



PRIMARY DB KEY: **05-045-15109** NAME/DESCRIP : **N. PARACHUTE #MF16C-21 C28 69**
 LEASE #: **110165627** BRAIDEN HEAD
 FIELD/AREA:

 PROJECT NO. : **202410021** ANALYSIS NO. : **01**
 COMPANY NAME : **QB ENERGY OPERATING, LLC** ANALYSIS DATE: **OCTOBER 16, 2024 00:00**
 OFFICE / BRANCH: **PARACHUTE, CO** SAMPLE DATE : **SEPTEMBER 26, 2024 8:15**
 CUSTOMER REF: TO:
 PRODUCER : **QB ENERGY OPERATING, LLC** EFFECTIVE DATE:
*****FIELD DATA*****
 SAMPLE CYCLE: SAMPLE TYPE: **SPOT**
 SAMPLE PRES. : **58** psig PROBE : **NO**
 FLOW PRES. : psig CYLINDER NO. : **ECA-750**
 LAB PRES: psig SAMPLED BY : **ALEX GALLEGOS**
 SAMPLE TEMP. : **53** °f SAMPLING COMPANY: **QB ENERGY**
 AMBIENT TEMP.: °f H2S BY STAIN TUBE: **-** ppm mol
 H2O BY STAIN TUBE: **-** #/mmcf CO2 BY STAIN TUBE: **-** Mol %
 FIELD COMMENTS:
 LAB COMMENTS:

COMPONENTS	NORM. MOLE%	GPM @ 14.65	d13C ‰ VPDB	dD ‰ VSMOW
HELIUM	0.02	-	-	-
HYDROGEN	0.00	-	-	-
OXYGEN/ARGON	0.01	-	-	-
NITROGEN	0.51	-	-	-
CO2	0.02	-	0.0	-
METHANE	95.32	-	-35.1	-166
ETHANE	2.57	0.6854	-27.6	-
PROPANE	0.75	0.2058	-28.3	-
ISOBUTANE	0.11	0.0360	-26.8	-
N-BUTANE	0.17	0.0569	-29.5	-
ISOPENTANE	0.06	0.0180	-	-
N-PENTANE	0.04	0.0140	0.0	-
HEXANES+	0.43	0.1339	-	-
TOTAL	100.00	1.1500		

BTU @ 60 DEG F

GROSS DRY REAL = **14.65**
 GROSS SATURATED REAL = **1056.2** /scf
1037.7 /scf

RELATIVE DENSITY (AIR=1 @14.696 PSIA 60F) **0.59**
 GRAVITY (LB/SCF) **0.04503**
 COMPRESSIBILITY FACTOR : **0.99780**

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%**

The NG Composition File #: **202410021-01-A-244**

The Isotopic Data File #: **DIG-037273**

Note: Stable isotope results based on multi-point laboratory calibration

Precision $\delta^{13}\text{C} < 0.5\text{‰}$

Precision $\delta\text{D} < 5.0\text{‰}$

Values in red represent low peak heights. Interpret with caution.

The data presented herein has been acquired by means of current analytical techniques and represents the judicious conclusion EMPACT Analytical Systems, Inc.
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