

Natural Gas Analysis Report SAN JUAN DIVISION

Sample Information

Sample Information	
Sample Name	GOLDEN EAGLE MINE F3
TECH	Jimmy Petree
GC Serial	GC1105B610
Operator	XTO ENERGY
Report Date	2014-11-04 10:22:59

Component Results

Component Name	Norm%	Gross HV (Dry) (BTU / Ideal cu.ft.)	Relative Gas Density (Dry)	GPM (Dry) (Gal. / 1000 cu.ft.)
Nitrogen	0.9878	0.0	0.00955	0.109
Oxygen	0.0231	0.0	0.00026	0.002
Methane	98.2448	994.6	0.54418	16.684
Carbon Dioxide	0.6739	0.0	0.01024	0.115
Ethane	0.0201	0.4	0.00021	0.005
Propane	0.0000	0.0	0.00000	0.000
I-Butane	0.0091	0.3	0.00018	0.003
N-Butane	0.0171	0.6	0.00034	0.005
I-Pentane	0.0050	0.2	0.00012	0.002
N-Pentane	0.0121	0.5	0.00030	0.004
Hexanes	0.0030	0.1	0.00009	0.001
Heptanes	0.0010	0.1	0.00003	0.000
Octanes	0.0010	0.1	0.00004	0.001
Nonanes	0.0020	0.1	0.00009	0.001
Hydrogen Sulfide	0.0000	0.0	0.00000	0.000
Total:	100.0000	996.9	0.56564	16.934

Results Summary

Result	Dry
Total Normalized Mole%	100.0000
Pressure Base (psia)	14.730
Temperature Base	60.0
Flowing Temperature (Deg. F)	56.0
Flowing Pressure (psia)	20.0
Gross Heating Value (BTU / Real cu.ft.)	998.9
Relative Density (G), Real	0.5665
Compressibility (Z) Factor	0.9980
Total GPM	16.934