



PRIMARY DB KEY:
LEASE #:
FIELD/ AREA:

NAME/DESCRIP : **FERGUSON 25 #1-7**

PROJECT NO. : **202008044**
COMPANY NAME : **RENEGADE OIL & GAS COMPANY**
OFFICE / BRANCH: **AURORA, CO**
CUSTOMER REF:
PRODUCER :

ANALYSIS NO. : **15**
ANALYSIS DATE: **AUGUST 12, 2020 11:49**
SAMPLE DATE : **AUGUST 10, 2020**
TO:
EFFECTIVE DATE:

FIELD DATA

SAMPLE CYCLE:
SAMPLE PRES. : **14** psig
FLOW PRES. : psig
LAB PRES: psig
SAMPLE TEMP. : **83** °f
AMBIENT TEMP.: °f
H2O BY STAIN TUBE: - #/mmcf
FIELD COMMENTS:
LAB COMMENTS: *Moisture in sample*

SAMPLE TYPE:
PROBE :
CYLINDER NO. : **0970**
SAMPLED BY : **MATTHEW INGVE**
SAMPLING COMPANY: **RENEGADE OIL & GAS**
H2S BY STAIN TUBE: **BDL** ppm
CO2 BY STAIN TUBE: - Mol %

COMPONENTS	NORM. MOLE%	GPM @ 14.65	GPM @ 14.73
HELIUM	0.02	-	-
HYDROGEN	0.04	-	-
OXYGEN/ARGON	0.00	-	-
NITROGEN	1.10	-	-
CO2	2.20	-	-
METHANE	54.94	-	-
ETHANE	14.93	3.9965	4.0183
PROPANE	14.09	3.8851	3.9063
ISOBUTANE	1.60	0.5238	0.5266
N-BUTANE	5.52	1.7419	1.7514
ISOPENTANE	1.36	0.4977	0.5004
N-PENTANE	1.62	0.5880	0.5912
HEXANES+	2.58	1.1208	1.1269
TOTAL	100.00	12.3538	12.4211

BTU @ 60 DEG F

	14.65	14.73
GROSS DRY REAL =	1663.0 /scf	1672.1 /scf
GROSS SATURATED REAL =	1633.9 /scf	1643.0 /scf
RELATIVE DENSITY (AIR=1 @14.696 PSIA 60F)		1.0180
DENSITY (lbm/scf)		0.07770
COMPRESSIBILITY FACTOR :		0.9935

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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