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

Analysis No: DR180046
Cust No: 21300-10220

Well/Lease Information

Customer Name:	D.J.R.	Source:	BRADENHEAD
Well Name:	BISTI GALLUP 18-6; BHD	Well Flowing:	N
County/State:	SAN JUAN NM	Pressure:	6 PSIG
Location:		Flow Temp:	DEG. F
Field:		Ambient Temp:	80 DEG. F
Formation:		Flow Rate:	MCF/D
Cust. Stn. No.:	API # 30-045-33803	Sample Method:	Purge & Fill
		Sample Date:	08/09/2018
		Sample Time:	10.35 AM
		Sampled By:	JACOB HARTER
Heat Trace:	N	Sampled by (CO):	COTTONWOOD
Remarks:	PRESSURED WITH HELIUM TO 30LBS.		

Analysis

Component::	Mole%:	Unormalized %:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	1.4938	0.5131	0.1650	0.00	0.0144
CO2	0.0431	0.0148	0.0070	0.00	0.0007
Methane	97.1235	33.3603	16.4960	980.95	0.5380
Ethane	0.8297	0.2850	0.2220	14.68	0.0086
Propane	0.1697	0.0583	0.0470	4.27	0.0026
Iso-Butane	0.0410	0.0141	0.0130	1.33	0.0008
N-Butane	0.0512	0.0176	0.0160	1.67	0.0010
I-Pentane	0.0157	0.0054	0.0060	0.63	0.0004
N-Pentane	0.0195	0.0067	0.0070	0.78	0.0005
Hexane Plus	0.2128	0.0731	0.0950	11.22	0.0070
Total	100.0000	34.3484	17.0740	1015.53	0.5740

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY
**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBLITY FACTOR (1/Z):	1.0021	CYLINDER #:	4048
BTU/CU.FT IDEAL:	1017.9	CYLINDER PRESSURE:	PSIG
BTU/CU.FT (DRY) CORRECTED FOR (1/Z):	1020.0	ANALYIS DATE:	08/16/2018
BTU/CU.FT (WET) CORRECTED FOR (1/Z):	1002.3	ANALYIS TIME:	10:33:45 AM
DRY BTU @ 15.025:	1040.4	ANALYSIS RUN BY:	SHYANN ELLEDGE
REAL SPECIFIC GRAVITY:	0.575		

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: 08/23/2018**
GC Method: C6+ Gas

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DISTRICT III

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

Analysis No: DR180047
Cust No: 21300-10225

Well/Lease Information

Customer Name:	D.J.R.	Source:	TUBING
Well Name:	BISTI GALLUP 18-6; TBG	Well Flowing:	N
County/State:	SAN JUAN NM	Pressure:	85 PSIG
Location:		Flow Temp:	DEG. F
Field:		Ambient Temp:	80 DEG. F
Formation:		Flow Rate:	MCF/D
Cust. Stn. No.:	API # 30-045-33803	Sample Method:	Purge & Fill
		Sample Date:	08/09/2018
		Sample Time:	10.30 AM
		Sampled By:	JACOB HARTER
Heat Trace:	N	Sampled by (CO):	COTTONWOOD
Remarks:			

Analysis

Component::	Mole%:	Unormalized %:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	15.5446	15.8284	1.7160	0.00	0.1503
CO2	0.0186	0.0189	0.0030	0.00	0.0003
Methane	59.7225	60.8129	10.1570	603.20	0.3308
Ethane	13.0583	13.2967	3.5030	231.09	0.1356
Propane	8.9760	9.1399	2.4810	225.85	0.1367
Iso-Butane	0.6459	0.6577	0.2120	21.00	0.0130
N-Butane	1.4165	1.4424	0.4480	46.21	0.0284
I-Pentane	0.1977	0.2013	0.0730	7.91	0.0049
N-Pentane	0.1775	0.1807	0.0650	7.12	0.0044
Hexane Plus	0.2424	0.2468	0.1080	12.78	0.0080
Total	100.0000	101.8257	18.7660	1155.15	0.8124

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY
**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBLITY FACTOR	(1/Z):	1.0034	CYLINDER #:	4028
BTU/CU.FT IDEAL:		1157.8	CYLINDER PRESSURE:	66 PSIG
BTU/CU.FT (DRY) CORRECTED FOR (1/Z):		1161.8	ANALYIS DATE:	08/16/2018
BTU/CU.FT (WET) CORRECTED FOR (1/Z):		1141.6	ANALYIS TIME:	10:09:22 AM
DRY BTU @ 15.025:		1185.1	ANALYSIS RUN BY:	RICHARD WILSON
REAL SPECIFIC GRAVITY:		0.8149		

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: 08/23/2018**
GC Method: C6+ Gas

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SEP 10 2018
DISTRICT III