



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

Analysis No: CP170367
Cust No: 18300-20580

Well/Lease Information

Customer Name: CONOCO PHILLIPS COMPANY
Well Name: SJ 30-6 #491S CSG
County/State: RIO ARriba NM
Location:
Field:
Formation:
Cust. Stn. No.: 078741
300392773900S01

Source: CASING
Pressure: PSIG
Sample Temp: DEG. F
Well Flowing:
Date Sampled: 06/19/2017
Sampled By: BRIAN CAIN
Foreman/Engr.: BERKELEY BROWN

OIL CONS. DIV DIST. 3

JUL 20 2017

Remarks: W/O# 9254853

Analysis

Component::	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	0.080	0.0090	0.00	0.0008
CO2	12.611	2.1570	0.00	0.1916
Methane	82.844	14.0770	836.72	0.4589
Ethane	3.374	0.9040	59.71	0.0350
Propane	0.859	0.2370	21.61	0.0131
Iso-Butane	0.079	0.0260	2.57	0.0016
N-Butane	0.080	0.0250	2.61	0.0016
I-Pentane	0.012	0.0040	0.48	0.0003
N-Pentane	0.008	0.0030	0.32	0.0002
Hexane Plus	0.053	0.0240	2.79	0.0018
Total	100.000	17.4660	926.82	0.7048

* @ 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): 931.4

BTU/CU.FT (WET) CORRECTED FOR (1/Z): 915.2

REAL SPECIFIC GRAVITY: 0.7064

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

DRY BTU @ 14.650: 926.3

DRY BTU @ 14.696: 929.3

DRY BTU @ 14.730: 931.4

DRY BTU @ 15.025: 950.1

CYLINDER #: 4042

CYLINDER PRESSURE: 15 PSIG

DATE RUN: 6/28/17 12:00 AM

ANALYSIS RUN BY: PATRICIA KING

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CONOCO PHILLIPS COMPANY
WELL ANALYSIS COMPARISON

Lease: SJ 30-6 #491S CSG
Stn. No.: 078741
Mtr. No.: 300392773900S01

CASING

07/19/2017
18300-20580

Smpl Date:	06/19/2017	05/13/2011
Test Date:	06/28/2017	05/16/2011
Run No:	CP170367	CP110279
Nitrogen:	0.080	18.999
CO2:	12.611	20.019
Methane:	82.844	60.286
Ethane:	3.374	0.533
Propane:	0.859	0.125
I-Butane:	0.079	0.014
N-Butane:	0.080	0.016
I-Pentane:	0.012	0.004
N-Pentane:	0.008	0.004
Hexane+:	0.053	0.000
BTU:	931.4	625.5
GPM:	17.4660	15.9460
SPG:	0.7064	0.8315



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

Analysis No: CP170366
Cust No: 18300-20575

Well/Lease Information

Customer Name: CONOCO PHILLIPS COMPANY
Well Name: SJ 30-6 #491S BHD
County/State: RIO ARRIBA NM
Location:
Field:
Formation:
Cust. Stn. No.: 078741
300392773900S01

Source: BRADENHEAD
Pressure: PSIG
Sample Temp: DEG. F
Well Flowing: N
Date Sampled: 06/19/2017
Sampled By: BRIAN CAIN
Foreman/Engr.: BERKELEY BROWN

Remarks: W/O# 9254853

Analysis

Component::	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	0.104	0.0110	0.00	0.0010
CO2	12.614	2.1580	0.00	0.1917
Methane	82.821	14.0740	836.49	0.4587
Ethane	3.371	0.9040	59.66	0.0350
Propane	0.859	0.2370	21.61	0.0131
Iso-Butane	0.079	0.0260	2.57	0.0016
N-Butane	0.079	0.0250	2.58	0.0016
I-Pentane	0.012	0.0040	0.48	0.0003
N-Pentane	0.007	0.0030	0.28	0.0002
Hexane Plus	0.054	0.0240	2.85	0.0018
Total	100.000	17.4660	926.51	0.7049

* @ 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): 931.1

BTU/CU.FT (WET) CORRECTED FOR (1/Z): 914.9

REAL SPECIFIC GRAVITY: 0.7065

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

DRY BTU @ 14.650: 926.0

DRY BTU @ 14.696: 929.0

DRY BTU @ 14.730: 931.1

DRY BTU @ 15.025: 949.7

CYLINDER #: 7053

CYLINDER PRESSURE: 10 PSIG

DATE RUN: 6/28/17 12:00 AM

ANALYSIS RUN BY: PATRICIA KING



CONOCO PHILLIPS COMPANY
WELL ANALYSIS COMPARISON

Lease: SJ 30-6 #491S BHD
Stn. No.: 078741
Mtr. No.: 300392773900S01

BRADENHEAD

07/19/2017
18300-20575

Smpl Date:	06/19/2017	05/13/2011
Test Date:	06/28/2017	05/16/2011
Run No:	CP170366	CP110278
Nitrogen:	0.104	6.433
CO2:	12.614	23.721
Methane:	82.821	68.929
Ethane:	3.371	0.593
Propane:	0.859	0.119
I-Butane:	0.079	0.013
N-Butane:	0.079	0.015
I-Pentane:	0.012	0.003
N-Pentane:	0.007	0.000
Hexane+:	0.054	0.174
BTU:	931.1	723.4
GPM:	17.4660	16.7600
SPG:	0.7065	0.8206