



EXTENDED NATURAL GAS ANALYSIS (*DHA)

MAIN PAGE

PRIMARY DB KEY: 05-103-08676	NAME/DESCRIP : CORRAL CREEK 4505
LEASE #:	SURFACE CASING
FIELD/AREA:	
PROJECT NO. : 202508081	ANALYSIS NO. : 02
COMPANY NAME : QB ENERGY OPERATING, LLC	ANALYSIS DATE: AUGUST 24, 2025 08:16
OFFICE / BRANCH: PARACHUTE, CO	SAMPLE DATE : AUGUST 08, 2025 11:30
CUSTOMER REF:	TO:
PRODUCER :	EFFECTIVE DATE:

*****FIELD DATA*****

SAMPLE CYCLE:	SAMPLE TYPE:
SAMPLE PRES. : psig	PROBE :
FLOW PRES. : psig	CYLINDER NO. : ECA-781
LAB PRES: psig	SAMPLED BY : NICK CROY
SAMPLE TEMP. : °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:	

<u>COMPONENT</u>	<u>MOLE %</u>	<u>MASS %</u>	<u>GPM @ 14.65</u>	<u>GPM @ 14.73</u>
ALCOHOLS	0.0018	0.0035	0.0000	0.0000
HELIUM	0.00	0.00	---	---
HYDROGEN	0.04	0.00	---	---
OXYGEN/ARGON	0.00	0.00	---	---
NITROGEN	0.17	0.29	---	---
CARBON DIOXIDE	0.02	0.05	---	---
METHANE	98.2384	94.6046	---	---
ETHANE	0.7252	1.3090	0.1928	0.1939
PROPANE	0.0467	0.1236	0.0130	0.0131
I-BUTANE	0.0099	0.0345	0.0030	0.0030
N-BUTANE	0.1431	0.4993	0.0450	0.0452
I-PENTANE	0.1502	0.6503	0.0549	0.0552
N-PENTANE	0.1411	0.6111	0.0509	0.0512
HEXANES PLUS	0.3136	1.8241	0.1210	0.1213
<u>TOTALS</u>	<u>100.0000</u>	<u>100.0000</u>	<u>0.4806</u>	<u>0.4829</u>

<u>BTEX COMPONENTS</u>	<u>MOLE%</u>	<u>WT%</u>	<u>CALCULATED VALUES**</u>	
			<u>BTU @ 14.65</u>	<u>14.73</u>
BENZENE	0.0078	0.0366		
TOLUENE	0.0140	0.0774	LHV NET DRY REAL :	934.3 /scf
ETHYLBENZENE	0.0009	0.0058		939.4 /scf
<u>XYLENES</u>	<u>0.0075</u>	<u>0.0477</u>	NET WET REAL :	918.0 /scf
<u>TOTAL BTEX</u>	<u>0.0302</u>	<u>0.1675</u>	HHV GROSS DRY REAL :	1036.5 /scf
			GROSS WET REAL :	1018.4 /scf
			NET HEATING VALUE (60 °F ideal reaction):	21344.7 Btu/lbm
			GROSS HEATING VALUE (60°F ideal reaction):	23680.0 Btu/lbm
			RELATIVE DENSITY (AIR=1):	0.5739
			DENSITY	0.04390 lbm/scf
			COMPRESSIBILITY FACTOR :	0.9979
			REGULAR WOBBE INDEX	1369.7

**(DETAILED HYDROCARBON ANALYSIS/NJ 1993)
Mod ASTM D6730,GPA 2261 & GPA 2286.*

*** (CALC: GPA 2172, GPA 2145 & TP-17 @14.696 & 60 F)*

The data presented herein has been acquired by means of current analytical techniques and represents the judicious conclusion EMPACT Analytical Systems, Inc. Results of the analysis can be affected by the sampling conditions, therefore, are only warranted through proper lab protocol. EMPACT assumes no responsibility for interpretation or any consequences from application of the reported information and is the sole liability of the user. The reproduction in any media of this reported information may not be made, in portion or as a whole, without the written permission of EMPACT Analytical Systems, Inc.



**EXTENDED NATURAL GAS ANALYSIS (*DHA)
GLYCALC INFORMATION**

PROJECT NO. :	202508081	ANALYSIS NO. :	02
COMPANY NAME :	QB ENERGY OPERATING, LLC	ANALYSIS DATE:	AUGUST 24, 2025 08:16
ACCOUNT NO. :		SAMPLE DATE :	AUGUST 08, 2025 11:30
PRODUCER :		CYLINDER NO. :	ECA-781
LEASE NO. :		SAMPLED BY :	NICK CROY
NAME/DESCRIP :	CORRAL CREEK 4505 SURFACE CASING		

FIELD DATA

SAMPLE PRES. :		SAMPLE TEMP. :	
H2S BY STAIN TUBE:	— ppm mol	AMBIENT TEMP.:	
COMMENTS :			

<u>Componet</u>	<u>Mole %</u>	<u>Wt %</u>
Helium	0.00	0.00
Hydrogen	0.04	0.00
Carbon Dioxide	0.02	0.05
Nitrogen	0.17	0.29
Methane	98.2384	94.6046
Ethane	0.7252	1.3090
Propane	0.0467	0.1236
Isobutane	0.0099	0.0345
n-Butane	0.1431	0.4993
Isopentane	0.1483	0.6423
n-Pentane	0.1411	0.6111
Cyclopentane	0.0019	0.0080
n-Hexane	0.0462	0.2390
Cyclohexane	0.0185	0.0935
Other Hexanes	0.0836	0.4300
Heptanes	0.0523	0.3130
Methylcyclohexane	0.0288	0.1698
2,2,4 Trimethylpentane	0.0000	0.0000
Benzene	0.0078	0.0366
Toluene	0.0140	0.0774
Ethylbenzene	0.0009	0.0058
Xylenes	0.0075	0.0477
C8+ Heavies	0.0540	0.4113
<u>Subtotal</u>	<u>99.99820</u>	<u>99.99650</u>
Oxygen/Argon	0.00	0.00
Alcohols	0.0018	0.0035
<u>Total</u>	<u>100.00000</u>	<u>100.00000</u>

Calculated Values BTU @		Total	C6+	C8+	C10+
	14.65				
LHV	Net Dry Real:	934.3	4874.5	6156.4	7748.9 Btu/scf
	Net Wet Real:	918.0	4789.3	6048.8	7613.4 Btu/scf
HHV	Gross Dry Real:	1036.5	5239.8	6619.2	8375.7 Btu/scf
	Gross Wet Real:	1018.4	5148.2	6503.5	8229.3 Btu/scf

Other Calculated Values					
Regualr Wobbe Index*		1369.7	2854.0	3204.3	3641.3 Btu/scf
Net Heating Value (60 °F ideal reaction):		21344.7	19203.6	19268.6	18995.6 Btu/lbm
Gross Heating Value (60 °F ideal reaction):		23680.0	20645.5	20719.3	20527.7 Btu/lbm
Molar Mass (MW):		16.65913	96.875	123.967	154.128 g/mol
Relative Density (AIR=1):		0.5739	3.3446	4.2803	5.3219 SG
Density:		0.04390	0.25529	0.32667	0.40617 lbm/scf
Compressibility Factor:		0.9979	0.9930	0.9984	0.9998 Z
Liquid Volume real gas @:	14.65	17.0654	0.1206	0.0199	0.003 gal/1000 scf

* The Wobbe pressure base in the number considered is based upon the given Pb of the HHV above.
 #DIV/0 or 0 (zero) will appear in the Calculated Value Section when there is no C6+, C8+ or C10+ in the sample to calculate these factors.
 BDL - Below Detection Limit. The H2S LOS has a detection limit of 0.25 ppm. A _ (an underscore) indicates there was no tube pulled for H2S.

The data presented herein has been acquired by means of current analytical techniques and represents the judicious conclusion EMPACT Analytical Systems, Inc. Results of the analysis can be affected by the sampling conditions, therefore, are only warranted through proper lab protocol. EMPACT assumes no responsibility for interpretation or any consequences from application of the reported information and is the sole liability of the user. The reproduction in any media of this reported information may not be made, in portion or as a whole, without the written permission of EMPACT Analytical Systems, Inc.



EXTENDED NATURAL GAS ANALYSIS (*DHA)

DHA COMPONENT LIST

PRIMARY DB KEY: 05-103-08676 NAME/DESCRIP : CORRAL CREEK 4505
 LEASE #: SURFACE CASING
 FIELD/AREA:
 PROJECT NO. : 202508081 ANALYSIS NO. : 02
 COMPANY NAME : QB ENERGY OPERATING, LLC ANALYSIS DATE: AUGUST 24, 2025 08:16
 OFFICE / BRANCH: PARACHUTE, CO SAMPLE DATE : AUGUST 08, 2025 11:30
 CUSTOMER REF: TO:
 PRODUCER : EFFECTIVE DATE:

FIELD DATA

SAMPLE CYCLE: SAMPLE TYPE:
 SAMPLE PRES. : psig PROBE :
 FLOW PRES. : psig CYLINDER NO. : ECA-781
 LAB PRES: psig SAMPLED BY : NICK CROY
 SAMPLE TEMP. : °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:

COMPONENT	PIANO #	MOLE %	MASS %	GPM @ 14.65	GPM @ 14.73
Hydrogen	---	0.04	0.00	---	---
Nitrogen	---	0.17	0.29	---	---
Carbon Dioxide	---	0.02	0.05	---	---
Methane	P1	98.2384	94.6046	---	---
Ethane	P2	0.7252	1.3090	0.193	0.194
Propane	P3	0.0467	0.1236	0.013	0.013
i-Butane	I4	0.0099	0.0345	0.003	0.003
Methanol	X1	0.0018	0.0035	0.000	0.000
n-Butane	P4	0.1431	0.4993	0.045	0.045
2,2-Dimethylpropane	I5	0.0003	0.0013	0.000	0.000
i-Pentane	I5	0.1480	0.6410	0.054	0.054
n-Pentane	P5	0.1411	0.6111	0.051	0.051
2,2-Dimethylbutane	I6	0.0033	0.0171	0.001	0.001
Cyclopentane	N5	0.0019	0.0080	0.001	0.001
2,3-Dimethylbutane	I6	0.0057	0.0295	0.002	0.002
2-Methylpentane	I6	0.0346	0.1790	0.014	0.014
3-Methylpentane	I6	0.0190	0.0983	0.008	0.008
n-Hexane	P6	0.0462	0.2390	0.019	0.019
2,2-Dimethylpentane	I7	0.0013	0.0078	0.001	0.001
Methylcyclopentane	N6	0.0210	0.1061	0.007	0.007
2,4-Dimethylpentane	I7	0.0020	0.0120	0.001	0.001
2,2,3-Trimethylbutane	I7	0.0003	0.0018	0.000	0.000
Benzene	A6	0.0078	0.0366	0.002	0.002
3,3-Dimethylpentane	I7	0.0005	0.0030	0.000	0.000
Cyclohexane	N6	0.0185	0.0935	0.006	0.006
2-Methylhexane	I7	0.0083	0.0499	0.004	0.004
2,3-Dimethylpentane	I7	0.0020	0.0120	0.001	0.001
1,1-Dimethylcyclopentane	N7	0.0019	0.0112	0.001	0.001
3-Methylhexane	I7	0.0077	0.0463	0.004	0.004

1c,3-Dimethylcyclopentane	N7	0.0027	0.0159	0.001	0.001
1t,3-Dimethylcyclopentane	N7	0.0025	0.0147	0.001	0.001
3-Ethylpentane	I7	0.0004	0.0024	0.000	0.000
1t,2-Dimethylcyclopentane	N7	0.0040	0.0236	0.002	0.002
n-Heptane	P7	0.0166	0.0998	0.008	0.008
1c,2-Dimethylcyclopentane	N7	0.0011	0.0065	0.001	0.001
Methylcyclohexane	N7	0.0288	0.1698	0.012	0.012
2,2-Dimethylhexane	I8	0.0010	0.0068	0.000	0.000
1,1,3-Trimethylcyclopentane	N7	0.0003	0.0020	0.000	0.000
Ethylcyclopentane	N7	0.0007	0.0041	0.000	0.000
2,5-Dimethylhexane	I8	0.0006	0.0041	0.000	0.000
2,2,3-Trimethylpentane	I8	0.0007	0.0048	0.000	0.000
2,4-Dimethylhexane	I8	0.0001	0.0007	0.000	0.000
1c,2t,4-Trimethylcyclopentane	N8	0.0009	0.0061	0.000	0.000
3,3-Dimethylhexane	I8	0.0002	0.0014	0.000	0.000
2,3,4-Trimethylpentane	I8	0.0001	0.0007	0.000	0.000
2,3,3-Trimethylpentane	I8	0.0001	0.0007	0.000	0.000
Toluene	A7	0.0140	0.0774	0.005	0.005
2,3-Dimethylhexane	I8	0.0006	0.0041	0.000	0.000
2-Methyl-3-ethylpentane	I8	0.0001	0.0007	0.000	0.000
2-Methylheptane	I8	0.0031	0.0213	0.002	0.002
4-Methylheptane	I8	0.0009	0.0062	0.000	0.000
3-Methyl-3-ethylpentane	I8	0.0001	0.0007	0.000	0.000
3,4-Dimethylhexane	I8	0.0001	0.0007	0.000	0.000
1c,2c,4-Trimethylcyclopentane	N8	0.0001	0.0007	0.000	0.000
3-Methylheptane	I8	0.0022	0.0151	0.001	0.001
1c,2t,3-Trimethylcyclopentane	N8	0.0037	0.0249	0.002	0.002
3-Ethylhexane	I8	0.0002	0.0014	0.000	0.000
1t,4-Dimethylcyclohexane	N8	0.0017	0.0115	0.001	0.001
1,1-Dimethylcyclohexane	N8	0.0006	0.0040	0.000	0.000
2,2,5-Trimethylhexane	I9	0.0001	0.0008	0.000	0.000
3c-Ethylmethylcyclopentane	N8	0.0001	0.0007	0.000	0.000
3t-Ethylmethylcyclopentane	N8	0.0001	0.0007	0.000	0.000
2t-Ethylmethylcyclopentane	N8	0.0001	0.0007	0.000	0.000
2,2,4-Trimethylhexane	I9	0.0001	0.0008	0.000	0.000
1t,2-Dimethylcyclohexane	N8	0.0014	0.0094	0.001	0.001
1t,3-Dimethylcyclohexane	N8	0.0001	0.0007	0.000	0.000
n-Octane	P8	0.0056	0.0384	0.003	0.003
1c,4-Dimethylcyclohexane	N8	0.0007	0.0047	0.000	0.000
i-Propylcyclopentane	I8	0.0001	0.0007	0.000	0.000
2,3,5-Trimethylhexane	I9	0.0002	0.0016	0.000	0.000
2,2,3,4-Tetramethylpentane	I9	0.0001	0.0008	0.000	0.000
2,3,4-Trimethylhexane	I9	0.0001	0.0008	0.000	0.000
1c,2-Dimethylcyclohexane	N8	0.0001	0.0007	0.000	0.000
2,2-Dimethylheptane	I9	0.0003	0.0023	0.000	0.000
1,1,4-Trimethylcyclohexane	N9	0.0014	0.0106	0.001	0.001
2,2,3-Trimethylhexane	I9	0.0007	0.0054	0.000	0.000
2,4-Dimethylheptane	I9	0.0001	0.0008	0.000	0.000
Ethylcyclohexane	N8	0.0005	0.0034	0.000	0.000
n-Propylcyclopentane	N8	0.0006	0.0040	0.000	0.000
1c,3c,5-Trimethylcyclohexane	N9	0.0003	0.0023	0.000	0.000
2,5-Dimethylheptane	I9	0.0004	0.0031	0.000	0.000
3,3-Dimethylheptane	I9	0.0002	0.0016	0.000	0.000
3,5-Dimethylheptane	I9	0.0001	0.0008	0.000	0.000
2,6-Dimethylheptane	I9	0.0001	0.0008	0.000	0.000
1,1,3-Trimethylcyclohexane	N9	0.0001	0.0008	0.000	0.000
Ethylbenzene	I8	0.0009	0.0058	0.000	0.000
2,3-Dimethylheptane	I9	0.0001	0.0008	0.000	0.000
1,3-Dimethylbenzene (m-Xylene)	A8	0.0046	0.0293	0.002	0.002
1,4-Dimethylbenzene (p-Xylene)	A8	0.0014	0.0089	0.001	0.001
3,4-Dimethylheptane	I9	0.0001	0.0008	0.000	0.000
3,4-Dimethylheptane (2)	I9	0.0001	0.0008	0.000	0.000

4-Ethylheptane	I9	0.0001	0.0008	0.000	0.000
4-Methyloctane	I9	0.0005	0.0038	0.000	0.000
2-Methyloctane	I9	0.0006	0.0046	0.000	0.000
1c,2t,3-Trimethylcyclohexane	N9	0.0001	0.0008	0.000	0.000
3-Ethylheptane	I9	0.0001	0.0008	0.000	0.000
3-Methyloctane	I9	0.0001	0.0008	0.000	0.000
1c,2t,4c-Trimethylcyclohexane	I9	0.0006	0.0046	0.000	0.000
1,1,2-Trimethylcyclohexane	N9	0.0001	0.0008	0.000	0.000
3,3-Diethylpentane	I9	0.0001	0.0008	0.000	0.000
1,2-Dimethylbenzene (o-Xylene)	A8	0.0015	0.0095	0.001	0.001
i-Butylcyclopentane	N9	0.0006	0.0046	0.000	0.000
n-Nonane	P9	0.0025	0.0193	0.001	0.001
1,1-Methylethylcyclohexane	N9	0.0004	0.0030	0.000	0.000
i-Propylbenzene	A9	0.0001	0.0007	0.000	0.000
i-Propylcyclohexane	N9	0.0001	0.0008	0.000	0.000
2,4-Dimethyloctane	I10	0.0001	0.0008	0.000	0.000
2,6-Dimethyloctane	I10	0.0001	0.0008	0.000	0.000
n-Butylcyclopentane	N9	0.0006	0.0046	0.000	0.000
3,3-Dimethyloctane	I10	0.0001	0.0008	0.000	0.000
n-Propylbenzene	A9	0.0003	0.0022	0.000	0.000
3,6-Dimethyloctane	I10	0.0002	0.0017	0.000	0.000
3-Methyl-5-ethylheptane	I10	0.0001	0.0008	0.000	0.000
1,3-Methylethylbenzene	A9	0.0006	0.0043	0.000	0.000
1,4-Methylethylbenzene	A9	0.0002	0.0014	0.000	0.000
1,3,5-Trimethylbenzene	A9	0.0007	0.0050	0.000	0.000
2,3-Dimethyloctane	I10	0.0001	0.0008	0.000	0.000
5-Methylnonane	I10	0.0002	0.0017	0.000	0.000
1,2-Methylethylbenzene	A9	0.0003	0.0022	0.000	0.000
2-Methylnonane	I10	0.0001	0.0008	0.000	0.000
3-Ethylheptane	I10	0.0001	0.0008	0.000	0.000
3-Methylnonane	I10	0.0002	0.0017	0.000	0.000
t-Butylbenzene	A10	0.0012	0.0097	0.001	0.001
i-Butylcyclohexane	N10	0.0002	0.0017	0.000	0.000
1t-Methyl-2-n-propylcyclohexane	I10	0.0001	0.0008	0.000	0.000
UnknownC9s	U9	0.0009	0.0069	0.001	0.001
n-Decane	P10	0.0012	0.0103	0.001	0.001
1,2,3-Trimethylbenzene	A9	0.0002	0.0014	0.000	0.000
Sec-Butylcyclohexane	A10	0.0001	0.0008	0.000	0.000
1,2-Methyl-i-propylbenzene	A10	0.0001	0.0008	0.000	0.000
3-Ethylnonane	I10	0.0002	0.0019	0.000	0.000
1,3-Diethylbenzene	A10	0.0003	0.0024	0.000	0.000
1,4-Diethylbenzene	A10	0.0001	0.0008	0.000	0.000
n-Butylbenzene	A10	0.0002	0.0016	0.000	0.000
1,2-Diethylbenzene	A10	0.0001	0.0008	0.000	0.000
t-Decahydronaphthalene	A9	0.0001	0.0009	0.000	0.000
1,2-Methyl-n-propylbenzene	A10	0.0001	0.0008	0.000	0.000
1,3-Dimethyl-4-ethylbenzene	A10	0.0002	0.0016	0.000	0.000
1,2-Dimethyl-4-ethylbenzene	A10	0.0001	0.0008	0.000	0.000
1,3-Dimethyl-2-ethylbenzene	A10	0.0001	0.0008	0.000	0.000
1,2-Dimethyl-3-ethylbenzene	A10	0.0001	0.0008	0.000	0.000
1,2-Ethyl-i-propylbenzene	A10	0.0001	0.0009	0.000	0.000
1,4-Methyl-t-butylbenzene	A11	0.0001	0.0009	0.000	0.000
UnknownC10s	U10	0.0014	0.0120	0.001	0.001
n-Undecane	P11	0.0007	0.0065	0.000	0.000
1,4-Ethyl-i-propylbenzene	A11	0.0001	0.0009	0.000	0.000
1,2,4,5-Tetramethylbenzene	A11	0.0001	0.0008	0.000	0.000
1,2,3,5-Tetramethylbenzene	A11	0.0001	0.0008	0.000	0.000
1,2-Methyl-t-butylbenzene	A11	0.0001	0.0009	0.000	0.000
1,2-Ethyl-n-propylbenzene	A11	0.0001	0.0009	0.000	0.000
1,3-Di-i-propylbenzene	A11	0.0001	0.0010	0.000	0.000
1,4-Di-i-propylbenzene	A11	0.0001	0.0010	0.000	0.000
Tetrahydronaphthalene	A10	0.0001	0.0008	0.000	0.000
Naphthalene	A10	0.0002	0.0016	0.000	0.000

UnknownC11s	U11	0.0004	0.0038	0.000	0.000
n-Dodecane	P12	0.0004	0.0041	0.000	0.000
1,3,5-Triethylbenzene	A12	0.0001	0.0010	0.000	0.000
n-Hexylbenzene	A12	0.0001	0.0010	0.000	0.000
1,2,3,4,5-Pentamethylbenzene	A13	0.0001	0.0009	0.000	0.000
2-Methylnaphthalene	A11	0.0001	0.0008	0.000	0.000
1-Methylnaphthalene	A11	0.0001	0.0008	0.000	0.000
UnknownC12s	U12	0.0006	0.0056	0.000	0.000
n-Tridecane	P13	0.0003	0.0033	0.000	0.000
UnknownC13s	U13	0.0003	0.0033	0.000	0.000
n-Tetradecane	P14	0.0002	0.0024	0.000	0.000
UnknownC14s	U14	0.0005	0.0059	0.000	0.000
n-Pentadecane	P15	0.0002	0.0025	0.000	0.000
UnknownC15s	U15	0.0001	0.0013	0.000	0.000
n-Hexadecane	P16	0.0001	0.0014	0.000	0.000
UnknownC16s	U16	0.0002	0.0027	0.000	0.000
UnknownC17s	U17	0.0001	0.0014	0.000	0.000
UnknownC18s	U18	0.0001	0.0015	0.000	0.000
TOTAL		100.0000	100.0000	0.4806	0.4829

CALCULATED VALUES**

BTX COMPONENTS	MOLE%	WT%	BTU @	14.65	14.73
BENZENE	0.0078	0.0366	LHV NET DRY REAL :	934.3 /scf	939.4 /scf
TOLUENE	0.0140	0.0774	NET WET REAL :	918.0 /scf	923.1 /scf
ETHYLBENZENE	0.0009	0.0058	HHV GROSS DRY REAL :	1036.5 /scf	1042.2 /scf
XYLENES	0.0075	0.0477	GROSS WET REAL :	1018.4 /scf	1024.1 /scf
TOTAL BTX	0.0302	0.1675	NET HEATING VALUE (60 °F ideal reaction):		21344.7 Btu/lbm
			GROSS HEATING VALUE (60°F ideal reaction):		23680.0 Btu/lbm
			RELATIVE DENSITY (AIR=1):		0.5739
			DENSITY		0.04390 lb/scf
			COMPRESSIBILITY FACTOR :		0.9979
			REGULAR WOBBE INDEX		1369.7

*(DETAILED HYDROCARBON ANALYSIS/NJ 1993)

Mod ASTM D6730, GPA 2261 & GPA 2286.

** (CALC: GPA 2172, GPA 2145 & TP-17 @14.696 & 60 F)

C6+ Fraction of DHA Gas Analysis @60°F, 14.696 psia

Net Dry Ideal BTU	4855.6 /scf	Relative Density - SG (Air=1)	3.3446	C6+ factors
Gross Dry Ideal BTU	5219.5 /scf	Z Compressibility Factor	0.99301	0.99219
Net Dry Ideal BTU	19203.6 /lb	Density Factor	255.294 lbm/1000 ft3	
Gross Dry Ideal BTU	20645.5 /lb	Molar Mass or MW	96.875 g/mol	
		Volume Liquid Ideal gas	0.121 scf/gal	22.9

This hexanes plus fraction may be applied in place of published C6+ factors. The Z & GPM need additional calc for C6+ factors.
#DIV/0 or 0 (zero) will appear in this section when there is no hexanes plus in the sample to calculate C6+ factors.

The data presented herein has been acquired by means of current analytical techniques and represents the judicious conclusion EMPACT Analytical Systems, Inc. Results of the analysis can be affected by the sampling conditions, therefore, are only warranted through proper lab protocol. EMPACT assumes no responsibility for interpretation or any consequences from application of the reported information and is the sole liability of the user. The reproduction in any media of this reported information may not be made, in portion or as a whole, without the written permission of EMPACT Analytical Systems, Inc.