

OIL CONS. DIV DIST. 3

XTO ENERGY INC.

30-045-32592

JUL 16 2014

Natural Gas Analysis Report SAN JUAN DIVISION

Sample Information

Sample Information	
Sample Name	22169-STANOLIND GAS COM B4 CASING
TECH	Jimmy Petree
GC Serial	GC1105B610
Operator	XTO ENERGY
Report Date	2014-07-09 11:22:33

Component Results

Component Name	Norm%	Gross HV (Dry) (BTU / Ideal cu.ft.)	Relative Gas Density (Dry)	GPM (Dry) (Gal. / 1000 cu.ft.)	
Nitrogen	0.2702	0.0	0.00261	0.030	
Oxygen	0.0077	0.0	0.00009	0.001	
Methane	79.1221	801.0	0.43826	13.461	
Carbon Dioxide	0.7245	0.0	0.01101	0.124	
Ethane	10.8796	193.0	0.11295	2.920	
Propane	5.1275	129.3	0.07807	1.418	
I-Butane	0.6848	22.3	0.01374	0.225	
N-Butane	1.4209	46.5	0.02851	0.450	
I-Pentane	0.4998	20.0	0.01245	0.183	
N-Pentane	0.4455	17.9	0.01110	0.162	
Hexanes	0.2102	10.0	0.00625	0.087	
Heptanes	0.4203	23.2	0.01454	0.195	
Octanes	0.1588	9.9	0.00626	0.082	
Nonanes	0.0281	2.0	0.00124	0.016	
Hydrogen Sulfide	0.0000	0.0	0.00000	0.000	
Total:	100.0000	1275.1	0.73709	19.352	

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)	21.0	
Gross Heating Value (BTU / Real cu.ft.)	1279.9	
Relative Density (G), Real	0.7396	
Compressibility (Z) Factor	0.9962	
Total GPM	19.352	