

Natural Gas Analysis Report **SAN JUAN DIVISION**

JUL 08 2015

Sample Information

Sample Information	
Sample Name	GALLEGOS FEDERAL 26-13-14-1 CASEING <i>API# 30085-28919</i>
TECH	Tim Doering
GC Serial	GC1008B621
Report Date	2015-06-17 09:42:57

Component Results

Component Name	Norm%	Gross HV (Dry) (BTU / Ideal cu.ft.)	Relative Gas Density (Dry)	GPM (Dry) (Gal. / 1000 cu.ft.)	
Nitrogen	0.1377	0.0	0.00133	0.015	
Oxygen	0.0091	0.0	0.00010	0.001	
Methane	91.3938	925.2	0.50623	15.528	
Carbon Dioxide	3.7558	0.0	0.05707	0.642	
Ethane	3.8621	68.5	0.04010	1.035	
Propane	0.0395	1.0	0.00060	0.011	
I-Butane	0.0567	1.8	0.00114	0.019	
N-Butane	0.1539	5.0	0.00309	0.049	
I-Pentane	0.0658	2.6	0.00164	0.024	
N-Pentane	0.1104	4.4	0.00275	0.040	
Hexanes	0.1499	7.1	0.00446	0.062	
Heptanes	0.1205	6.6	0.00417	0.056	
Octanes	0.1397	8.8	0.00551	0.072	
Nonanes	0.0051	0.4	0.00023	0.003	
Hydrogen Sulfide	0.0000	0.0	0.00000	0.000	
Water	0.0000	0.0	0.00000	0.000	
Total:	100.0000	1031.6	0.62841	17.556	

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)	15.0		
Gross Heating Value (BTU / Real cu.ft.)	1034.1	1016.5	
Relative Density (G), Real	0.6297	0.6298	
Compressibility (Z) Factor	0.9976	0.9972	
Total GPM	17.556	17.356	

30-045-28919

OIL CONS. DIV DIST. 3

JUL 08 2015

6/19/15

Gallegos Federal 26-13-14 # 1 – There was 0 psig on Bradenhead at the time gas samples were taken. Unable to get gas sample off of bradenhead.

Robert Trobaugh

Sr. Production Foreman

XTO Energy.