



EXTENDED NATURAL GAS ANALYSIS (*DHA)

MAIN PAGE

PRIMARY DB KEY: **05-045-19130** NAME/DESCRIP : **SGV FEDERAL #7-41B (8D)**
 LEASE #: **300115254, COC-23443** **BRAIDEN HEAD**
 FIELD/AREA: **PARACHUTE - #67350**

PROJECT NO. : **202405083** ANALYSIS NO. : **04**
 COMPANY NAME : **CAERUS OIL & GAS LLC** ANALYSIS DATE: **MAY 20, 2024 06:37**
 OFFICE / BRANCH: **PARACHUTE, CO** SAMPLE DATE : **MAY 9, 2024 9:00**
 CUSTOMER REF: TO:
 PRODUCER : **CAERUS PICEANCE LLC** EFFECTIVE DATE:

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

SAMPLE CYCLE: SAMPLE TYPE: **SPOT**
 SAMPLE PRES. : 71 psig PROBE : **NO**
 FLOW PRES. : psig CYLINDER NO. : **ECA-809**
 LAB PRES: psig SAMPLED BY : **MIKE KELLEY**
 SAMPLE TEMP. : 44 °f SAMPLING COMPANY: **CAERUS OIL & GAS LLC**
 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>
HELIUM	0.01	0.00	---	---
HYDROGEN	0.00	0.00	---	---
OXYGEN/ARGON	0.00	0.00	---	---
NITROGEN	0.11	0.18	---	---
CARBON DIOXIDE	0.03	0.08	---	---
METHANE	94.0110	86.4140	---	---
ETHANE	3.9171	6.7486	1.0442	1.0499
PROPANE	1.0122	2.5574	0.2778	0.2793
I-BUTANE	0.2122	0.7067	0.0689	0.0693
N-BUTANE	0.2072	0.6900	0.0649	0.0653
I-PENTANE	0.0951	0.3927	0.0340	0.0341
N-PENTANE	0.0618	0.2555	0.0220	0.0221
HEXANES PLUS	0.3334	1.9751	0.1370	0.1372
TOTALS	100.0000	100.0000	1.6488	1.6572

<u>BTEX COMPONENTS</u>	<u>MOLE%</u>	<u>WT%</u>
BENZENE	0.0067	0.0300
TOLUENE	0.0042	0.0222
ETHYLBENZENE	0.0018	0.0109
XYLENES	0.0061	0.0371
TOTAL BTEX	0.0188	0.1002

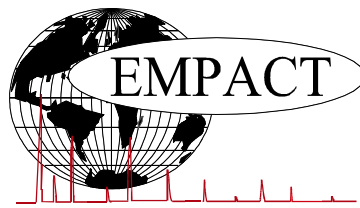
	<u>CALCULATED VALUES**</u>	
	<u>14.65</u>	<u>14.73</u>
BTU @		
LHV NET DRY REAL :	975.4 /scf	980.7 /scf
NET WET REAL :	958.3 /scf	963.6 /scf
HHV GROSS DRY REAL :	1080.8 /scf	1086.7 /scf
GROSS WET REAL :	1061.9 /scf	1067.8 /scf
NET HEATING VALUE (60 °F ideal reaction):	21257.0 Btu/lbm	21257.0 Btu/lbm
GROSS HEATING VALUE (60°F ideal reaction):	23549.2 Btu/lbm	23549.2 Btu/lbm
RELATIVE DENSITY (AIR=1):	0.6013	0.6013
DENSITY	0.04599 lbm/scf	0.04599 lbm/scf
COMPRESSIBILITY FACTOR :	0.9977	0.9977
REGULAR WOBBE INDEX	1395.0	1395.0

*(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. :	202405083	ANALYSIS NO. :	04
COMPANY NAME :	CAERUS OIL & GAS LLC	ANALYSIS DATE :	MAY 20, 2024 06:37
ACCOUNT NO. :		SAMPLE DATE :	MAY 9, 2024 9:00
PRODUCER :	CAERUS PICEANCE LLC	CYLINDER NO. :	ECA-809
LEASE NO. :	300115254, COC-23443	SAMPLED BY :	MIKE KELLEY
NAME/DESCRIP :	SGV FEDERAL #7-41B (8D) BRAIDEN HEAD		

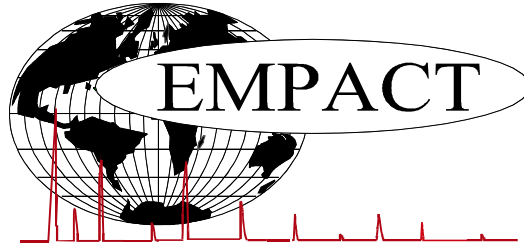
FIELD DATA		SAMPLE TEMP. :	44
SAMPLE PRES. :	71	AMBIENT TEMP.:	
H2S BY STAIN TUBE:	—		
COMMENTS :	<i>SPOT</i> <i>ppm mol</i> <i>NO PROBE</i>		

<u>Componet</u>	<u>Mole %</u>	<u>Wt %</u>
Helium	0.01	0.00
Hydrogen	0.00	0.00
Carbon Dioxide	0.03	0.08
Nitrogen	0.11	0.18
Methane	94.0110	86.4140
Ethane	3.9171	6.7486
Propane	1.0122	2.5574
Isobutane	0.2122	0.7067
n-Butane	0.2072	0.6900
Isopentane	0.0917	0.3791
n-Pentane	0.0618	0.2555
Cyclopentane	0.0034	0.0136
n-Hexane	0.0272	0.1343
Cyclohexane	0.0202	0.0974
Other Hexanes	0.0658	0.3228
Heptanes	0.0492	0.2809
Methylcyclohexane	0.0442	0.2487
2,2,4 Trimethylpentane	0.0000	0.0000
Benzene	0.0067	0.0300
Toluene	0.0042	0.0222
Ethylbenzene	0.0018	0.0109
Xylenes	0.0061	0.0371
C8+ Heavies	0.1080	0.7908
<u>Subtotal</u>	<u>100.00000</u>	<u>100.00000</u>
<u>Oxygen/Argon</u>	<u>0.00</u>	<u>0.00</u>
Total	100.00000	100.00000

	Total	C6+	C8+	C10+
Calculated Values BTU @	Sample	Fraction	Fraction	Fraction
14.65				
LHV Net Dry Real:	975.4	5207.7	6335.3	7527.0 Btu/scf
Net Wet Real:	958.3	5116.7	6224.6	7395.4 Btu/scf
HHV Gross Dry Real:	1080.8	5604.9	6825.9	8151.4 Btu/scf
Gross Wet Real:	1061.9	5506.9	6706.6	8008.9 Btu/scf
Other Calculated Values				
Regualr Wobbe Index*	1395.0	2958.4	3271.1	3596.9 Btu/scf
Net Heating Value (60 °F ideal reaction):	21257.0	19277.4	19369.3	18893.1 Btu/lbm
Gross Heating Value (60°F ideal reaction):	23549.2	20743.6	20864.1	20454.3 Btu/lbm
Molar Mass (MW):	17.4522	103.498	126.582	149.625 g/mol
Relative Density (AIR=1):	0.6013	3.5739	4.3692	5.1655 SG
Density:	0.04599	0.27274	0.33356	0.39426 lbm/scf
Compressibility Factor:	0.9977	0.9947	0.9986	0.9997 Z
Liquid Volume real gas @:	14.65	17.51	0.1366	0.0508 0.014 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.

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DHA COMPONENT LIST

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PRODUCER :	CAERUS PICEANCE LLC	EFFECTIVE DATE:	
FIELD DATA			
SAMPLE CYCLE:		SAMPLE TYPE:	SPOT
SAMPLE PRES. :	71 psig	PROBE :	NO
FLOW PRES. :	psig	CYLINDER NO. :	ECA-809
LAB PRES:	psig	SAMPLED BY :	MIKE KELLEY
SAMPLE TEMP. :	44 °f	SAMPLING COMPANY:	CAERUS OIL & GAS LLC
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
Helium	---	0.01	0.00	---	---
Hydrogen	---	0.00	0.00	---	---
Oxygen/Argon	---	0.00	0.00	---	---
Nitrogen	---	0.11	0.18	---	---
Carbon Dioxide	---	0.03	0.08	---	---
Methane	P1	94.0110	86.4140	---	---
Ethane	P2	3.9171	6.7486	1.044	1.050
Propane	P3	1.0122	2.5574	0.278	0.279
i-Butane	I4	0.2122	0.7067	0.069	0.069
n-Butane	P4	0.2072	0.6900	0.065	0.065
2,2-Dimethylpropane	I5	0.0030	0.0124	0.001	0.001
i-Pentane	I5	0.0887	0.3667	0.032	0.032
n-Pentane	P5	0.0618	0.2555	0.022	0.022
2,2-Dimethylbutane	I6	0.0035	0.0173	0.001	0.001
Cyclopentane	N5	0.0034	0.0136	0.001	0.001
2,3-Dimethylbutane	I6	0.0059	0.0291	0.002	0.002
2-Methylpentane	I6	0.0252	0.1244	0.010	0.010
3-Methylpentane	I6	0.0141	0.0696	0.006	0.006
n-Hexane	P6	0.0272	0.1343	0.011	0.011
2,2-Dimethylpentane	I7	0.0009	0.0052	0.000	0.000
Methylcyclopentane	N6	0.0171	0.0824	0.006	0.006
2,4-Dimethylpentane	I7	0.0018	0.0103	0.001	0.001
2,2,3-Trimethylbutane	I7	0.0004	0.0023	0.000	0.000
Benzene	A6	0.0067	0.0300	0.002	0.002
3,3-Dimethylpentane	I7	0.0006	0.0034	0.000	0.000
Cyclohexane	N6	0.0202	0.0974	0.007	0.007
2-Methylhexane	I7	0.0086	0.0494	0.004	0.004
2,3-Dimethylpentane	I7	0.0021	0.0120	0.001	0.001
1,1-Dimethylcyclopentane	N7	0.0017	0.0096	0.001	0.001
3-Methylhexane	I7	0.0081	0.0465	0.004	0.004

1c,3-Dimethylcyclopentane	N7	0.0029	0.0163	0.001	0.001
1t,3-Dimethylcyclopentane	N7	0.0026	0.0146	0.001	0.001
3-Ethylpentane	I7	0.0004	0.0023	0.000	0.000
1t,2-Dimethylcyclopentane	N7	0.0042	0.0236	0.002	0.002
n-Heptane	P7	0.0127	0.0729	0.006	0.006
1c,2-Dimethylcyclopentane	N7	0.0004	0.0022	0.000	0.000
Methylcyclohexane	N7	0.0442	0.2487	0.018	0.018
2,2-Dimethylhexane	I8	0.0011	0.0072	0.001	0.001
1,1,3-Trimethylcyclopentane	N7	0.0002	0.0013	0.000	0.000
Ethylcyclopentane	N7	0.0015	0.0084	0.001	0.001
2,5-Dimethylhexane	I8	0.0011	0.0072	0.001	0.001
2,2,3-Trimethylpentane	I8	0.0009	0.0059	0.000	0.000
2,4-Dimethylhexane	I8	0.0002	0.0013	0.000	0.000
1c,2t,4-Trimethylcyclopentane	N8	0.0009	0.0058	0.000	0.000
3,3-Dimethylhexane	I8	0.0003	0.0019	0.000	0.000
2,3,4-Trimethylpentane	I8	0.0001	0.0006	0.000	0.000
2,3,3-Trimethylpentane	I8	0.0001	0.0006	0.000	0.000
Toluene	A7	0.0042	0.0222	0.001	0.001
2,3-Dimethylhexane	I8	0.0009	0.0059	0.000	0.000
2-Methyl-3-ethylpentane	I8	0.0001	0.0006	0.000	0.000
2-Methylheptane	I8	0.0044	0.0288	0.002	0.002
4-Methylheptane	I8	0.0015	0.0098	0.001	0.001
3-Methyl-3-ethylpentane	I8	0.0002	0.0013	0.000	0.000
3,4-Dimethylhexane	I8	0.0001	0.0006	0.000	0.000
1c,2c,4-Trimethylcyclopentane	N8	0.0001	0.0006	0.000	0.000
3-Methylheptane	I8	0.0034	0.0222	0.002	0.002
1c,2t,3-Trimethylcyclopentane	N8	0.0079	0.0508	0.004	0.004
3-Ethylhexane	I8	0.0005	0.0033	0.000	0.000
1t,4-Dimethylcyclohexane	N8	0.0032	0.0206	0.002	0.002
1,1-Dimethylcyclohexane	N8	0.0011	0.0070	0.000	0.000
2,2,5-Trimethylhexane	I9	0.0001	0.0007	0.000	0.000
3c-Ethylmethylcyclopentane	N8	0.0003	0.0019	0.000	0.000
3t-Ethylmethylcyclopentane	N8	0.0003	0.0019	0.000	0.000
2t-Ethylmethylcyclopentane	N8	0.0003	0.0019	0.000	0.000
1,1-Methylethylcyclopentane	N8	0.0001	0.0006	0.000	0.000
2,2,4-Trimethylhexane	I9	0.0001	0.0007	0.000	0.000
1t,2-Dimethylcyclohexane	N8	0.0025	0.0161	0.001	0.001
1t,3-Dimethylcyclohexane	N8	0.0001	0.0006	0.000	0.000
UnknownC7s	U7	0.0001	0.0006	0.000	0.000
n-Octane	P8	0.0075	0.0491	0.004	0.004
1c,4-Dimethylcyclohexane	N8	0.0023	0.0148	0.001	0.001
i-Propylcyclopentane	I8	0.0001	0.0006	0.000	0.000
2,3,5-Trimethylhexane	I9	0.0003	0.0022	0.000	0.000
2,2,3,4-Tetramethylpentane	I9	0.0001	0.0007	0.000	0.000
2,3,4-Trimethylhexane	I9	0.0001	0.0007	0.000	0.000
1c,2-Dimethylcyclohexane	N8	0.0001	0.0006	0.000	0.000
2,2-Dimethylheptane	I9	0.0008	0.0059	0.000	0.000
1,1,4-Trimethylcyclohexane	N9	0.0030	0.0217	0.002	0.002
2,2,3-Trimethylhexane	I9	0.0005	0.0037	0.000	0.000
2,4-Dimethylheptane	I9	0.0002	0.0015	0.000	0.000
4,4-Dimethylheptane	I9	0.0001	0.0007	0.000	0.000
Ethylcyclohexane	N8	0.0023	0.0148	0.001	0.001
n-Propylcyclopentane	N8	0.0011	0.0070	0.000	0.000
1c,3c,5-Trimethylcyclohexane	N9	0.0004	0.0029	0.000	0.000
2,5-Dimethylheptane	I9	0.0017	0.0125	0.001	0.001
3,3-Dimethylheptane	I9	0.0003	0.0022	0.000	0.000
3,5-Dimethylheptane	I9	0.0001	0.0007	0.000	0.000
2,6-Dimethylheptane	I9	0.0002	0.0015	0.000	0.000
1,1,3-Trimethylcyclohexane	N9	0.0001	0.0007	0.000	0.000
Ethylbenzene	I8	0.0018	0.0109	0.001	0.001
2,3-Dimethylheptane	I9	0.0002	0.0015	0.000	0.000
1,3-Dimethylbenzene (m-Xylene)	A8	0.0034	0.0207	0.001	0.001
1,4-Dimethylbenzene (p-Xylene)	A8	0.0018	0.0109	0.001	0.001

3,4-Dimethylheptane	I9	0.0001	0.0007	0.000	0.000
3,4-Dimethylheptane (2)	I9	0.0002	0.0015	0.000	0.000
4-Ethylheptane	I9	0.0002	0.0015	0.000	0.000
4-Methyloctane	I9	0.0014	0.0103	0.001	0.001
2-Methyloctane	I9	0.0017	0.0125	0.001	0.001
1c,2t,3-Trimethylcyclohexane	N9	0.0001	0.0007	0.000	0.000
3-Ethylheptane	I9	0.0001	0.0007	0.000	0.000
3-Methyloctane	I9	0.0003	0.0022	0.000	0.000
1c,2t,4c-Trimethylcyclohexane	I9	0.0021	0.0152	0.001	0.001
1,1,2-Trimethylcyclohexane	N9	0.0002	0.0014	0.000	0.000
3,3-Diethylpentane	I9	0.0002	0.0015	0.000	0.000
1,2-Dimethylbenzene (o-Xylene)	A8	0.0009	0.0055	0.000	0.000
i-Butylcyclopentane	N9	0.0016	0.0116	0.001	0.001
n-Nonane	P9	0.0054	0.0397	0.003	0.003
1,1-Methylethylcyclohexane	N9	0.0009	0.0065	0.001	0.001
i-Propylbenzene	A9	0.0001	0.0007	0.000	0.000
i-Propylcyclohexane	N9	0.0003	0.0022	0.000	0.000
2,2-Dimethyloctane	I10	0.0001	0.0008	0.000	0.000
2,4-Dimethyloctane	I10	0.0003	0.0025	0.000	0.000
2,6-Dimethyloctane	I10	0.0002	0.0016	0.000	0.000
2,5-Dimethyloctane	I10	0.0001	0.0008	0.000	0.000
n-Butylcyclopentane	N9	0.0011	0.0080	0.001	0.001
3,3-Dimethyloctane	I10	0.0006	0.0049	0.000	0.000
n-Propylbenzene	A9	0.0017	0.0117	0.001	0.001
3,6-Dimethyloctane	I10	0.0003	0.0025	0.000	0.000
3-Methyl-5-ethylheptane	I10	0.0003	0.0025	0.000	0.000
1,3-Methylethylbenzene	A9	0.0004	0.0027	0.000	0.000
1,4-Methylethylbenzene	A9	0.0001	0.0007	0.000	0.000
1,3,5-Trimethylbenzene	A9	0.0007	0.0048	0.000	0.000
2,3-Dimethyloctane	I10	0.0003	0.0025	0.000	0.000
5-Methylnonane	I10	0.0010	0.0081	0.001	0.001
1,2-Methylethylbenzene	A9	0.0002	0.0014	0.000	0.000
2-Methylnonane	I10	0.0008	0.0065	0.000	0.000
3-Ethylheptane	I10	0.0004	0.0033	0.000	0.000
3-Methylnonane	I10	0.0008	0.0065	0.000	0.000
t-Butylbenzene	A10	0.0009	0.0069	0.000	0.000
i-Butylcyclohexane	N10	0.0004	0.0032	0.000	0.000
1t-Methyl-2-n-propylcyclohexane	I10	0.0001	0.0008	0.000	0.000
i-Butylbenzene	A10	0.0001	0.0007	0.000	0.000
sec-Butylbenzene	A10	0.0001	0.0007	0.000	0.000
UnknownC9s	U9	0.0024	0.0176	0.001	0.001
n-Decane	P10	0.0019	0.0155	0.001	0.001
1,2,3-Trimethylbenzene	A9	0.0001	0.0007	0.000	0.000
1,3-Methyl-i-propylbenzene	A10	0.0001	0.0007	0.000	0.000
1,4-Methyl-i-propylbenzene	A10	0.0010	0.0077	0.001	0.001
1,2-Methyl-i-propylbenzene	A10	0.0002	0.0015	0.000	0.000
3-Ethylnonane	I10	0.0002	0.0018	0.000	0.000
1,3-Diethylbenzene	A10	0.0003	0.0023	0.000	0.000
1,3-Methyl-n-propylbenzene	A10	0.0003	0.0023	0.000	0.000
1,4-Diethylbenzene	A10	0.0001	0.0007	0.000	0.000
1,4-Methyl-n-propylbenzene	A10	0.0001	0.0007	0.000	0.000
1,3-Dimethyl-5-ethylbenzene	A10	0.0002	0.0015	0.000	0.000
1,2-Diethylbenzene	A10	0.0002	0.0015	0.000	0.000
1,2-Methyl-n-propylbenzene	A10	0.0002	0.0015	0.000	0.000
1,3-Dimethyl-4-ethylbenzene	A10	0.0003	0.0023	0.000	0.000
1,2-Dimethyl-4-ethylbenzene	A10	0.0001	0.0007	0.000	0.000
1,3-Dimethyl-2-ethylbenzene	A10	0.0003	0.0023	0.000	0.000
1,2-Dimethyl-3-ethylbenzene	A10	0.0001	0.0007	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	0.0041	0.0334	0.003	0.003
n-Undecane	P11	0.0020	0.0179	0.001	0.001
1,4-Ethyl-i-propylbenzene	A11	0.0004	0.0034	0.000	0.000
1,2,4,5-Tetramethylbenzene	A11	0.0001	0.0007	0.000	0.000

1,2-Methyl-n-butylbenzene	A11	0.0002	0.0017	0.000	0.000
1,2,3,5-Tetramethylbenzene	A11	0.0002	0.0015	0.000	0.000
1,2-Methyl-t-butylbenzene	A11	0.0001	0.0009	0.000	0.000
5-Methylindan	A11	0.0001	0.0007	0.000	0.000
4-Methylindan	A11	0.0001	0.0007	0.000	0.000
1,2-Ethyl-n-propylbenzene	A11	0.0003	0.0025	0.000	0.000
2-Methylindan	A11	0.0001	0.0007	0.000	0.000
1,3-Methyl-n-butylbenzene	A11	0.0001	0.0009	0.000	0.000
1,3-Di-i-propylbenzene	A11	0.0002	0.0018	0.000	0.000
sec-Pentylbenzene	A11	0.0003	0.0025	0.000	0.000
n-Pentylbenzene	A11	0.0007	0.0060	0.000	0.000
1,4-Di-i-propylbenzene	A11	0.0001	0.0009	0.000	0.000
Tetrahydronaphthalene	A10	0.0003	0.0023	0.000	0.000
Naphthalene	A10	0.0002	0.0015	0.000	0.000
1-t-Butyl-3,5-dimethylbenzene	A12	0.0001	0.0009	0.000	0.000
1,4-Ethyl-t-butylbenzene	A11	0.0001	0.0009	0.000	0.000
1,3-Di-n-propylbenzene	A12	0.0001	0.0009	0.000	0.000
UnknownC11s	U11	0.0029	0.0260	0.002	0.002
n-Dodecane	P12	0.0011	0.0107	0.001	0.001
1,3,5-Triethylbenzene	A12	0.0003	0.0028	0.000	0.000
1,2,4-Triethylbenzene	A12	0.0001	0.0009	0.000	0.000
1,4-Methyl-n-pentylbenzene	A12	0.0002	0.0018	0.000	0.000
n-Hexylbenzene	A12	0.0001	0.0009	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
UnknownC12s	U12	0.0032	0.0286	0.002	0.002
n-Tridecane	P13	0.0002	0.0021	0.000	0.000
UnknownC13s	U13	0.0020	0.0211	0.002	0.002
UnknownC14s	U14	0.0002	0.0023	0.000	0.000
TOTAL		100.00000	100.00000	1.6488	1.6572

CALCULATED VALUES**

BTEX COMPONENTS	MOLE%	WT%	BTU @	14.65	14.73
BENZENE	0.0067	0.0300	LHV NET DRY REAL :	975.4 /scf	980.7 /scf
TOLUENE	0.0042	0.0222	NET WET REAL :	958.3 /scf	963.6 /scf
ETHYLBENZENE	0.0018	0.0109	HHV GROSS DRY REAL :	1080.8 /scf	1086.7 /scf
XYLENES	0.0061	0.0371	GROSS WET REAL :	1061.9 /scf	1067.8 /scf
TOTAL BTEX	0.0188	0.1002	NET HEATING VALUE (60 °F ideal reaction):		21257.0 Btu/lbm
			GROSS HEATING VALUE (60°F ideal reaction):		23549.2 Btu/lbm
			RELATIVE DENSITY (AIR=1):		0.6013
			DENSITY		0.04599 lb/scf
			COMPRESSIBILITY FACTOR :		0.9977
			REGULAR WOBBE INDEX		1395.0

*(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	5196.4 /scf	Relative Density - SG (Air=1)	3.5739	C6+ factors
Gross Dry Ideal BTU	5592.8 /scf	Z Compressibility Factor	0.99471	0.9937
Net Dry Ideal BTU	19277.4 /lb	Density Factor	272.74 lbm/1000 ft3	
Gross Dry Ideal BTU	20743.6 /lb	Molar Mass or MW	103.498 g/mol	
		Volume Liquid Ideal gas	0.137 scf/gal	22

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.

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