



NATURAL GAS ANALYSIS

PRIMARY DB KEY: NAME/DESCRIP : SARTI 24-2, 24-6, 24-10
LEASE #:
FIELD/ AREA:

PROJECT NO. : 201908133 ANALYSIS NO. : 05
COMPANY NAME : RENEGADE OIL & GAS COMPANY ANALYSIS DATE: AUGUST 28, 2019 07:51
OFFICE / BRANCH: AURORA, CO SAMPLE DATE : AUGUST 21, 2019
CUSTOMER REF:
PRODUCER :
EFFECTIVE DATE:

FIELD DATA

SAMPLE CYCLE:
SAMPLE PRES. : 15 psig
FLOW PRES. : psig
LAB PRES: psig
SAMPLE TEMP. : 70 °f
AMBIENT TEMP.: °f
H2O BY STAIN TUBE: #/mmcf
FIELD COMMENTS:
LAB COMMENTS:

SAMPLE TYPE:
PROBE : NO
CYLINDER NO. : 1913
SAMPLED BY : CODY BAYLIS
SAMPLING COMPANY: RENEGADE
H2S BY STAIN TUBE: 2 ppm
CO2 BY STAIN TUBE: - Mol %

COMPONENTS	NORM. MOLE%	GPM @ 14.65	GPM @ 14.73
HELIUM	0.00	-	-
HYDROGEN	0.00	-	-
OXYGEN/ARGON	0.01	-	-
NITROGEN	1.02	-	-
CO2	3.97	-	-
METHANE	42.71	-	-
ETHANE	16.69	4.4749	4.4993
PROPANE	20.52	5.6680	5.6989
ISOBUTANE	1.98	0.6493	0.6529
N-BUTANE	7.54	2.3832	2.3962
ISOPENTANE	1.54	0.5649	0.5680
N-PENTANE	1.68	0.6101	0.6135
HEXANES+	2.34	1.0182	1.0238
TOTAL	100.00	15.3686	15.4526

BTU @ 60 DEG F

GROSS DRY REAL =	1811.6	/scf	1821.5	/scf
GROSS SATURATED REAL =	1779.9	/scf	1789.8	/scf
RELATIVE DENSITY (AIR=1 @14.696 PSIA 60F)	1.1391			
GRAVITY (LB/SCF)	0.08693			
COMPRESSIBILITY FACTOR :	0.99177			

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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