

OIL COMPANY DIV D

NOV 16 201

XTO ENERGY INC.

Natural Gas Analysis Report SAN JUAN DIVISION

Sample Information

30-045-31329

Sample Information	
Sample Name	STEDJE GC 3 CASING
TECH	Tim Doering
GC Serial	GC1008B621
Report Date	2016-11-11 08:27:20

Component Results

Component Name	Norm%	Gross HV (Dry) (BTU / Ideal cu. ft.)	Relative Gas Density (Dry)	GPM (Dry) (Gal. / 1000 cu. ft.)
Nitrogen	0.0264	0.0	0.00026	0.003
Oxygen	0.0010	0.0	0.00001	0.000
Methane	95.9328	971.2	0.53137	16.294
Carbon Dioxide	3.1302	0.0	0.04756	0.535
Ethane	0.5992	10.6	0.00622	0.161
Propane	0.1400	3.5	0.00213	0.039
I-Butane	0.0166	0.5	0.00033	0.005
N-Butane	0.0235	0.8	0.00047	0.007
I-Pentane	0.0059	0.2	0.00015	0.002
N-Pentane	0.0059	0.2	0.00015	0.002
Hexanes	0.0284	1.4	0.00085	0.012
Heptanes	0.0431	2.4	0.00149	0.020
Octanes	0.0313	2.0	0.00123	0.016
Nonanes	0.0157	1.1	0.00070	0.009
Hydrogen Sulfide	0.0000	0.0	0.00000	0.000
Water	0.0000	0.0	0.00000	0.000
Total:	100.0000	993.9	0.59292	17.106

Results Summary

Result	Dry	Sat.
Total Normalized Mole%	100.0000	100.0000
Pressure Base (psia)	14.730	
Flowing Temperature (Deg. F)	40.0	
Flowing Pressure (psia)	100.0	
Gross Heating Value (BTU / Real cu.ft.)	996.0	979.0
Relative Density (G), Real	0.5939	0.5947
Compressibility (Z) Factor	0.9979	0.9975
Total GPM	17.106	16.913