

OIL CONS. DIV DIST. 3

JUL 16 2014

XTO ENERGY INC.

30-045-32592

Natural Gas Analysis Report SAN JUAN DIVISION

Sample Information

Sample Information	
Sample Name	22169-STANOLIND GAS COM B4 BRAIDEN HEAD
TECH	Jimmy Petree
GC Serial	GC1105B610
Operator	XTO ENERGY
Report Date	2014-07-16 10:46:03

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Component Results

Component Name	Norm%	Gross HV (Dry) (BTU / Ideal cu.ft.)	Relative Gas Density (Dry)	GPM (Dry) (Gal. / 1000 cu.ft.)
Nitrogen	0.5050	0.0	0.00488	0.056
Oxygen	0.0059	0.0	0.00007	0.001
Methane	86.9129	879.9	0.48141	14.774
Carbon Dioxide	0.0020	0.0	0.00003	0.000
Ethane	6.0316	107.0	0.06262	1.617
Propane	4.2327	106.7	0.06444	1.169
I-Butane	0.7575	24.7	0.01520	0.249
N-Butane	0.9599	31.4	0.01926	0.303
I-Pentane	0.2859	11.5	0.00712	0.105
N-Pentane	0.1965	7.9	0.00490	0.071
Hexanes	0.0668	3.2	0.00199	0.028
Heptanes	0.0344	1.9	0.00119	0.016
Octanes	0.0069	0.4	0.00027	0.004
Nonanes	0.0020	0.1	0.00009	0.001
Hydrogen Sulfide	0.0000	0.0	0.00000	0.000
Total:	100.0000	1174.7	0.66347	18.394

Results Summary

Result	Dry
Total Normalized Mole%	100.0000
Pressure Base (psia)	14.730
Temperature Base	60.0
Flowing Temperature (Deg. F)	77.0
Flowing Pressure (psia)	30.0
Gross Heating Value (BTU / Real cu.ft.)	1178.2
Relative Density (G), Real	0.6652
Compressibility (Z) Factor	0.9970
Total GPM	18.394