



API #3003930644

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

Analysis No: CP150082

Cust No: 18300-19100

Well/Lease Information

Customer Name: CONOCO PHILLIPS COMPANY

Well Name: SJ 30-5 #72M

County/State: RIO ARRIBA NM

Location: P10-30N-05W

Field:

Formation: MV/DK

Cust. Stn. No.: AM02429802NO

Source:

CASING

Pressure: 170 PSIG

Sample Temp: DEG. F

Well Flowing: Y

Date Sampled: 02/05/2015

Sampled By: DARRELL QUINTANA

Foreman/Engr.: ROB POWELL

OIL CONS. DIV DIST. 3

AUG 05 2015

Remarks:

Analysis

Component::	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	0.130	0.0140	0.00	0.0013
CO2	0.508	0.0870	0.00	0.0077
Methane	96.281	16.3540	972.44	0.5333
Ethane	1.759	0.4710	31.13	0.0183
Propane	0.730	0.2020	18.37	0.0111
Iso-Butane	0.128	0.0420	4.16	0.0026
N-Butane	0.193	0.0610	6.30	0.0039
I-Pentane	0.067	0.0250	2.68	0.0017
N-Pentane	0.050	0.0180	2.00	0.0012
Hexane Plus	0.154	0.0690	8.12	0.0051
Total	100.000	17.3430	1045.20	0.5861

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.0022

BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 1049.9

BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1031.6

REAL SPECIFIC GRAVITY: 0.5872

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

DRY BTU @ 14.650: 1044.2

DRY BTU @ 14.696: 1047.5

DRY BTU @ 14.730: 1049.9

DRY BTU @ 15.025: 1070.9

CYLINDER #: 6211

CYLINDER PRESSURE: 170 PSIG

DATE RUN: 2/19/15 12:52 PM

ANALYSIS RUN BY: JENNIFER DEAN



CONOCO PHILLIPS COMPANY
WELL ANALYSIS COMPARISON

Lease: SJ 30-5 #72M
Stn. No.: AM02429802NO
Mtr. No.:

CASING
MV/DK

03/04/2015
18300-19100

Smpl Date:	02/05/2015	06/20/2014	07/07/2010
Test Date:	02/19/2015	06/24/2014	07/08/2010
Run No:	CP150082	CP140525	CP100517
Nitrogen:	0.130	0.105	0.483
CO2:	0.508	0.530	0.802
Methane:	96.281	96.353	93.633
Ethane:	1.759	1.740	3.718
Propane:	0.730	0.711	0.825
I-Butane:	0.128	0.118	0.160
N-Butane:	0.193	0.172	0.136
I-Pentane:	0.067	0.052	0.058
N-Pentane:	0.050	0.038	0.031
Hexane+:	0.154	0.181	0.154
BTU:	1049.9	1049.2	1058.4
GPM:	17.3430	17.3390	17.5110
SPG:	0.5872	0.5868	0.6011



API #3003930644

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

Analysis No: CP150083

Cust No: 18300-19105

Well/Lease Information

Customer Name: CONOCO PHILLIPS COMPANY

Well Name: SJ 30-5 #72M

County/State: RIO ARRIBA NM

Location: P10-30N-05W

Field:

Formation: MV/DK

Cust. Stn. No.: AM02429802NO

Source: INTERMEDIATE

Pressure: 1100 PSIG

Sample Temp: DEG. F

Well Flowing: Y

Date Sampled: 02/05/2015

Sampled By: DARRELL QUINTANA

Foreman/Engr.: ROB POWELL

OIL CONS. DIV DIST. 3**AUG 05 2015**

Remarks:

Analysis

Component::	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	0.122	0.0130	0.00	0.0012
CO2	0.501	0.0860	0.00	0.0076
Methane	96.527	16.3960	974.92	0.5347
Ethane	1.688	0.4520	29.87	0.0175
Propane	0.684	0.1890	17.21	0.0104
Iso-Butane	0.116	0.0380	3.77	0.0023
N-Butane	0.170	0.0540	5.55	0.0034
I-Pentane	0.054	0.0200	2.16	0.0013
N-Pentane	0.038	0.0140	1.52	0.0009
Hexane Plus	0.100	0.0450	5.27	0.0033
Total	100.000	17.3070	1040.28	0.5827

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.0022

BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 1045.0

BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1026.8

REAL SPECIFIC GRAVITY: 0.5838

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

DRY BTU @ 14.650: 1039.3

DRY BTU @ 14.696: 1042.6

DRY BTU @ 14.730: 1045.0

DRY BTU @ 15.025: 1065.9

CYLINDER #: 6121

CYLINDER PRESSURE: 591 PSIG

DATE RUN: 2/19/15 12:55 PM

ANALYSIS RUN BY: PATRICIA KING



CONOCO PHILLIPS COMPANY
WELL ANALYSIS COMPARISON

Lease: SJ 30-5 #72M
Stn. No.: AM02429802NO
Mtr. No.:

INTERMEDIATE
MV/DK

03/04/2015
18300-19105

Smpl Date:	02/05/2015	06/20/2014	07/07/2010
Test Date:	02/19/2015	06/24/2014	07/08/2010
Run No:	CP150083	CP140526	CP100518
Nitrogen:	0.122	0.159	0.104
CO2:	0.501	0.543	0.246
Methane:	96.527	96.441	96.985
Ethane:	1.688	1.727	1.574
Propane:	0.684	0.699	0.628
I-Butane:	0.116	0.117	0.107
N-Butane:	0.170	0.163	0.154
I-Pentane:	0.054	0.048	0.051
N-Pentane:	0.038	0.033	0.037
Hexane+:	0.100	0.070	0.114
BTU:	1045.0	1043.0	1046.0
GPM:	17.3070	17.2980	17.2860
SPG:	0.5838	0.5836	0.5800