



30-045-31340

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

Analysis No: SA170008
Cust No: 70300-10125

Well/Lease Information

Customer Name: SAN JUAN RESOURCES
Well Name: TECUMSEH #1; INT
County/State:
Location:
Field:
Formation:
Cust. Str. No.:

OIL CONS. DIV DIST. 3

MAY 24 2017

Source: INTERMEDIATE
Pressure: 261 PSIG
Sample Temp: DEG. F
Well Flowing: Y
Date Sampled: 05/08/2017
Sampled By: JUSTIN STONE
Foreman/Engr.:

Remarks:

Analysis

Component::	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	0.288	0.0320	0.00	0.0028
CO2	0.006	0.0010	0.00	0.0001
Methane	81.178	13.8070	819.90	0.4496
Ethane	10.142	2.7210	179.48	0.1053
Propane	5.158	1.4260	129.78	0.0785
Iso-Butane	0.946	0.3110	30.76	0.0190
N-Butane	1.123	0.3550	36.64	0.0225
I-Pentane	0.426	0.1560	17.04	0.0106
N-Pentane	0.344	0.1250	13.79	0.0086
Hexane Plus	0.389	0.1740	20.50	0.0129
Total	100.000	19.1080	1247.90	0.7099

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.0035

BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 1255.2

BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1233.4

REAL SPECIFIC GRAVITY: 0.7121

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

DRY BTU @ 14.650: 1248.4

DRY BTU @ 14.696: 1252.3

DRY BTU @ 14.730: 1255.2

DRY BTU @ 15.025: 1280.3

CYLINDER #: 069

CYLINDER PRESSURE: 255 PSIG

DATE RUN: 5/16/17 8:09 AM

ANALYSIS RUN BY: RICHARD WILSON

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SAN JUAN RESOURCES
WELL ANALYSIS COMPARISON

Lease: TECUMSEH #1; INT
Stn. No.:
Mtr. No.:

INTERMEDIATE

05/18/2017
70300-10125

Smpl Date: 05/08/2017
Test Date: 05/16/2017
Run No: SA170008

Nitrogen: 0.288
CO2: 0.006
Methane: 81.178
Ethane: 10.142
Propane: 5.158
I-Butane: 0.946
N-Butane: 1.123
I-Pentane: 0.426
N-Pentane: 0.344
Hexane+: 0.389

BTU: 1255.2
GPM: 19.1080
SPG: 0.7121



30-045-31340

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

Analysis No: SA170007
Cust No: 70300-10120

Well/Lease Information

Customer Name: SAN JUAN RESOURCES
Well Name: TECUMSEH #1; CSG
County/State:
Location:
Field:
Formation:
Cust. Str. No.:

Source: CASING
Pressure: 202 PSIG
Sample Temp: DEG. F
Well Flowing: Y
Date Sampled: 05/08/2017
Sampled By: JUSTIN STONE
Foreman/Engr.:

OIL CONS. DIV DIST. 3
MAY 24 2017

Remarks:

Analysis

Component::	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	0.124	0.0140	0.00	0.0012
CO2	0.495	0.0850	0.00	0.0075
Methane	86.482	14.7020	873.47	0.4790
Ethane	7.801	2.0920	138.05	0.0810
Propane	2.849	0.7870	71.68	0.0434
Iso-Butane	0.590	0.1940	19.19	0.0118
N-Butane	0.701	0.2220	22.87	0.0141
I-Pentane	0.295	0.1080	11.80	0.0073
N-Pentane	0.202	0.0730	8.10	0.0050
Hexane Plus	0.461	0.2060	24.30	0.0153
Total	100.000	18.4830	1169.46	0.6657

* @ 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): 1175.7
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1155.2
REAL SPECIFIC GRAVITY: 0.6674

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

DRY BTU @ 14.650: 1169.3
DRY BTU @ 14.696: 1173.0
DRY BTU @ 14.730: 1175.7
DRY BTU @ 15.025: 1199.2

CYLINDER #: 593
CYLINDER PRESSURE: 22 PSIG
DATE RUN: 5/16/17 8:08 AM
ANALYSIS RUN BY: RICHARD WILSON



SAN JUAN RESOURCES
WELL ANALYSIS COMPARISON

Lease: TECUMSEH #1; CSG
Stn. No.:
Mtr. No.:

CASING

05/18/2017
70300-10120

Smpl Date: 05/08/2017
Test Date: 05/16/2017
Run No: SA170007
Nitrogen: 0.124
CO2: 0.495
Methane: 86.482
Ethane: 7.801
Propane: 2.849
I-Butane: 0.590
N-Butane: 0.701
I-Pentane: 0.295
N-Pentane: 0.202
Hexane+: 0.461
BTU: 1175.7
GPM: 18.4830
SPG: 0.6674