

Natural Gas Analysis Report SAN JUAN DIVISION

Sample Information

Sample Information	
Sample Name	GOLDEN EAGLE MINE F2
TECH	Jimmy Petree
GC Serial	GC1105B610
Operator	XTO ENERGY
Report Date	2014-11-04 09:59:50

Component Results

Component Name	Norm%	Gross HV (Dry) (BTU / Ideal cu.ft.)	Relative Gas Density (Dry)	GPM (Dry) (Gal. / 1000 cu.ft.)
Nitrogen	0.3677	0.0	0.00356	0.041
Oxygen	0.0110	0.0	0.00012	0.001
Methane	99.3939	1006.2	0.55054	16.879
Carbon Dioxide	0.1814	0.0	0.00276	0.031
Ethane	0.0130	0.2	0.00013	0.003
Propane	0.0000	0.0	0.00000	0.000
I-Butane	0.0070	0.2	0.00014	0.002
N-Butane	0.0130	0.4	0.00026	0.004
I-Pentane	0.0040	0.2	0.00010	0.001
N-Pentane	0.0030	0.1	0.00007	0.001
Hexanes	0.0010	0.0	0.00003	0.000
Heptanes	0.0010	0.1	0.00003	0.000
Octanes	0.0020	0.1	0.00008	0.001
Nonanes	0.0020	0.1	0.00009	0.001
Hydrogen Sulfide	0.0000	0.0	0.00000	0.000
Total:	100.0000	1007.7	0.55792	16.967

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.)	1009.7
Relative Density (G), Real	0.5588
Compressibility (Z) Factor	0.9980
Total GPM	16.967