EXTENDED NATURAL GAS ANALYSIS (*DHA)

MAIN PAGE

PRIMARY DB KEY:	**05-103-10625**	NAME/DESCRIP :	**PICEANCE CREEK UNIT #T35X-11G7**
LEASE #:	**05-103-10625**		**RIO BLANCO #103**
FIELD/AREA:	**PICEANCE CREEK - #68800**		**CASING**
PROJECT NO. :	**202307022**	ANALYSIS NO. :	**01**
COMPANY NAME :	**CAERUS OIL & GAS LLC**	ANALYSIS DATE:	JULY 11, 2023 14:21
OFFICE / BRANCH:	PARACHUTE, CO	SAMPLE DATE :	JUNE 20, 2023
CUSTOMER REF:		TO:	
PRODUCER :	CAERUS PICEANCE LLC	EFFECTIVE DATE:	
FIELD DATA			
SAMPLE CYCLE:		SAMPLE TYPE:	SPOT
SAMPLE PRES. :	1656 psig	PROBE :	
FLOW PRES. :	psig	CYLINDER NO. :	TBI/UT042
LAB PRES:	psig	SAMPLED BY :	SHANE COLLETT
SAMPLE TEMP. :	73 ºf	SAMPLING COMPANY:	CAERUS OIL & GAS LLC
AMBIENT TEMP.:	ºf	H2S BY STAIN TUBE:	ppm mol
H2O BY STAIN TUBE:	#/mmcf	CO2 BY STAIN TUBE:	Mol %
FIELD COMMENTS:	***Federal Lease #8920003240***		
LAB COMMENTS:			

COMPONENT	MOLE %	MASS %	GPM @ 14.65	GPM @ 14.73
GLYCOLS	0.0024	0.0138	0.0010	0.0010
ALCOHOLS	0.3777	0.6668	0.0490	0.0492
HELIUM	0.00	0.00	---	---
HYDROGEN	0.07	0.01	---	---
OXYGEN/ARGON	0.00	0.00	---	---
NITROGEN	0.13	0.20	---	---
CARBON DIOXIDE	2.30	5.50	---	---
METHANE	90.8249	79.1421	---	---
ETHANE	4.1638	6.8004	1.1102	1.1163
PROPANE	0.9667	2.3153	0.2658	0.2673
I-BUTANE	0.2200	0.6945	0.0719	0.0723
N-BUTANE	0.1957	0.6178	0.0620	0.0623
I-PENTANE	0.1007	0.3942	0.0370	0.0372
N-PENTANE	0.0666	0.2610	0.0240	0.0241
HEXANES PLUS	0.5815	3.3841	0.2540	0.2547
TOTALS	100.00000	100.00000	1.8749	1.8844

BTEX COMPONENTS	MOLE%	WT%
BENZENE	0.0181	0.0768
TOLUENE	0.0281	0.1406
ETHYLBENZENE	0.0016	0.0092
XYLENES	0.0224	0.1292
TOTAL BTEX	0.0702	0.3558

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

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

CALCULATED VALUES**

	BTU @	14.65	14.73
LHV	NET DRY REAL :	966.9 /scf	972.2 /scf
	NET WET REAL :	950.0 /scf	955.3 /scf
HHV	GROSS DRY REAL :	1070.7 /scf	1076.6 /scf
	GROSS WET REAL :	1052.0 /scf	1057.9 /scf
	NET HEATING VALUE (60 °F ideal reaction):		19977.9 Btu/lbm
	GROSS HEATING VALUE (60°F ideal reaction):		22121.3 Btu/lbm
	RELATIVE DENSITY (AIR=1):		0.6346
	DENSITY		0.04851 lbm/scf
	COMPRESSIBILITY FACTOR :		0.9976
	REGULAR WOBBE INDEX		1345.1

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EXTENDED NATURAL GAS ANALYSIS (*DHA)

GLYCALC INFORMATION

PROJECT NO. :	202307022	ANALYSIS NO. :	01
COMPANY NAME :	CAERUS OIL & GAS LLC	ANALYSIS DATE:	JULY 11, 2023 14:21
ACCOUNT NO. :		SAMPLE DATE :	JUNE 20, 2023
PRODUCER :	CAERUS PICEANCE LLC	CYLINDER NO. :	TBI/UT042
LEASE NO. :	05-103-10625	SAMPLED BY :	SHANE COLLETT
NAME/DESCRIP :	PICEANCE CREEK UNIT #T35X-11G7 RIO BLANCO #103 CASING		
FIELD DATA		SAMPLE TEMP. :	73
SAMPLE PRES. :	1656	AMBIENT TEMP.:	
H2S BY STAIN TUBE:	_ *ppm mol*		
COMMENTS :	***SPOT*** ***Federal Lease #8920003240***		

Componet	Mole %	Wt %
Helium	0.00	0.00
Hydrogen	0.07	0.01
Carbon Dioxide	2.30	5.50
Nitrogen	0.13	0.20
Methane	90.8249	79.1421
Ethane	4.1638	6.8004
Propane	0.9667	2.3153
Isobutane	0.2200	0.6945
n-Butane	0.1957	0.6178
Isopentane	0.0971	0.3805
n-Pentane	0.0666	0.2610
Cyclopentane	0.0036	0.0137
n-Hexane	0.0391	0.1830
Cyclohexane	0.0242	0.1106
Other Hexanes	0.0775	0.3608
Heptanes	0.0810	0.4391
Methylcyclohexane	0.0545	0.2906
2,2,4 Trimethylpentane	0.0000	0.0000
Benzene	0.0181	0.0768
Toluene	0.0281	0.1406
Ethylbenzene	0.0016	0.0092
Xylenes	0.0224	0.1292
C8+ Heavies	0.2350	1.6442
Subtotal	99.61990	99.31940
Oxygen/Argon	0.00	0.00
Glycols	0.0024	0.0138
Alcohols	0.3777	0.6668
Total	100.00000	100.00000

Calculated Values BTU @ **14.65**		**Total Sample**	**C6+ Fraction**	**C8+ Fraction**	**C10+ Fraction**	
LHV	Net Dry Real:	966.9	5361.1	6326.0	7401.3	**Btu/scf**
	Net Wet Real:	950.0	5267.4	6215.4	7271.9	**Btu/scf**
HHV	Gross Dry Real:	1070.7	5760.8	6808.2	8001.4	**Btu/scf**
	Gross Wet Real:	1052.0	5660.1	6689.2	7861.5	**Btu/scf**
Other Calculated Values						
Regualr Wobbe Index*		1345.1	2991.4	3260.4	3561.3	**Btu/scf**
Net Heating Value (60 °F ideal reaction):		19977.9	19143.1	19215.3	19049.7	**Btu/lbm**
Gross Heating Value (60°F ideal reaction):		22121.3	20570.5	20676.9	20589.1	**Btu/lbm**
Molar Mass (MW):		18.4096	107.153	126.757	147.017	**g/mol**
Relative Density (AIR=1):		0.6346	3.7009	4.3766	5.0765	**SG**
Density:		0.04851	0.28239	0.33401	0.38741	**lbm/scf**
Compressiblity Factor:		0.9976	0.9958	0.9987	0.9997	**Z**
Liquid Volume real gas @:	**14.65**	17.5908	0.2532	0.1296	0.0439	**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 uderscore) indicates there was no tube pulled for H2S.

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EXTENDED NATURAL GAS ANALYSIS (*DHA)

DHA COMPONENT LIST

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PRODUCER :	CAERUS PICEANCE LLC	EFFECTIVE DATE:	
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AMBIENT TEMP.:	ºf	H2S BY STAIN TUBE:	_ ppm mol
H2O BY STAIN TUBE:	- #/mmcf	CO2 BY STAIN TUBE:	- Mol %
FIELD COMMENTS:	***Federal Lease #8920003240***		
LAB COMMENTS:			

COMPONENT	PIANO #	MOLE %	MASS %	GPM @ **14.65**	GPM @ **14.73**
Helium	---	0.00	0.00	---	---
Hydrogen	---	0.07	0.01	---	---
Oxygen/Argon	---	0.00	0.00	---	---
Nitrogen	---	0.13	0.20	---	---
Carbon Dioxide	---	2.30	5.50	---	---
Methane	P1	90.8249	79.1421	---	---
Ethane	P2	4.1638	6.8004	1.110	1.116
Propane	P3	0.9667	2.3153	0.266	0.267
i-Butane	I4	0.2200	0.6945	0.072	0.072
Methanol	X1	0.3735	0.6501	0.048	0.048
n-Butane	P4	0.1957	0.6178	0.062	0.062
2,2-Dimethylpropane	I5	0.0040	0.0157	0.002	0.002
i-Pentane	I5	0.0931	0.3648	0.034	0.034
n-Pentane	P5	0.0666	0.2610	0.024	0.024
t-Butanol	X4	0.0039	0.0157	0.001	0.001
2,2-Dimethylbutane	I6	0.0053	0.0248	0.002	0.002
n-Propanol	X3	0.0002	0.0006	0.000	0.000
Cyclopentane	N5	0.0036	0.0137	0.001	0.001
2,3-Dimethylbutane	I6	0.0073	0.0342	0.003	0.003
2-Methylpentane	I6	0.0300	0.1404	0.012	0.012
3-Methylpentane	I6	0.0170	0.0796	0.007	0.007
n-Hexane	P6	0.0391	0.1830	0.016	0.016
2-Butanol	X4	0.0001	0.0004	0.000	0.000
2,2-Dimethylpentane	I7	0.0009	0.0049	0.000	0.000
Methylcyclopentane	N6	0.0179	0.0818	0.006	0.006
2,4-Dimethylpentane	I7	0.0026	0.0142	0.001	0.001
2,2,3-Trimethylbutane	I7	0.0006	0.0033	0.000	0.000
Benzene	A6	0.0181	0.0768	0.005	0.005
3,3-Dimethylpentane	I7	0.0011	0.0060	0.000	0.000
Cyclohexane	N6	0.0242	0.1106	0.008	0.008

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2-Methylhexane	I7	0.0106	0.0577	0.005	0.005
2,3-Dimethylpentane	I7	0.0054	0.0294	0.002	0.002
1,1-Dimethylcyclopentane	N7	0.0026	0.0138	0.001	0.001
3-Methylhexane	I7	0.0118	0.0642	0.005	0.005
1c,3-Dimethylcyclopentane	N7	0.0035	0.0187	0.002	0.002
1t,3-Dimethylcyclopentane	N7	0.0032	0.0171	0.001	0.001
3-Ethylpentane	I7	0.0005	0.0027	0.000	0.000
1t,2-Dimethylcyclopentane	N7	0.0054	0.0288	0.002	0.002
n-Heptane	P7	0.0301	0.1638	0.014	0.014
1c,2-Dimethylcyclopentane	N7	0.0008	0.0043	0.000	0.000
Methylcyclohexane	N7	0.0545	0.2906	0.022	0.022
2,2-Dimethylhexane	I8	0.0019	0.0118	0.001	0.001
1,1,3-Trimethylcyclopentane	N7	0.0001	0.0006	0.000	0.000
Ethylcyclopentane	N7	0.0018	0.0096	0.001	0.001
2,5-Dimethylhexane	I8	0.0019	0.0118	0.001	0.001
2,2,3-Trimethylpentane	I8	0.0019	0.0118	0.001	0.001
1c,2t,4-Trimethylcyclopentane	N8	0.0012	0.0073	0.001	0.001
3,3-Dimethylhexane	I8	0.0006	0.0037	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	0.0281	0.1406	0.009	0.009
2,3-Dimethylhexane	I8	0.0015	0.0093	0.001	0.001
2-Methyl-3-ethylpentane	I8	0.0003	0.0018	0.000	0.000
1,1,2-Trimethylcyclopentane	N8	0.0001	0.0006	0.000	0.000
2-Methylheptane	I8	0.0094	0.0583	0.005	0.005
4-Methylheptane	I8	0.0025	0.0155	0.001	0.001
3-Methyl-3-ethylpentane	I8	0.0006	0.0037	0.000	0.000
3,4-Dimethylhexane	I8	0.0003	0.0018	0.000	0.000
1c,3-Dimethylcyclohexane	N8	0.0001	0.0006	0.000	0.000
3-Methylheptane	I8	0.0061	0.0379	0.003	0.003
1c,2t,3-Trimethylcyclopentane	N8	0.0102	0.0622	0.005	0.005
3-Ethylhexane	I8	0.0011	0.0068	0.001	0.001
1t,4-Dimethylcyclohexane	N8	0.0044	0.0268	0.002	0.002
1,1-Dimethylcyclohexane	N8	0.0017	0.0104	0.001	0.001
2,2,5-Trimethylhexane	I9	0.0002	0.0014	0.000	0.000
3c-Ethylmethylcyclopentane	N8	0.0004	0.0024	0.000	0.000
3t-Ethylmethylcyclopentane	N8	0.0003	0.0018	0.000	0.000
2t-Ethylmethylcyclopentane	N8	0.0004	0.0024	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	0.0033	0.0201	0.002	0.002
n-Octane	P8	0.0229	0.1421	0.012	0.012
1c,4-Dimethylcyclohexane	N8	0.0043	0.0262	0.002	0.002
i-Propylcyclopentane	I8	0.0001	0.0006	0.000	0.000
2,3,5-Trimethylhexane	I9	0.0005	0.0035	0.000	0.000
2,2,3,4-Tetramethylpentane	I9	0.0001	0.0007	0.000	0.000
2,3,4-Trimethylhexane	I9	0.0002	0.0014	0.000	0.000
1c,2-Dimethylcyclohexane	N8	0.0001	0.0006	0.000	0.000
2,2-Dimethylheptane	I9	0.0014	0.0098	0.001	0.001
1,1,4-Trimethylcyclohexane	N9	0.0040	0.0274	0.002	0.002
2,2,3-Trimethylhexane	I9	0.0007	0.0049	0.000	0.000
2,4-Dimethylheptane	I9	0.0002	0.0014	0.000	0.000
4,4-Dimethylheptane	I9	0.0001	0.0007	0.000	0.000
Ethylcyclohexane	N8	0.0045	0.0274	0.002	0.002
n-Propylcyclopentane	N8	0.0014	0.0085	0.001	0.001
1c,3c,5-Trimethylcyclohexane	N9	0.0005	0.0034	0.000	0.000
2,5-Dimethylheptane	I9	0.0034	0.0237	0.002	0.002
3,3-Dimethylheptane	I9	0.0006	0.0042	0.000	0.000
3,5-Dimethylheptane	I9	0.0002	0.0014	0.000	0.000
2,6-Dimethylheptane	I9	0.0002	0.0014	0.000	0.000
1,1,3-Trimethylcyclohexane	N9	0.0002	0.0014	0.000	0.000
Ethylbenzene	I8	0.0016	0.0092	0.001	0.001
1c,2t,4t-Trimethylcyclohexane	N9	0.0001	0.0007	0.000	0.000

2,3-Dimethylheptane	I9	0.0001	0.0007	0.000	0.000
1,3-Dimethylbenzene (m-Xylene)	A8	0.0143	0.0825	0.006	0.006
1,4-Dimethylbenzene (p-Xylene)	A8	0.0056	0.0323	0.002	0.002
3,4-Dimethylheptane	I9	0.0001	0.0007	0.000	0.000
3,4-Dimethylheptane (2)	I9	0.0004	0.0028	0.000	0.000
4-Ethylheptane	I9	0.0003	0.0021	0.000	0.000
4-Methyloctane	I9	0.0028	0.0195	0.002	0.002
2-Methyloctane	I9	0.0044	0.0306	0.002	0.002
1c,2t,3-Trimethylcyclohexane	N9	0.0001	0.0007	0.000	0.000
3-Ethylheptane	I9	0.0002	0.0014	0.000	0.000
3-Methyloctane	I9	0.0006	0.0042	0.000	0.000
1c,2t,4c-Trimethylcyclohexane	I9	0.0043	0.0295	0.002	0.002
1,1,2-Trimethylcyclohexane	N9	0.0002	0.0014	0.000	0.000
3,3-Diethylpentane	I9	0.0004	0.0028	0.000	0.000
1,2-Dimethylbenzene (o-Xylene)	A8	0.0025	0.0144	0.001	0.001
i-Butylcyclopentane	N9	0.0021	0.0144	0.001	0.001
UnknownC8s	U8	0.0001	0.0006	0.000	0.000
n-Nonane	P9	0.0238	0.1658	0.013	0.013
1,1-Methylethylcyclohexane	N9	0.0011	0.0075	0.001	0.001
i-Propylbenzene	A9	0.0004	0.0026	0.000	0.000
i-Propylcyclohexane	N9	0.0004	0.0027	0.000	0.000
2,2-Dimethyloctane	I10	0.0003	0.0023	0.000	0.000
2,4-Dimethyloctane	I10	0.0002	0.0015	0.000	0.000
2,6-Dimethyloctane	I10	0.0008	0.0062	0.000	0.000
2,5-Dimethyloctane	I10	0.0002	0.0015	0.000	0.000
n-Butylcyclopentane	N9	0.0019	0.0130	0.001	0.001
3,3-Dimethyloctane	I10	0.0015	0.0116	0.001	0.001
n-Propylbenzene	A9	0.0040	0.0261	0.002	0.002
Diethylene glycol	GL4	0.0024	0.0138	0.001	0.001
3,6-Dimethyloctane	I10	0.0010	0.0077	0.001	0.001
3-Methyl-5-ethylheptane	I10	0.0006	0.0046	0.000	0.000
1,3-Methylethylbenzene	A9	0.0019	0.0124	0.001	0.001
1,4-Methylethylbenzene	A9	0.0006	0.0039	0.000	0.000
1,3,5-Trimethylbenzene	A9	0.0037	0.0242	0.002	0.002
2,3-Dimethyloctane	I10	0.0009	0.0069	0.001	0.001
5-Methylnonane	I10	0.0026	0.0201	0.001	0.001
2-Methylnonane	I10	0.0034	0.0263	0.002	0.002
3-Ethyloctane	I10	0.0007	0.0054	0.000	0.000
3-Methylnonane	I10	0.0025	0.0193	0.002	0.002
t-Butylbenzene	A10	0.0026	0.0190	0.001	0.001
i-Butylcyclohexane	N10	0.0006	0.0046	0.000	0.000
1t-Methyl-2-n-propylcyclohexane	I10	0.0002	0.0015	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	0.0040	0.0279	0.002	0.002
n-Decane	P10	0.0186	0.1437	0.011	0.011
1,2,3-Trimethylbenzene	A9	0.0005	0.0033	0.000	0.000
1,3-Methyl-i-propylbenzene	A10	0.0003	0.0022	0.000	0.000
1,4-Methyl-i-propylbenzene	A10	0.0036	0.0262	0.002	0.002
Sec-Butylcyclohexane	A10	0.0001	0.0008	0.000	0.000
1,2-Methyl-i-propylbenzene	A10	0.0006	0.0044	0.000	0.000
3-Ethylnonane	I10	0.0002	0.0017	0.000	0.000
1,3-Diethylbenzene	A10	0.0009	0.0066	0.001	0.001
1,3-Methyl-n-propylbenzene	A10	0.0004	0.0029	0.000	0.000
1,4-Diethylbenzene	A10	0.0002	0.0015	0.000	0.000
1,4-Methyl-n-propylbenzene	A10	0.0002	0.0015	0.000	0.000
n-Butylbenzene	A10	0.0004	0.0029	0.000	0.000
1,3-Dimethyl-5-ethylbenzene	A10	0.0001	0.0007	0.000	0.000
1,2-Diethylbenzene	A10	0.0002	0.0015	0.000	0.000
1,2-Methyl-n-propylbenzene	A10	0.0009	0.0066	0.001	0.001
1,3-Dimethyl-4-ethylbenzene	A10	0.0018	0.0131	0.001	0.001
1,2-Dimethyl-4-ethylbenzene	A10	0.0001	0.0007	0.000	0.000
1,3-Dimethyl-2-ethylbenzene	A10	0.0011	0.0080	0.001	0.001

1,2-Dimethyl-3-ethylbenzene	A10	0.0002	0.0015	0.000	0.000
1,2-Ethyl-i-propylbenzene	A10	0.0001	0.0008	0.000	0.000
1,4-Methyl-t-butylbenzene	A11	0.0001	0.0008	0.000	0.000
UnknownC10s	U10	0.0050	0.0386	0.003	0.003
n-Undecane	P11	0.0098	0.0832	0.007	0.007
1,4-Ethyl-i-propylbenzene	A11	0.0002	0.0016	0.000	0.000
1,2,4,5-Tetramethylbenzene	A11	0.0003	0.0022	0.000	0.000
1,2-Methyl-n-butylbenzene	A11	0.0004	0.0032	0.000	0.000
1,2,3,5-Tetramethylbenzene	A11	0.0001	0.0007	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	0.0001	0.0008	0.000	0.000
1,3-Methyl-n-butylbenzene	A11	0.0002	0.0016	0.000	0.000
1,3-Di-i-propylbenzene	A11	0.0002	0.0017	0.000	0.000
1,2-Di-n-propylbenzene	A11	0.0002	0.0017	0.000	0.000
Tetrahydronaphthalene	A10	0.0001	0.0007	0.000	0.000
UnknownC11s	U11	0.0067	0.0569	0.004	0.004
n-Dodecane	P12	0.0027	0.0250	0.002	0.002
1,3,5-Triethylbenzene	A12	0.0006	0.0053	0.000	0.000
1,2,4-Triethylbenzene	A12	0.0001	0.0009	0.000	0.000
1,4-Methyl-n-pentylbenzene	A12	0.0001	0.0009	0.000	0.000
n-Hexylbenzene	A12	0.0001	0.0009	0.000	0.000
1,2,3,4,5-Pentamethylbenzene	A13	0.0003	0.0024	0.000	0.000
2-Methylnaphthalene	A11	0.0001	0.0008	0.000	0.000
UnknownC12s	U12	0.0022	0.0187	0.001	0.001
n-Tridecane	P13	0.0003	0.0030	0.000	0.000
UnknownC13s	U13	0.0003	0.0030	0.000	0.000
n-Tetradecane	P14	0.0002	0.0022	0.000	0.000
UnknownC14s	U14	0.0002	0.0022	0.000	0.000
n-Pentadecane	P15	0.0006	0.0069	0.001	0.001
UnknownC15s	U15	0.0001	0.0011	0.000	0.000
n-Hexadecane	P16	0.0001	0.0012	0.000	0.000
UnknownC16s	U16	0.0001	0.0012	0.000	0.000
n-Heptadecane	P17	0.0001	0.0013	0.000	0.000
TOTAL		100.00000	100.00000	1.8749	1.8844

BTEX COMPONENTS	MOLE%	WT%
BENZENE	0.0181	0.0768
TOLUENE	0.0281	0.1406
ETHYLBENZENE	0.0016	0.0092
XYLENES	0.0224	0.1292
TOTAL BTEX	0.0702	0.3558

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

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

CALCULATED VALUES**

BTU @	14.65	14.73
LHV NET DRY REAL :	966.9 /scf	972.2 /scf
NET WET REAL :	950.0 /scf	955.3 /scf
HHV GROSS DRY REAL :	1070.7 /scf	1076.6 /scf
GROSS WET REAL :	1052.0 /scf	1057.9 /scf

NET HEATING VALUE (60 °F ideal reaction):	19977.9 Btu/lbm
GROSS HEATING VALUE (60°F ideal reaction):	22121.3 Btu/lbm
RELATIVE DENSITY (AIR=1):	0.6346
DENSITY	0.04851 lb/scf
COMPRESSIBILITY FACTOR :	0.9976
REGULAR WOBBE INDEX	1345.1

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

Net Dry Ideal BTU	5355.5 /scf	Relative Density - SG (Air=1)	3.7009	***C6+factors***
Gross Dry Ideal BTU	5754.8 /scf	**Z** Compressiblity Factor	0.99583	0.99463
Net Dry Ideal BTU	19143.1 /lb	Density Factor	282.395 lbm/1000 ft3	
Gross Dry Ideal BTU	20570.5 /lb	Molar Mass or MW	107.153 g/mol	
		Volume Liquid Ideal gas	0.254 scf/gal	21.2

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.