



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

Analysis No: DR180030
Cust No: 21300-10110

Well/Lease Information

Customer Name: D.J.R.
Well Name: AP HIXON #1E; BHD
County/State: SAN JUAN NM
Location:
Field:
Formation:
Cust. Stn. No.: API 30-045-26036

Source: BRADENHEAD
Well Flowing: N
Pressure: 26 PSIG
Flow Temp: DEG. F
Ambient Temp: 90 DEG. F
Flow Rate: MCF/D
Sample Method: Purge & Fill
Sample Date: 08/06/2018
Sample Time: 5.10 PM
Sampled By: J. HARTE
Sampled by (CO): COTTONWOOD

Heat Trace: N
Remarks:

Analysis

Component::	Mole%:	Unnormalized %:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	6.1125	6.0321	0.6740	0.00	0.0591
CO2	0.0455	0.0449	0.0080	0.00	0.0007
Methane	93.3613	92.1330	15.8540	942.95	0.5171
Ethane	0.3461	0.3415	0.0930	6.12	0.0036
Propane	0.0846	0.0835	0.0230	2.13	0.0013
Iso-Butane	0.0283	0.0279	0.0090	0.92	0.0006
N-Butane	0.0037	0.0037	0.0010	0.12	0.0001
I-Pentane	0.0030	0.0030	0.0010	0.12	0.0001
N-Pentane	0.0000	0.0000	0.0000	0.00	0.0000
Hexane Plus	0.0150	0.0148	0.0070	0.79	0.0005
Total	100.0000	98.6844	16.6700	953.15	0.5830

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.0019
BTU/CU.FT IDEAL: 955.4
BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 957.2
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 940.5
DRY BTU @ 15.025: 976.4
REAL SPECIFIC GRAVITY: 0.5839

CYLINDER #: 6166
CYLINDER PRESSURE: 22 PSIG
ANALYSIS DATE: 08/13/2018
ANALYSIS TIME: 09:54:35 AM
ANALYSIS RUN BY: SHYANN ELLEDGE

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

GPA Standard: GPA-2261

GC: Danalyzer Model 500 Last Cal/Verify: 08/17/2018

GC Method: C6+ Gas

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DISTRICT III



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

Analysis No: DR180031
Cust No: 21300-10115

Well/Lease Information

Customer Name: D.J.R.
Well Name: AP HIXON #1E; CSG
County/State: SAN JUAN NM
Location:
Field:
Formation:
Cust. Str. No.: API 30-045-26036

Source: CASING
Well Flowing: N
Pressure: 25 PSIG
Flow Temp: DEG. F
Ambient Temp: 90 DEG. F
Flow Rate: MCF/D
Sample Method: Purge & Fill
Sample Date: 08/06/2018
Sample Time: 5.05 PM
Sampled By: J. HARTER
Sampled by (CO): COTTONWOOD

Heat Trace: N
Remarks:

Analysis

Component::	Mole%:	Unnormalized %:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	6.1020	6.0479	0.6720	0.00	0.0590
CO2	0.0344	0.0341	0.0060	0.00	0.0005
Methane	93.3460	92.5186	15.8510	942.79	0.5170
Ethane	0.3483	0.3452	0.0930	6.16	0.0036
Propane	0.0876	0.0868	0.0240	2.20	0.0013
Iso-Butane	0.0297	0.0294	0.0100	0.97	0.0006
N-Butane	0.0043	0.0043	0.0010	0.14	0.0001
I-Pentane	0.0044	0.0044	0.0020	0.18	0.0001
N-Pentane	0.0000	0.0000	0.0000	0.00	0.0000
Hexane Plus	0.0433	0.0429	0.0190	2.28	0.0014
Total	100.0000	99.1136	16.6780	954.73	0.5838

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.0019
BTU/CU.FT IDEAL: 956.9
BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 958.8
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 942.1
DRY BTU @ 15.025: 978.0
REAL SPECIFIC GRAVITY: 0.5846

CYLINDER #: 6042
CYLINDER PRESSURE: 21 PSIG
ANALYSIS DATE: 08/13/2018
ANALYSIS TIME: 10:07:13 AM
ANALYSIS RUN BY: SHYANN ELLEDGE

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

GPA Standard: GPA-2261

GC: Danalyzer Model 500

Last Cal/Verify: 08/17/2018

GC Method: C6+ Gas

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DISTRICT III



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

Analysis No: DR180032
Cust No: 21300-10150

Well/Lease Information

Customer Name: D.J.R.
Well Name: AP HIXON #1E; TBG
County/State: SAN JUAN NM
Location:
Field:
Formation:
Cust. Stn. No.: API # 30-45-26036

Source: TUBING
Well Flowing: N
Pressure: 6 PSIG
Flow Temp: DEG. F
Ambient Temp: 90 DEG. F
Flow Rate: MCF/D
Sample Method: Purge & Fill
Sample Date: 08/06/2018
Sample Time: 5.00 PM
Sampled By: JACOB HARTER
Sampled by (CO): COTTONWOOD

Heat Trace: N
Remarks: PRESSURED WITH HELIUM TO 30LBS.

Analysis

Component::	Mole%:	Unnormalized %:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	10.9400	2.7815	1.2060	0.00	0.1058
CO2	0.0633	0.0161	0.0110	0.00	0.0010
Methane	83.7236	21.2868	14.2230	845.61	0.4637
Ethane	2.3721	0.6031	0.6360	41.98	0.0246
Propane	1.3636	0.3467	0.3760	34.31	0.0208
Iso-Butane	0.2454	0.0624	0.0800	7.98	0.0049
N-Butane	0.2033	0.0517	0.0640	6.63	0.0041
I-Pentane	0.1070	0.0272	0.0390	4.28	0.0027
N-Pentane	0.0712	0.0181	0.0260	2.85	0.0018
Hexane Plus	0.9105	0.2315	0.4070	47.99	0.0301
Total	100.0000	25.4251	17.0680	991.64	0.6595

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.0023
BTU/CU.FT IDEAL: 993.9
BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 996.2
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 978.9
DRY BTU @ 15.025: 1016.2
REAL SPECIFIC GRAVITY: 0.6607

CYLINDER #: 4159
CYLINDER PRESSURE: PSIG
ANALYSIS DATE: 08/13/2018
ANALYSIS TIME: 10:17:13 AM
ANALYSIS RUN BY: PATRICIA KING

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

GPA Standard: GPA-2261

GC: Danalyzer Model 500 Last Cal/Verify: 08/17/2018
GC Method: C6+ Gas

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SEP 10 2018

DISTRICT III