



OIL CONS. DIV DIST. 3

JUL 28 2015

API #3003920644

2030 Afton Place
Farmington, NM 87401
(505) 325-6622Analysis No: CP150310
Cust No: 18300-18975**Well/Lease Information**Customer Name: CONOCO PHILLIPS COMPANY
Well Name: SJ 28-7 #186 DK CSG
County/State: RIO ARRIBA NM
Location: K13-28N-07W
Field:
Formation:
Cust. Stn. No.: 87808
AM01885453NOSource: CASING
Pressure: 202 PSIG
Sample Temp: 78 DEG. F
Well Flowing: N
Date Sampled: 06/18/2015
Sampled By: MATT VALDEZ
Foreman/Engr.: NATHAN B.

Remarks:

Analysis

Component::	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	0.150	0.0170	0.00	0.0015
CO2	1.441	0.2470	0.00	0.0219
Methane	90.428	15.3660	913.32	0.5009
Ethane	5.499	1.4740	97.32	0.0571
Propane	1.246	0.3440	31.35	0.0190
Iso-Butane	0.373	0.1220	12.13	0.0075
N-Butane	0.268	0.0850	8.74	0.0054
I-Pentane	0.196	0.0720	7.84	0.0049
N-Pentane	0.085	0.0310	3.41	0.0021
Hexane Plus	0.314	0.1400	16.55	0.0104
Total	100.000	17.8980	1090.66	0.6305

* @ 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): 1096.0
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1076.9
REAL SPECIFIC GRAVITY: 0.6319GPM, BTU, and SPG calculations as shown
above are based on current GPA factors.DRY BTU @ 14.650: 1090.0
DRY BTU @ 14.696: 1093.5
DRY BTU @ 14.730: 1096.0
DRY BTU @ 15.025: 1117.9CYLINDER #: 046
CYLINDER PRESSURE: 130 PSIG
DATE RUN: 6/19/15 12:00 AM
ANALYSIS RUN BY: PATRICIA KING



CONOCO PHILLIPS COMPANY
WELL ANALYSIS COMPARISON

Lease: SJ 28-7 #186 DK CSG
Stn. No.: 87808
Mtr. No.: AM01885453NO

CASING

06/19/2015
18300-18975

Smpl Date:	06/18/2015	07/12/2010
Test Date:	06/19/2015	07/15/2010
Run No:	CP150310	CP100492
Nitrogen:	0.150	0.124
CO2:	1.441	1.354
Methane:	90.428	90.942
Ethane:	5.499	5.192
Propane:	1.246	1.158
I-Butane:	0.373	0.357
N-Butane:	0.268	0.255
I-Pentane:	0.196	0.189
N-Pentane:	0.085	0.084
Hexane+:	0.314	0.345
BTU:	1096.0	1094.0
GPM:	17.8980	17.8700
SPG:	0.6319	0.6289



OIL CONS. DIV DIST. 3

JUL 28 2015

API #3003920644

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

Analysis No: CP150311

Cust No: 18300-18980

Well/Lease Information

Customer Name: CONOCO PHILLIPS COMPANY
Well Name: SJ 28-7 #186 DK INT
County/State: RIO ARriba NM
Location: K13-28N-07W
Field:
Formation:
Cust. Stn. No.: 87808
AM01885453NO

Source: INTERMEDIATE
Pressure: 150 PSIG
Sample Temp: 78 DEG. F
Well Flowing: N
Date Sampled: 06/18/2015
Sampled By: MATT VALDEZ
Foreman/Engr.: NATHAN B.

Remarks:

Analysis

Component::	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	0.122	0.0130	0.00	0.0012
CO2	1.442	0.2470	0.00	0.0219
Methane	90.390	15.3600	912.94	0.5007
Ethane	5.506	1.4760	97.44	0.0572
Propane	1.252	0.3460	31.50	0.0191
Iso-Butane	0.375	0.1230	12.19	0.0075
N-Butane	0.271	0.0860	8.84	0.0054
I-Pentane	0.200	0.0730	8.00	0.0050
N-Pentane	0.088	0.0320	3.53	0.0022
Hexane Plus	0.354	0.1580	18.66	0.0117
Total	100.000	17.9140	1093.11	0.6318

* @ 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): 1098.5
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1079.4
REAL SPECIFIC GRAVITY: 0.6332

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

DRY BTU @ 14.650: 1092.5
DRY BTU @ 14.696: 1096.0
DRY BTU @ 14.730: 1098.5
DRY BTU @ 15.025: 1120.5

CYLINDER #: A020
CYLINDER PRESSURE: 147 PSIG
DATE RUN: 6/19/15 10:21 AM
ANALYSIS RUN BY: PATRICIA KING



CONOCO PHILLIPS COMPANY
WELL ANALYSIS COMPARISON

Lease: SJ 28-7 #186 DK INT
Stn. No.: 87808
Mtr. No.: AM01885453NO

INTERMEDIATE

06/19/2015
18300-18980

Smpl Date:	06/18/2015	07/12/2010
Test Date:	06/19/2015	07/15/2010
Run No:	CP150311	CP100493
Nitrogen:	0.122	0.139
CO2:	1.442	1.344
Methane:	90.390	90.870
Ethane:	5.506	5.223
Propane:	1.252	1.168
I-Butane:	0.375	0.358
N-Butane:	0.271	0.254
I-Pentane:	0.200	0.189
N-Pentane:	0.088	0.084
Hexane+:	0.354	0.371
BTU:	1098.5	1095.4
GPM:	17.9140	17.8800
SPG:	0.6332	0.6298