: 18300-18910

Well/Lease Information

Customer Name: CONOCO PHILLIPS COMPANY
Well Name: SAN JUAN 28-6 #38 INT
County/State: RIO ARRIBA NM
Location: P05-27N-06W
Field: AREA 24
Formation: MESA VERDE
Cust. Stn. No.: 71139
AM02345922NO
API 3003097197

Source: INTERMEDIATE
Pressure: 525 PSIG
Sample Temp: DEG. F
Well Flowing: N
Date Sampled: 02/26/2014
Sampled By: CHARLIE WELLS
Foreman/Engr.:

OIL CONS. DIV DIST. 3
MAY 14 2014

Remarks:

Analysis

Component:	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	0.470	0.0520	0.00	0.0045
CO2	0.032	0.0050	0.00	0.0005
Methane	88.169	14.9870	890.51	0.4884
Ethane	5.739	1.5390	101.56	0.0596
Propane	3.488	0.9630	87.76	0.0531
Iso-Butane	0.564	0.1850	18.34	0.0113
N-Butane	0.823	0.2600	26.85	0.0165
I-Pentane	0.237	0.0870	9.48	0.0059
N-Pentane	0.165	0.0600	6.61	0.0041
Hexane Plus	0.313	0.1400	16.50	0.0104
Total	100.000	18.2780	1157.62	0.6543

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.0029
BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 1163.7
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1143.5
REAL SPECIFIC GRAVITY: 0.6559

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

DRY BTU @ 14.650: 1157.4
DRY BTU @ 14.696: 1161.0
DRY BTU @ 14.730: 1163.7
DRY BTU @ 15.025: 1187.0

CYLINDER #: 4043
CYLINDER PRESSURE: 542 PSIG
DATE RUN: 3/10/14 1:06 PM
ANALYSIS RUN BY: DAWN BLASSINGAME



CONOCO PHILLIPS COMPANY
WELL ANALYSIS COMPARISON

Lease: SAN JUAN 28-6 #38 INT
Stn. No.: 71139
Mtr. No.: AM02345922

INTERMEDIATE
MESA VERDE

03/20/2014
18300-18910

Smpl Date:	02/26/2014	07/12/2010
Test Date:	03/10/2014	07/15/2010
Run No:	CP140155	CP100480
Nitrogen:	0.470	12.199
CO2:	0.032	0.216
Methane:	88.169	77.682
Ethane:	5.739	5.014
Propane:	3.488	2.942
I-Butane:	0.564	0.469
N-Butane:	0.823	0.696
I-Pentane:	0.237	0.215
N-Pentane:	0.165	0.156
Hexane+:	0.313	0.411
BTU:	1163.7	1026.8
GPM:	18.2780	17.4410
SPG:	0.6559	0.6962