



# NATURAL GAS ANALYSIS

PRIMARY DB KEY: NAME/DESCRIP: MYERS #2/#3 TANK BATTERY  
 LEASE #: 05-039-06584  
 FIELD/ AREA:

PROJECT NO. : 201907047 ANALYSIS NO. : 07  
 COMPANY NAME : RENEGADE OIL & GAS COMPANY ANALYSIS DATE: JULY 15, 2019 15:49  
 OFFICE / BRANCH: AURORA, CO SAMPLE DATE : JULY 10, 2019  
 CUSTOMER REF: TO:  
 PRODUCER : EFFECTIVE DATE:

## \*\*\*FIELD DATA\*\*\*

SAMPLE CYCLE: SAMPLE TYPE:  
 SAMPLE PRES. : 16 psig PROBE :  
 FLOW PRES. : psig CYLINDER NO. : 1227  
 LAB PRES: psig SAMPLED BY : CODY BAYLIS  
 SAMPLE TEMP. : 80 °f SAMPLING COMPANY: RENEGADE  
 AMBIENT TEMP.: °f H2S BY STAIN TUBE: .25 ppm  
 H2O BY STAIN TUBE #/mmcf CO2 BY STAIN TUBE: - Mol %  
 FIELD COMMENTS:  
 LAB COMMENTS:

COMPONENTS	NORM. MOLE%	GPM @ 14.65	GPM @ 14.73
HELIUM	0.01	-	-
HYDROGEN	0.00	-	-
OXYGEN/ARGON	0.01	-	-
NITROGEN	1.47	-	-
CO2	2.94	-	-
METHANE	55.66	-	-
ETHANE	14.77	3.9520	3.9736
PROPANE	14.36	3.9580	3.9796
ISOBUTANE	1.40	0.4584	0.4609
N-BUTANE	5.26	1.6590	1.6681
ISOPENTANE	1.16	0.4243	0.4266
N-PENTANE	1.28	0.4644	0.4669
HEXANES+	1.68	0.7292	0.7332
TOTAL	100.00	11.6453	11.7089

BTU @ 60 DEG F

	14.65	14.73
GROSS DRY REAL =	1590.6 /scf	1599.3 /scf
GROSS SATURATED REAL =	1562.8 /scf	1571.5 /scf
RELATIVE DENSITY (AIR=1 @14.696 PSIA 60F)	0.9877	
GRAVITY (LB/SCF)	0.07538	
COMPRESSIBILITY FACTOR :	0.99384	

NOTE: REFERENCE GPA 2261(ASTM D1945 & ASME-PTC, 2145, & 2172 CURRENT PUBLICATIONS

Reference: Per GPA 2172-14 sec 9

The C6+ is derived from the following ratios of C6, C7 & C8+ respectively: 60% 30% 10%

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