

XTO ENERGY INC.

Natural Gas Analysis Report SAN JUAN DIVISION

Sample Information

Sample Information	
Sample Name	FEE 8A BH
TECH	Tim Doering
GC Serial	GC1008B621
Operator	XTO
Report Date	2017-06-15 09:02:27

30-045-24693

Component Results

Component Name	Raw Amount	Norm%	Gross HV (Dry) (BTU / Ideal cu.ft.)	Relative Gas Density (Dry)	GPM (Dry) (Gal. / 1000 cu.ft.)
Nitrogen	0.9960	0.9179	0.0	0.00888	0.101
Oxygen	0.0340	0.0313	0.0	0.00035	0.003
Methane	97.4860	89.8373	909.5	0.49761	15.266
Carbon Dioxide	0.1590	0.1465	0.0	0.00223	0.025
Ethane	5.5170	5.0841	90.2	0.05278	1.383
Propane	2.6130	2.4080	60.7	0.03666	0.665
I-Butane	0.5780	0.5327	17.4	0.01069	0.175
N-Butane	0.6090	0.5612	18.4	0.01126	0.177
I-Pentane	0.2310	0.2129	8.5	0.00530	0.078
N-Pentane	0.1450	0.1336	5.4	0.00333	0.049
Hexanes	0.1460	0.1345	6.4	0.00400	0.055
Heptanes	0.0000	0.0000	0.0	0.00000	0.000
Octanes	0.0000	0.0000	0.0	0.00000	0.000
Nonanes	0.0000	0.0000	0.0	0.00000	0.000
Hydrogen Sulfide	0.0000	0.0000	0.0	0.00000	0.000
Water	0.0000	0.0000	0.0	0.00000	0.000
Total:	108.5140	100.0000	1116.4	0.63309	17.957

Results Summary

Result	Dry	Sat.
Total Normalized Mole%	100.0000	100.0000
Pressure Base (psia)	14.730	
Flowing Temperature (Deg. F)	70.0	
Flowing Pressure (psia)	25.0	
Gross Heating Value (BTU / Real cu.ft.)	1119.3	1100.3
Relative Density (G), Real	0.6345	0.6345
Compressibility (Z) Factor	0.9974	0.9970
Total GPM	17.957	17.751