



PRIMARY DB KEY: NAME/DESCRIP : LOVE RANCH 6 G-4
 LEASE #: 05-103-10513 SURFACE CASING
 FIELD/AREA:
 PROJECT NO. : 202509019 ANALYSIS NO. : 02
 COMPANY NAME : QB ENERGY OPERATING, LLC ANALYSIS DATE: SEPTEMBER 17, 2025 00:00
 OFFICE / BRANCH: PARACHUTE, CO SAMPLE DATE : AUGUST 22, 2025
 CUSTOMER REF: TO:
 PRODUCER : EFFECTIVE DATE:
 FIELD DATA
 SAMPLE CYCLE: SAMPLE TYPE:
 SAMPLE PRES. : 63 psig PROBE :
 FLOW PRES. : psig CYLINDER NO. : ECA-719
 LAB PRES: psig SAMPLED BY : NICK CROY
 SAMPLE TEMP. : °f SAMPLING COMPANY: QB ENEGY
 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	0.00	-	-	-
HYDROGEN	0.51	-	-	-
OXYGEN/ARGON	0.00	-	-	-
NITROGEN	0.11	-	-	-
CO2	0.58	-	-16.3	-
METHANE	91.98	-	-36.9	-172
ETHANE	3.76	1.0023	-28.0	-
PROPANE	1.42	0.3927	-28.8	-
ISOBUTANE	0.28	0.0909	-27.9	-
N-BUTANE	0.37	0.1189	-28.7	-
ISOPENTANE	0.13	0.0440	0.0	-
N-PENTANE	0.10	0.0360	0.0	-
HEXANES+	0.75	0.3507	-	-
TOTAL	100.00	2.0355		

BTU @ 60 DEG F

14.65

GROSS DRY REAL = 1103.4 /scf
 GROSS SATURATED REAL = 1084.1 /scf

RELATIVE DENSITY (AIR=1 @14.696 PSIA 60F) 0.625
 GRAVITY (LB/SCF) 0.04769
 COMPRESSIBILITY FACTOR : 0.99760

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 #: **202509019-02-A-514**
 The Isotopic Data File #: **DIG-041248**

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

Precision δ¹³C < 0.5 ‰ Precision δD < 5.0 ‰

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

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