



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

Analysis No: DR180048
Cust No: 21300-10230

Well/Lease Information

Customer Name: D.J.R.
Well Name: BISTI GALLUP 22-2; BHD
County/State: SAN JUAN NM
Location:
Field:
Formation:
Cust. Stn. No.: API # 30-045-34209

Source: BRADENHEAD
Well Flowing: Y
Pressure: 28 PSIG
Flow Temp: DEG. F
Ambient Temp: 85 DEG. F
Flow Rate: MCF/D
Sample Method: Purge & Fill
Sample Date: 08/09/2018
Sample Time: 12.30 PM
Sampled By: JACOB HARTER
Sampled by (CO): COTTONWOOD

Heat Trace: N
Remarks:

Analysis

Component::	Mole%:	Unnormalized %:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	4.7649	4.7876	0.5250	0.00	0.0461
CO2	0.0180	0.0181	0.0030	0.00	0.0003
Methane	94.7139	95.1657	16.0830	956.61	0.5246
Ethane	0.3476	0.3493	0.0930	6.15	0.0036
Propane	0.0849	0.0853	0.0230	2.14	0.0013
Iso-Butane	0.0251	0.0252	0.0080	0.82	0.0005
N-Butane	0.0087	0.0087	0.0030	0.28	0.0002
I-Pentane	0.0049	0.0049	0.0020	0.20	0.0001
N-Pentane	0.0044	0.0044	0.0020	0.18	0.0001
Hexane Plus	0.0276	0.0277	0.0120	1.45	0.0009
Total	100.0000	100.4769	16.7540	967.83	0.5777

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.0019
BTU/CU.FT IDEAL: 970.1
BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 971.9
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 955.0
DRY BTU @ 15.025: 991.4
REAL SPECIFIC GRAVITY: 0.5786

CYLINDER #: 7042
CYLINDER PRESSURE: 26 PSIG
ANALYSIS DATE: 08/16/2018
ANALYSIS TIME: 10:24:14 AM
ANALYSIS RUN BY: RICHARD WILSON

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

GPA Standard: GPA-2261

GC: Danalyzer Model 500

GC Method: C6+ Gas

Last Cal/Verify: 08/23/2018

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DISTRICT III

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

Analysis No: DR180049
Cust No: 21300-10235

Well/Lease Information

Customer Name: D.J.R.
Well Name: BISTI GALLUP 22-2; CSG
County/State: SAN JUAN NM
Location:
Field:
Formation:
Cust. Stn. No.: API # 30-045-34209

Source: CASING
Well Flowing: Y
Pressure: 53 PSIG
Flow Temp: DEG. F
Ambient Temp: 85 DEG. F
Flow Rate: MCF/D
Sample Method: Purge & Fill
Sample Date: 08/09/2018
Sample Time: 12.35 PM
Sampled By: JACOB HARTER
Sampled by (CO): COTTONWOOD

Heat Trace: N

Remarks:

Analysis

Component::	Mole%:	Unnormalized %:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	1.7363	1.7565	0.1920	0.00	0.0168
CO2	0.4499	0.4551	0.0770	0.00	0.0068
Methane	61.6032	62.3207	10.5050	622.19	0.3412
Ethane	14.2664	14.4325	3.8380	252.47	0.1481
Propane	12.4490	12.5940	3.4500	313.23	0.1895
Iso-Butane	1.4692	1.4863	0.4840	47.78	0.0295
N-Butane	4.2976	4.3476	1.3630	140.20	0.0862
I-Pentane	1.0570	1.0693	0.3890	42.29	0.0263
N-Pentane	1.1453	1.1586	0.4180	45.91	0.0285
Hexane Plus	1.5261	1.5439	0.6850	80.44	0.0505
Total	100.0000	101.1645	21.4010	1544.51	0.9236

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.0061
BTU/CU.FT IDEAL: 1548.1
BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 1557.6
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1530.5
DRY BTU @ 15.025: 1588.8
REAL SPECIFIC GRAVITY: 0.9289

CYLINDER #: 4083
CYLINDER PRESSURE: 51 PSIG
ANALYSIS DATE: 08/16/2018
ANALYSIS TIME: 09:53:26 AM
ANALYSIS RUN BY: RICHARD WILSON

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

GPA Standard: GPA-2261

GC: Danalyzer Model 500

GC Method: C6+ Gas

Last Cal/Verify: 08/23/2018

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