

Natural Gas Analysis Report SAN JUAN DIVISION

Sample Information

Sample Information	
Sample Name	GOLDEN EAGLE MINE F4
TECH	Jimmy Petree
GC Serial	GC1105B610
Operator	XTO ENERGY
Report Date	2014-11-04 10:44:09

Component Results

Component Name	Norm%	Gross HV (Dry) (BTU / Ideal cu.ft.)	Relative Gas Density (Dry)	GPM (Dry) (Gal. / 1000 cu.ft.)
Nitrogen	1.3229	0.0	0.01280	0.146
Oxygen	0.0336	0.0	0.00037	0.003
Methane	95.1293	963.0	0.52692	16.156
Carbon Dioxide	3.4532	0.0	0.05247	0.590
Ethane	0.0244	0.4	0.00025	0.007
Propane	0.0000	0.0	0.00000	0.000
I-Butane	0.0092	0.3	0.00018	0.003
N-Butane	0.0142	0.5	0.00028	0.004
I-Pentane	0.0041	0.2	0.00010	0.002
N-Pentane	0.0031	0.1	0.00008	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	964.9	0.59369	16.915

Results Summary

Result	Dry
Total Normalized Mole%	100.0000
Pressure Base (psia)	14.730
Temperature Base	60.0
Flowing Temperature (Deg. F)	55.0
Flowing Pressure (psia)	20.0
Gross Heating Value (BTU / Real cu.ft.)	966.9
Relative Density (G), Real	0.5947
Compressibility (Z) Factor	0.9980
Total GPM	16.915