

SJ 31-6 Unit 301 SWD

API# 30-039-24549

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

Analysis No: CP160447
Cust No: 18300-27970



Well/Lease Information

Customer Name: CONOCO PHILLIPS COMPANY
Well Name: SAN JUAN 31-6 #301 SWD; BHD
County/State: RIO ARRIBA
Location:
Field:
Formation:
Cust. Stn. No.: 242E-48034

Source: **BRADENHEAD**
Pressure: 1 PSIG
Sample Temp: DEG. F
Well Flowing: Y
Date Sampled: 07/18/2016
Sampled By: BILLY GUNNELL
Foreman/Engr.:

OIL CONS. DIV DIST. 3
AUG 03 2016

Remarks: W/O# 21572747
PRESSURED WITH HELIUM TO 30 LBS.

Analysis

Component:	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	0.467	0.0510	0.00	0.0045
CO2	0.040	0.0070	0.00	0.0006
Methane	92.123	15.6530	930.44	0.5103
Ethane	4.454	1.1940	78.82	0.0462
Propane	1.938	0.5350	48.76	0.0295
Iso-Butane	0.274	0.0900	8.91	0.0055
N-Butane	0.383	0.1210	12.49	0.0077
I-Pentane	0.097	0.0360	3.88	0.0024
N-Pentane	0.047	0.0170	1.88	0.0012
Hexane Plus	0.177	0.0790	9.33	0.0059
Total	100.000	17.7830	1094.53	0.6138

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.0025
BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 1099.8
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1080.7
REAL SPECIFIC GRAVITY: 0.6151

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

DRY BTU @ 14.650: 1093.8
DRY BTU @ 14.696: 1097.3
DRY BTU @ 14.730: 1099.8
DRY BTU @ 15.025: 1121.8

CYLINDER #: 4026
CYLINDER PRESSURE: PSIG
DATE RUN: 7/19/16 1:45 PM
ANALYSIS RUN BY: PATRICIA KING

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CONOCO PHILLIPS COMPANY
WELL ANALYSIS COMPARISON

Lease: SAN JUAN 31-6 #301 SWD; BHD
Stn. No.: 242E-48034
Mtr. No.:

BRADENHEAD

08/02/2016
18300-27970

Smpl Date: 07/18/2016
Test Date: 07/19/2016
Run No: CP160447

Nitrogen: 0.467
CO2: 0.040
Methane: 92.123
Ethane: 4.454
Propane: 1.938
I-Butane: 0.274
N-Butane: 0.383
I-Pentane: 0.097
N-Pentane: 0.047
Hexane+: 0.177

BTU: 1099.8
GPM: 17.7830
SPG: 0.6151



SJ 31-6 Unit 301 SWD

API # 30-039-24549

2030 Afton Place
Farmington, NM 87401
(505) 325-6622Analysis No: CP160448
Cust No: 18300-26460**Well/Lease Information**Customer Name: CONOCO PHILLIPS COMPANY
Well Name: SAN JUAN 31-6 #301 SWD INTRM
County/State: RIO ARRIBA NM
Location:
Field:
Formation: ENTRADA
Cust. Stn. No.: AM065033NOSource: INTERMEDIATE
Pressure: 4 PSIG
Sample Temp: DEG. F
Well Flowing: Y
Date Sampled: 07/18/2016
Sampled By: BILLY GUNNELL
Foreman/Engr.:OIL CONS. DIV DIST. 3
AUG 03 2016Remarks: W/O# 21572747
PRESSURED WITH HELIUM TO 30 LBS.**Analysis**

Component::	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	0.330	0.0360	0.00	0.0032
CO2	0.138	0.0240	0.00	0.0021
Methane	86.874	14.7680	877.43	0.4812
Ethane	7.098	1.9030	125.61	0.0737
Propane	3.215	0.8880	80.89	0.0489
Iso-Butane	0.477	0.1570	15.51	0.0096
N-Butane	0.768	0.2430	25.05	0.0154
I-Pentane	0.235	0.0860	9.40	0.0059
N-Pentane	0.188	0.0680	7.54	0.0047
Hexane Plus	0.677	0.3030	35.69	0.0224
Total	100.000	18.4760	1177.12	0.6671

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.003
BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 1183.4
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1162.8
REAL SPECIFIC GRAVITY: 0.6688GPM, BTU, and SPG calculations as shown
above are based on current GPA factors.DRY BTU @ 14.650: 1177.0
DRY BTU @ 14.696: 1180.7
DRY BTU @ 14.730: 1183.4
DRY BTU @ 15.025: 1207.1CYLINDER #: 4097
CYLINDER PRESSURE: PSIG
DATE RUN: 7/19/16 12:00 AM
ANALYSIS RUN BY: DAWN BLASSINGAME



CONOCO PHILLIPS COMPANY
WELL ANALYSIS COMPARISON

Lease:	SAN JUAN 31-6 #301 SWD INTRM	INTERMEDIATE	08/02/2016
Stn. No.:		ENTRADA	18300-26460
Mtr. No.:	AM065033NO		

Smpl Date:	07/18/2016	08/07/2014
Test Date:	07/19/2016	08/14/2014
Run No:	CP160448	CP140695
Nitrogen:	0.330	0.301
CO2:	0.138	0.014
Methane:	86.874	86.893
Ethane:	7.098	7.448
Propane:	3.215	3.308
I-Butane:	0.477	0.467
N-Butane:	0.768	0.733
I-Pentane:	0.235	0.210
N-Pentane:	0.188	0.166
Hexane+:	0.677	0.460
BTU:	1183.4	1177.3
GPM:	18.4760	18.4450
SPG:	0.6688	0.6625