

Natural Gas Analysis Report

SAN JUAN DIVISION

Sample Information

NMOC

MAY 28 2019

DISTRICT III

Sample Information	
Sample Name	SALTY DAWG 6 BH TEST 30-045-32943
TECH	Tim Doering
GC Serial	GC1008B621
Operator	HEC
Report Date	2019-05-16 13:46:37

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	0.7710	0.7980	0.0	0.00772	0.088
Oxygen	0.0060	0.0062	0.0	0.00007	0.001
Methane	93.8780	97.1642	983.6	0.53819	16.502
Carbon Dioxide	0.0000	0.0000	0.0	0.00000	0.000
Ethane	1.8560	1.9210	34.1	0.01994	0.515
Propane	0.0030	0.0031	0.1	0.00005	0.001
I-Butane	0.0780	0.0807	2.6	0.00162	0.026
N-Butane	0.0180	0.0186	0.6	0.00037	0.006
I-Pentane	0.0040	0.0041	0.2	0.00010	0.002
N-Pentane	0.0010	0.0010	0.0	0.00002	0.000
Hexanes	0.0030	0.0031	0.1	0.00009	0.001
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:	96.6180	100.0000	1021.4	0.56818	17.142

Results Summary

Result	Dry	Sat.
Total Normalized Mole%	100.0000	100.0000
Pressure Base (psia)	14.730	
Flowing Temperature (Deg. F)	69.0	
Flowing Pressure (psia)	45.0	
Gross Heating Value (BTU / Real cu.ft.)	1023.5	1006.0
Relative Density (G), Real	0.5691	0.5702
Compressibility (Z) Factor	0.9979	0.9976
Total GPM	17.142	16.948