



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

Analysis No: CP130712
Cust No: 18300-25055

30-039-22625

Well/Lease Information

Customer Name: CONOCO PHILLIPS COMPANY
Well Name: SJ 28-7 #134E
County/State: RIO ARriba NM
Location: E28-07N-21W
Field:
Formation: DAKOTA
Cust. Str. No.: 94221
AM01885483NO

Source: BRADENHEAD
Pressure: 671 PSIG
Sample Temp: DEG. F
Well Flowing: Y
Date Sampled: 07/18/2013
Sampled By: JUAN CARDENAS
Foreman/Engr.:

Remarks:

OIL CONS. DIV DIST. 3
MAY 14 2014

Analysis

Component::	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	0.168	0.0190	0.00	0.0016
CO2	0.204	0.0350	0.00	0.0031
Methane	89.630	15.2320	905.26	0.4965
Ethane	5.964	1.5990	105.54	0.0619
Propane	2.580	0.7130	64.92	0.0393
Iso-Butane	0.409	0.1340	13.30	0.0082
N-Butane	0.558	0.1760	18.20	0.0112
I-Pentane	0.160	0.0590	6.40	0.0040
N-Pentane	0.111	0.0400	4.45	0.0028
Hexane Plus	0.216	0.0970	11.39	0.0071
Total	100.000	18.1040	1129.46	0.6357

* @ 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): 1135.1

BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1115.3

REAL SPECIFIC GRAVITY: 0.6372

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

DRY BTU @ 14.650: 1128.9

DRY BTU @ 14.696: 1132.5

DRY BTU @ 14.730: 1135.1

DRY BTU @ 15.025: 1157.8

CYLINDER #: 6189

CYLINDER PRESSURE: 596 PSIG

DATE RUN: 7/19/13 10:21 AM

ANALYSIS RUN BY: PATRICIA KING



CONOCO PHILLIPS COMPANY
WELL ANALYSIS COMPARISON

Lease: SJ 28-7 #134E
Stn. No.: 94221
Mtr. No.: AM01885483NO

BRADENHEAD
DAKOTA

04/14/2014
18300-25055

Smpl Date: 07/18/2013
Test Date: 07/19/2013
Run No: CP130712

Nitrogen: 0.168
CO2: 0.204
Methane: 89.630
Ethane: 5.964
Propane: 2.580
I-Butane: 0.409
N-Butane: 0.558
I-Pentane: 0.160
N-Pentane: 0.111
Hexane+: 0.216

BTU: 1135.1
GPM: 18.1040
SPG: 0.6372



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

Analysis No: CP130714
Cust No: 18300-25065

Well/Lease Information

Customer Name: CONOCO PHILLIPS COMPANY
Well Name: SJ 28-7 #134E
County/State: RIO ARriba NM
Location: E28-07N-21W
Field:
Formation: DAKOTA
Cust. Stn. No.: 94221
AM01885483NO

Source: INTERMEDIATE
Pressure: 678 PSIG
Sample Temp: DEG. F
Well Flowing: Y
Date Sampled: 07/18/2013
Sampled By: JUAN CARDENAS
Foreman/Engr.:

Remarks:

OIL CONS. DIV DIST. 3
MAY 14 2014

Analysis

Component::	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	0.172	0.0190	0.00	0.0017
CO2	0.206	0.0350	0.00	0.0031
Methane	89.700	15.2440	905.97	0.4968
Ethane	5.940	1.5920	105.12	0.0617
Propane	2.568	0.7090	64.61	0.0391
Iso-Butane	0.406	0.1330	13.20	0.0081
N-Butane	0.554	0.1750	18.07	0.0111
I-Pentane	0.156	0.0570	6.24	0.0039
N-Pentane	0.107	0.0390	4.29	0.0027
Hexane Plus	0.191	0.0850	10.07	0.0063
Total	100.000	18.0880	1127.58	0.6345

* @ 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): 1133.2
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1113.5
REAL SPECIFIC GRAVITY: 0.636

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

DRY BTU @ 14.650: 1127.0
DRY BTU @ 14.696: 1130.6
DRY BTU @ 14.730: 1133.2
DRY BTU @ 15.025: 1155.9

CYLINDER #: 4139
CYLINDER PRESSURE: 606 PSIG
DATE RUN: 7/19/13 10:23 AM
ANALYSIS RUN BY: DAWN BLASSINGAME



CONOCO PHILLIPS COMPANY
WELL ANALYSIS COMPARISON

Lease: SJ 28-7 #134E
Stn. No.: 94221
Mtr. No.: AM01885483NO

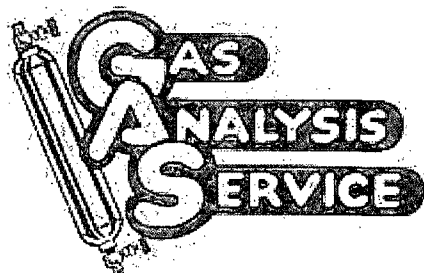
INTERMEDIATE
DAKOTA

04/14/2014
18300-25065

Smpl Date: 07/18/2013
Test Date: 07/19/2013
Run No: CP130714

Nitrogen: 0.172
CO2: 0.206
Methane: 89.700
Ethane: 5.940
Propane: 2.568
I-Butane: 0.406
N-Butane: 0.554
I-Pentane: 0.156
N-Pentane: 0.107
Hexane+: 0.191

BTU: 1133.2
GPM: 18.0880
SPG: 0.6360



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

Analysis No: CP130713
Cust No: 18300-25060

Well/Lease Information

Customer Name: CONOCO PHILLIPS COMPANY
Well Name: SJ 28-7 #134E
County/State: RIO ARRIBA NM
Location: E28-07N-21W
Field:
Formation: DAKOTA
Cust. Str. No.: 94221
AM01885483NO

Source: CASING
Pressure: 99 PSIG
Sample Temp: DEG. F
Well Flowing: Y
Date Sampled: 07/18/2013
Sampled By: JUAN CARDENAS
Foreman/Engr.:

Remarks:

OIL CONS. DIV DIST. 3
MAY 14 2014

Analysis

Component::	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	0.170	0.0190	0.00	0.0016
CO2	1.092	0.1870	0.00	0.0166
Methane	77.629	13.2100	784.05	0.4300
Ethane	11.700	3.1410	207.05	0.1215
Propane	4.843	1.3390	121.85	0.0737
Iso-Butane	0.946	0.3110	30.76	0.0190
N-Butane	1.400	0.4430	45.67	0.0281
I-Pentane	0.663	0.2430	26.53	0.0165
N-Pentane	0.449	0.1630	18.00	0.0112
Hexane Plus	1.108	0.4960	58.40	0.0367
Total	100.000	19.5520	1292.33	0.7549

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.004
BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 1300.5
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1277.9
REAL SPECIFIC GRAVITY: 0.7576

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

DRY BTU @ 14.650: 1293.4
DRY BTU @ 14.696: 1297.5
DRY BTU @ 14.730: 1300.5
DRY BTU @ 15.025: 1326.5

CYLINDER #: 4241
CYLINDER PRESSURE: 86 PSIG
DATE RUN: 7/19/13 10:22 AM
ANALYSIS RUN BY: PATRICIA KING



CONOCO PHILLIPS COMPANY
WELL ANALYSIS COMPARISON

Lease: SJ 28-7 #134E
Stn. No.: 94221
Mtr. No.: AM01885483NO

CASING
DAKOTA

04/14/2014
18300-25060

Smpl Date: 07/18/2013
Test Date: 07/19/2013
Run No: CP130713
Nitrogen: 0.170
CO2: 1.092
Methane: 77.629
Ethane: 11.700
Propane: 4.843
I-Butane: 0.946
N-Butane: 1.400
I-Pentane: 0.663
N-Pentane: 0.449
Hexane+: 1.108
BTU: 1300.5
GPM: 19.5520
SPG: 0.7576