



OILCONS. DIV DIST. 3

MAR 30 2016

API #3004534152

2030 Afton Place
Farmington, NM 87401
(505) 325-6622Analysis No: CP160028
Cust No: 18300-21565

Well/Lease Information

Customer Name: CONOCO PHILLIPS COMPANY
Well Name: SJ 32-8 #18
County/State: SAN JUAN NM
Location:
Field:
Formation: MV/DK
Cust. Strn. No.: 83226-013
A02405023SM

Source: CASING
Pressure: 132 PSIG
Sample Temp: DEG. F
Well Flowing: Y
Date Sampled: 03/24/2016
Sampled By: GREG DUNN
Foreman/Engr.: JOE COLLEY

Remarks: WO#: 9278096
API#: 300453415200C01

Analysis

Component::	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	0.109	0.0120	0.00	0.0011
CO2	2.882	0.4930	0.00	0.0438
Methane	94.181	15.9990	951.23	0.5217
Ethane	1.947	0.5220	34.46	0.0202
Propane	0.490	0.1350	12.33	0.0075
Iso-Butane	0.106	0.0350	3.45	0.0021
N-Butane	0.097	0.0310	3.16	0.0019
I-Pentane	0.051	0.0190	2.04	0.0013
N-Pentane	0.028	0.0100	1.12	0.0007
Hexane Plus	0.109	0.0490	5.75	0.0036
Total	100.000	17.3050	1013.53	0.6038

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.0023
BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 1018.2
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1000.5
REAL SPECIFIC GRAVITY: 0.605

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

DRY BTU @ 14.650: 1012.7
DRY BTU @ 14.696: 1015.8
DRY BTU @ 14.730: 1018.2
DRY BTU @ 15.025: 1038.6

CYLINDER #: 4166
CYLINDER PRESSURE: 140 PSIG
DATE RUN: 3/28/16 12:00 AM
ANALYSIS RUN BY: DAWN BLASSINGAME



CONOCO PHILLIPS COMPANY
WELL ANALYSIS COMPARISON

Lease: SJ 32-8 #18
Stn. No.: 83226-013
Mtr. No.: A02405023SM

CASING
MV/DK

03/28/2016
18300-21565

Smpl Date:	03/24/2016	08/03/2011
Test Date:	03/28/2016	08/05/2011
Run No:	CP160028	CP110728
Nitrogen:	0.109	0.109
CO2:	2.882	2.980
Methane:	94.181	96.511
Ethane:	1.947	0.351
Propane:	0.490	0.034
I-Butane:	0.106	0.008
N-Butane:	0.097	0.005
I-Pentane:	0.051	0.002
N-Pentane:	0.028	0.000
Hexane+:	0.109	0.000
BTU:	1018.2	986.7
GPM:	17.3050	17.0230
SPG:	0.6050	0.5864



OIL CONS. DIV DIST. 3

MAR 30 2016

API #3004534152

2030 Afton Place
Farmington, NM 87401
(505) 325-6622Analysis No: CP160029
Cust No: 18300-21560**Well/Lease Information**

Customer Name: CONOCO PHILLIPS COMPANY
Well Name: SJ 32-8 #18
County/State: SAN JUAN NM
Location:
Field:
Formation: MV/DK
Cust. Stn. No.: 83226-013
A02405023SM

Source: INTERMEDIATE
Pressure: 266 PSIG
Sample Temp: DEG. F
Well Flowing: Y
Date Sampled: 03/24/2016
Sampled By: GREG DUNN
Foreman/Engr.: JOE COLLEY

Remarks: WO#: 9278096
API#: 300453415200C01

Analysis

Component:	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	0.179	0.0200	0.00	0.0017
CO2	2.773	0.4740	0.00	0.0421
Methane	93.098	15.8150	940.29	0.5157
Ethane	2.657	0.7120	47.02	0.0276
Propane	0.688	0.1900	17.31	0.0105
Iso-Butane	0.137	0.0450	4.46	0.0027
N-Butane	0.147	0.0460	4.80	0.0029
i-Pentane	0.072	0.0260	2.88	0.0018
N-Pentane	0.035	0.0130	1.40	0.0009
Hexane Plus	0.214	0.0960	11.28	0.0071
Total	100.000	17.4370	1029.44	0.6130

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.0023
BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 1034.2
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1016.2
REAL SPECIFIC GRAVITY: 0.6142

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

DRY BTU @ 14.650: 1028.6
DRY BTU @ 14.696: 1031.8
DRY BTU @ 14.730: 1034.2
DRY BTU @ 15.025: 1054.9

CYLINDER #: 4189
CYLINDER PRESSURE: 128 PSIG
DATE RUN: 3/28/16 9:53 AM
ANALYSIS RUN BY: DAWN BLASSINGAME



CONOCO PHILLIPS COMPANY
WELL ANALYSIS COMPARISON

Lease: SJ 32-8 #18
Stn. No.: 83226-013
Mtr. No.: A02405023SM

INTERMEDIATE
MV/DK

03/28/2016
18300-21560

Smpl Date:	03/24/2016	08/03/2011
Test Date:	03/28/2016	08/05/2011
Run No:	CP160029	CP110727
Nitrogen:	0.179	0.175
CO2:	2.773	2.005
Methane:	93.098	94.722
Ethane:	2.657	2.214
Propane:	0.688	0.457
I-Butane:	0.137	0.102
N-Butane:	0.147	0.084
I-Pentane:	0.072	0.041
N-Pentane:	0.035	0.020
Hexane+:	0.214	0.180
BTU:	1034.2	1030.0
GPM:	17.4370	17.3340
SPG:	0.6142	0.5991