

Natural Gas Analysis Report SAN JUAN DIVISION

JUN 06 2016

30-045-09759

Sample Information

Sample Information	
Sample Name	HANMPTON D1 BH
TECH	Tim Doering
GC Serial	GC1008B621
Report Date	2016-06-06 11:44:54

Component Results

Component Name	Norm%	Gross HV (Dry) (BTU / Ideal cu.ft.)	Relative Gas Density (Dry)	GPM (Dry) (Gal. / 1000 cu.ft.)	
Nitrogen	76.4285	0.0	0.73922	8.413	
Oxygen	20.9059	0.0	0.23097	1.857	
Methane	0.0000	0.0	0.00000	0.000	
Carbon Dioxide	0.1391	0.0	0.00211	0.024	
Ethane	0.0000	0.0	0.00000	0.000	
Propane	0.0000	0.0	0.00000	0.000	
I-Butane	0.0000	0.0	0.00000	0.000	
N-Butane	0.1281	4.2	0.00257	0.040	
I-Pentane	0.1047	4.2	0.00261	0.038	
N-Pentane	0.0609	2.4	0.00152	0.022	
Hexanes	0.3250	15.5	0.00967	0.134	
Heptanes	1.0640	58.7	0.03681	0.491	
Octanes	0.6891	43.2	0.02718	0.353	
Nonanes	0.1547	10.8	0.00685	0.087	
Hydrogen Sulfide	0.0000	0.0	0.00000	0.000	
Water	0.0000	0.0	0.00000	0.000	
Total:	100.0000	139.0	1.05950	11.459	

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)	3.0		
Gross Heating Value (BTU / Real cu.ft.)	139.1	136.7	
Relative Density (G), Real	1.0599	1.0525	
Compressibility (Z) Factor	0.9992	0.9990	
Total GPM	11.459	11.362	

Sample from Bradenhead prior to running surface plug