

Natural Gas Analysis Report

SAN JUAN DIVISION

OIL CONS. DIV DIST. 3

JUL 21 2017

Sample Information

Sample Information	
Sample Name	BRUINGTON GC 1F BH API# 30-045-34541
TECH	Tim Doering
GC Serial	GC1008B621
Operator	XTO
Report Date	2017-07-13 10:53:17

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	0.0170	0.0168	0.0	0.00016	0.002	
Oxygen	0.0060	0.0059	0.0	0.00007	0.001	
Methane	88.1120	87.3079	883.8	0.48360	14.841	
Carbon Dioxide	0.0860	0.0852	0.0	0.00129	0.015	
Ethane	7.3630	7.2958	129.4	0.07574	1.956	
Propane	3.1790	3.1500	79.4	0.04796	0.870	
I-Butane	0.5620	0.5569	18.2	0.01118	0.183	
N-Butane	0.8650	0.8571	28.0	0.01720	0.271	
I-Pentane	0.3200	0.3171	12.7	0.00790	0.116	
N-Pentane	0.2350	0.2329	9.4	0.00580	0.085	
Hexanes	0.1760	0.1744	8.3	0.00519	0.072	
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:	100.9210	100.0000	1169.3	0.65609	18.411	

Results Summary

Result	Dry	Sat.
Total Normalized Mole%	100.0000	100.0000
Pressure Base (psia)	14.730	
Flowing Temperature (Deg. F)	85.0	
Flowing Pressure (psia)	70.0	
Gross Heating Value (BTU / Real cu.ft.)	1172.7	1152.7
Relative Density (G), Real	0.6577	0.6574
Compressibility (Z) Factor	0.9971	0.9967
Total GPM	18.411	18.197