



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

Analysis No: CP170163
Cust No: 18300-25895

Well/Lease Information

Customer Name: CONOCO PHILLIPS COMPANY
Well Name: SAN JUAN 29-7 #525 BHD
County/State: RIO ARRIBA NM
Location:
Field:
Formation: DAKOTA
Cust. Stn. No.: API 3003924839
AM02316067NO

Source: BRADENHEAD
Pressure: 101 PSIG
Sample Temp: 60 DEG. F
Well Flowing: Y
Date Sampled: 04/26/2017
Sampled By: DIRK SCANLAN
Foreman/Engr.: RICHARD POYTRESS

OIL CONS. DIV DIST. 3
MAY 18 2017

Remarks: W/O # 22060580

Analysis

Component::	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	0.293	0.0320	0.00	0.0028
CO2	0.331	0.0570	0.00	0.0050
Methane	88.483	15.0390	893.68	0.4901
Ethane	5.675	1.5220	100.43	0.0589
Propane	3.499	0.9660	88.04	0.0533
Iso-Butane	0.632	0.2070	20.55	0.0127
N-Butane	0.638	0.2020	20.81	0.0128
I-Pentane	0.215	0.0790	8.60	0.0054
N-Pentane	0.128	0.0470	5.13	0.0032
Hexane Plus	0.106	0.0470	5.59	0.0035
Total	100.000	18.1980	1142.83	0.6477

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.0028
BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 1148.7
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1128.7
REAL SPECIFIC GRAVITY: 0.6493

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

DRY BTU @ 14.650: 1142.5
DRY BTU @ 14.696: 1146.0
DRY BTU @ 14.730: 1148.7
DRY BTU @ 15.025: 1171.7

CYLINDER #: 6249
CYLINDER PRESSURE: 101 PSIG
DATE RUN: 5/4/17 8:30 AM
ANALYSIS RUN BY: PATRICIA KING



CONOCO PHILLIPS COMPANY
WELL ANALYSIS COMPARISON

Lease: SAN JUAN 29-7 #525 BHD
Stn. No.: API 3003924839
Mtr. No.: AM02316067NO

BRADENHEAD
DAKOTA

05/09/2017
18300-25895

Smpl Date:	04/26/2017	04/22/2014
Test Date:	05/04/2017	04/30/2014
Run No:	CP170163	CP140314
Nitrogen:	0.293	0.208
CO2:	0.331	0.236
Methane:	88.483	90.817
Ethane:	5.675	4.812
Propane:	3.499	2.397
I-Butane:	0.632	0.456
N-Butane:	0.638	0.506
I-Pentane:	0.215	0.174
N-Pentane:	0.128	0.111
Hexane+:	0.106	0.283
BTU:	1148.7	1126.0
GPM:	18.1980	17.9900
SPG:	0.6493	0.6323



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

Analysis No: CP170164
Cust No: 18300-25900

Well/Lease Information

Customer Name: CONOCO PHILLIPS COMPANY
Well Name: SAN JUAN 29-7 #525 CSG
County/State: RIO ARRIBA NM
Location:
Field:
Formation: DAKOTA
Cust. Stn. No.: API 3003924839
AM02316067NO

Source: CASING
Pressure: 101 PSIG
Sample Temp: 60 DEG. F
Well Flowing: Y
Date Sampled: 04/26/2017
Sampled By: DIRK SCANLAN
Foreman/Engr.: RICHARD POYTRESS

OIL CONS. DIV DIST. 3
MAY 18 2017

Remarks: W/O # 22060580

Analysis

Component::	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	0.267	0.0290	0.00	0.0026
CO2	0.314	0.0540	0.00	0.0048
Methane	89.260	15.1690	901.52	0.4944
Ethane	5.508	1.4770	97.48	0.0572
Propane	3.357	0.9270	84.47	0.0511
Iso-Butane	0.613	0.2010	19.93	0.0123
N-Butane	0.556	0.1760	18.14	0.0112
I-Pentane	0.097	0.0360	3.88	0.0024
N-Pentane	0.028	0.0100	1.12	0.0007
Hexane Plus	0.000	0.0000	0.00	0.0000
Total	100.000	18.0790	1126.54	0.6366

* @ 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): 1132.2

BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1112.5

REAL SPECIFIC GRAVITY: 0.6381

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

DRY BTU @ 14.650: 1126.1

DRY BTU @ 14.696: 1129.6

DRY BTU @ 14.730: 1132.2

DRY BTU @ 15.025: 1154.9

CYLINDER #: 4020

CYLINDER PRESSURE: 111 PSIG

DATE RUN: 5/4/17 8:33 AM

ANALYSIS RUN BY: PATRICIA KING



CONOCO PHILLIPS COMPANY
WELL ANALYSIS COMPARISON

Lease: SAN JUAN 29-7 #525 CSG
Stn. No.: API 3003924839
Mtr. No.: AM02316067NO

CASING
DAKOTA

05/09/2017
18300-25900

Smpl Date:	04/26/2017	04/22/2014
Test Date:	05/04/2017	04/30/2014
Run No:	CP170164	CP140315
Nitrogen:	0.267	0.226
CO2:	0.314	0.252
Methane:	89.260	90.689
Ethane:	5.508	4.823
Propane:	3.357	2.413
I-Butane:	0.613	0.455
N-Butane:	0.556	0.510
I-Pentane:	0.097	0.179
N-Pentane:	0.028	0.114
Hexane+:	0.000	0.339
BTU:	1132.2	1128.7
GPM:	18.0790	18.0080
SPG:	0.6381	0.6345