

EXTENDED NATURAL GAS ANALYSIS (*DHA)

MAIN PAGE

PRIMARY DB KEY:	NAME/DESCRIP :	RAINBOW 23-20
LEASE #:		WELL HEAD
FIELD/AREA:		
PROJECT NO. :	201807035	ANALYSIS NO. : 01
COMPANY NAME :	AUSTIN EXPLORATION	ANALYSIS DATE: JULY 09, 2018 08:14
OFFICE / BRANCH:	FLORENCE, CO	SAMPLE DATE : JULY 2, 2018 17:20
CUSTOMER REF:		TO:
PRODUCER :		EFFECTIVE DATE:

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

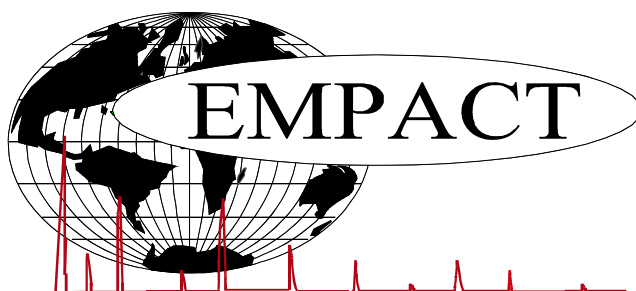
SAMPLE CYCLE:		SAMPLE TYPE:	SPOT
SAMPLE PRES. :	3 psig	PROBE :	NO
FLOW PRES. :	psig	CYLINDER NO. :	0873
LAB PRES:	psig	SAMPLED BY :	GALE MCENDREE
SAMPLE TEMP. :	107 °f	SAMPLING COMPANY:	EMPACT
AMBIENT TEMP.:	°f	H2S BY STAIN TUBE:	BDL ppm
H2O BY STAIN TUBE:	- #/mmcf	CO2 BY STAIN TUBE:	- Mol %
FIELD COMMENTS:			
LAB COMMENTS:			

<u>COMPONENT</u>	<u>MOLE %</u>	<u>MASS %</u>	<u>GPM @ 14.730</u>	<u>GPM @ 14.650</u>
HELIUM	0.09	0.02	---	---
HYDROGEN	0.01	0.00	---	---
OXYGEN/ARGON	0.02	0.03	---	---
NITROGEN	1.4500	2.0100	---	---
CARBON DIOXIDE	2.21	4.82	---	---
METHANE	85.99760	68.40060	---	---
ETHANE	3.7374	5.5717	1.0021	0.9966
PROPANE	3.2768	7.1638	0.9046	0.8997
I-BUTANE	0.5583	1.6088	0.1829	0.1819
N-BUTANE	0.9771	2.8157	0.3086	0.3069
I-PENTANE	0.3774	1.3474	0.1367	0.1360
N-PENTANE	0.2724	0.9744	0.0985	0.0980
HEXANES PLUS	1.0230	5.2376	0.4502	0.4490
TOTALS	100.00000	100.00000	3.0836	3.0681

<u>BTEX COMPONENTS</u>	<u>MOLE%</u>	<u>WT%</u>	<u>BTU @</u>	<u>14.730</u>	<u>14.650</u>
BENZENE	0.0075	0.0291	LOW NET DRY REAL :	1046.0 /scf	1040.3 /scf
TOLUENE	0.0157	0.0717	NET WET REAL :	1027.8 /scf	1022.1 /scf
ETHYLBENZENE	0.0016	0.0084	HIGH GROSS DRY REAL :	1155.0 /scf	1148.7 /scf
XYLENES	0.0102	0.0537	GROSS WET REAL :	1134.9 /scf	1128.6 /scf
TOTAL BTEX	0.0350	0.1629	NET DRY REAL :	19713.7 /lb	19606.6 /lb
			GROSS DRY REAL :	21771.2 /lb	21653.0 /lb
			RELATIVE DENSITY (AIR=1):		0.6946
			DENSITY		0.05315 lb/scf
			COMPRESSIBILITY FACTOR :		0.99723
			REGULAR WOBBE INDEX		1382.6

*(DETAILED HYDROCARBON ANALYSIS/NJ 1993) ; ASTM D6730,
GPA 2261 & GPA 2286.
(CALC: GPA 2172, GPA STD 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)

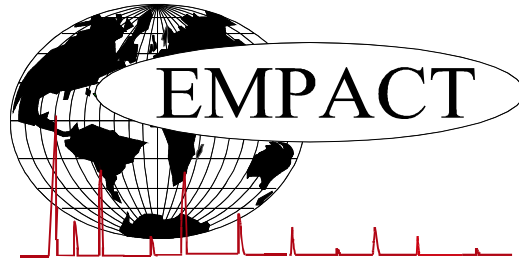
GLYCALC INFORMATION

PROJECT NO. :	201807035	ANALYSIS NO. :	01
COMPANY NAME :	AUSTIN EXPLORATION	ANALYSIS DATE:	JULY 09, 2018 09:44
ACCOUNT NO. :		SAMPLE DATE :	JULY 2, 2018 17:20
PRODUCER :		CYLINDER NO.:	0873
LEASE NO. :		SAMPLED BY :	GALE MCENDREE
NAME/DESCRIP :	RAINBOW 23-20 WELL HEAD		

FIELD DATA		SAMPLE TEMP. :	107
SAMPLE PRES. :	3	AMBIENT TEMP.:	
COMMENTS :	SPOT NO PROBE		

<u>Componet</u>	<u>Mole %</u>	<u>Wt %</u>
Helium	0.09	0.02
Hydrogen	0.01	0.00
Carbon Dioxide	2.21	4.82
Nitrogen	1.45	2.01
Methane	85.99760	68.40060
Ethane	3.7374	5.5717
Propane	3.2768	7.1638
Isobutane	0.5583	1.6088
n-Butane	0.9771	2.8157
Isopentane	0.3507	1.2545
n-Pentane	0.2724	0.9744
Cyclopentane	0.0267	0.0929
n-Hexane	0.1123	0.4798
Cyclohexane	0.0383	0.1598
Other Hexanes	0.2503	1.0618
Heptanes	0.2184	1.0792
Methycyclohexane	0.0575	0.2799
2,2,4 Trimethylpentane	0.0014	0.0079
Benzene	0.0075	0.0291
Toluene	0.0157	0.0717
Ethylbenzene	0.0016	0.0084
Xylenes	0.0102	0.0537
C8+ Heavies	0.3098	2.0063
<u>Subtotal</u>	<u>99.98000</u>	<u>99.97000</u>
Oxygen/Argon	0.02	0.03
Total	100.00000	100.00000

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**EXTENDED NATURAL GAS ANALYSIS (*DHA)
DHA COMPONENT LIST**

PRIMARY DB KEY:
LEASE #:
FIELD/AREA:

NAME/DESCRIP : **RAINBOW 23-20
WELL HEAD**

PROJECT NO. : **201807035**
COMPANY NAME : **AUSTIN EXPLORATION**
OFFICE / BRANCH: **FLORENCE, CO**
CUSTOMER REF:
PRODUCER :

ANALYSIS NO. : **01**
ANALYSIS DATE: **JULY 09, 2018 08:14**
SAMPLE DATE : **JULY 2, 2018 17:20**
TO:
EFFECTIVE DATE

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

SAMPLE CYCLE:
SAMPLE PRES. : **3** psig
FLOW PRES. : psig
LAB PRES: psig
SAMPLE TEMP. : **107** °F
AMBIENT TEMP.: °F
H2O BY STAIN TUBE: **-** #/mmcf
FIELD COMMENTS:
LAB COMMENTS:

SAMPLE TYPE: **SPOT**
PROBE : **NO**
CYLINDER NO. : **0873**
SAMPLED BY : **GALE MCENDREE**
SAMPLING COMPANY: **EMPACT**
H2S BY STAIN TUBE: **BDL** ppm
CO2 BY STAIN TUBE: **-** Mol %

COMPONENT	PIANO #	MOLE %	MASS %	GPM @ 14.730	GPM @ 14.650
Helium	---	0.09	0.02	---	---
Hydrogen	---	0.01	0.00	---	---
Oxygen/Argon	---	0.02	0.03	---	---
Nitrogen	---	1.45	2.01	---	---
Carbon Dioxide	---	2.21	4.82	---	---
Methane	P1	85.99760	68.40060	---	---
Ethane	P2	3.7374	5.5717	1.002	0.997
Propane	P3	3.2768	7.1638	0.905	0.900
i-Butane	I4	0.5583	1.6088	0.183	0.182
n-Butane	P4	0.9770	2.8154	0.309	0.307
2,2-Dimethylpropane	I5	0.0008	0.0029	0.000	0.000
i-Pentane	I5	0.3499	1.2516	0.129	0.128
UnknownC4s	U4	0.0001	0.0003	0.000	0.000
n-Pentane	P5	0.2722	0.9737	0.099	0.098
2,2-Dimethylbutane	I6	0.0019	0.0081	0.001	0.001
Cyclopentane	N5	0.0267	0.0929	0.008	0.008
2,3-Dimethylbutane	I6	0.0132	0.0564	0.005	0.005
2-Methylpentane	I6	0.0615	0.2628	0.025	0.025
3-Methylpentane	I6	0.0969	0.4140	0.039	0.039
UnknownC5s	U5	0.0002	0.0007	0.000	0.000
n-Hexane	P6	0.1123	0.4798	0.046	0.046
2,2-Dimethylpentane	I7	0.0004	0.0020	0.000	0.000
Methylcyclopentane	N6	0.0767	0.3200	0.027	0.027
2,4-Dimethylpentane	I7	0.0064	0.0318	0.003	0.003
2,2,3-Trimethylbutane	I7	0.0005	0.0025	0.000	0.000
Benzene	A6	0.0075	0.0291	0.002	0.002

3,3-Dimethylpentane	I7	0.0006	0.0030	0.000	0.000
Cyclohexane	N6	0.0383	0.1598	0.013	0.013
2-Methylhexane	I7	0.0203	0.1008	0.009	0.009
2,3-Dimethylpentane	I7	0.0204	0.1013	0.009	0.009
1,1-Dimethylcyclopentane	N7	0.0071	0.0346	0.003	0.003
3-Methylhexane	I7	0.0317	0.1575	0.015	0.015
1c,3-Dimethylcyclopentane	N7	0.0162	0.0789	0.007	0.007
1t,3-Dimethylcyclopentane	N7	0.0090	0.0438	0.004	0.004
3-Ethylpentane	I7	0.0056	0.0278	0.003	0.003
1t,2-Dimethylcyclopentane	N7	0.0277	0.1349	0.013	0.013
2,2,4-Trimethylpentane	I8	0.0014	0.0079	0.001	0.001
UnknownC6s	U6	0.0001	0.0005	0.000	0.000
n-Heptane	P7	0.0613	0.3045	0.028	0.028
1c,2-Dimethylcyclopentane	N7	0.0022	0.0107	0.001	0.001
Methylcyclohexane	N7	0.0575	0.2799	0.023	0.023
2,2-Dimethylhexane	I8	0.0058	0.0329	0.003	0.003
1,1,3-Trimethylcyclopentane	N7	0.0016	0.0089	0.001	0.001
Ethylcyclopentane	N7	0.0054	0.0263	0.002	0.002
2,5-Dimethylhexane	I8	0.0023	0.0130	0.001	0.001
2,2,3-Trimethylpentane	I8	0.0005	0.0028	0.000	0.000
2,4-Dimethylhexane	I8	0.0024	0.0136	0.001	0.001
1c,2t,4-Trimethylcyclopentane	N8	0.0090	0.0501	0.004	0.004
3,3-Dimethylhexane	I8	0.0004	0.0023	0.000	0.000
1t,2c,4-Trimethylcyclopentane	N8	0.0062	0.0345	0.003	0.003
2,3,4-Trimethylpentane	I8	0.0014	0.0079	0.001	0.001
Toluene	A7	0.0157	0.0717	0.005	0.005
2,3-Dimethylhexane	I8	0.0030	0.0170	0.002	0.002
2-Methyl-3-ethylpentane	I8	0.0021	0.0119	0.001	0.001
1,1,2-Trimethylcyclopentane	N8	0.0004	0.0022	0.000	0.000
2-Methylheptane	I8	0.0175	0.0991	0.009	0.009
4-Methylheptane	I8	0.0037	0.0210	0.002	0.002
3-Methyl-3-ethylpentane	I8	0.0020	0.0113	0.001	0.001
3,4-Dimethylhexane	I8	0.0006	0.0034	0.000	0.000
1c,2c,4-Trimethylcyclopentane	N8	0.0002	0.0011	0.000	0.000
1c,3-Dimethylcyclohexane	N8	0.0004	0.0022	0.000	0.000
3-Methylheptane	I8	0.0064	0.0362	0.003	0.003
1c,2t,3-Trimethylcyclopentane	N8	0.0138	0.0767	0.007	0.007
3-Ethylhexane	I8	0.0021	0.0119	0.001	0.001
1t,4-Dimethylcyclohexane	N8	0.0048	0.0267	0.002	0.002
1,1-Dimethylcyclohexane	N8	0.0013	0.0072	0.001	0.001
3t-Ethylmethylcyclopentane	N8	0.0021	0.0117	0.001	0.001
2t-Ethylmethylcyclopentane	N8	0.0016	0.0089	0.001	0.001
1,1-Methylethylcyclopentane	N8	0.0053	0.0295	0.003	0.003
2,2,4-Trimethylhexane	I9	0.0004	0.0025	0.000	0.000
1t,2-Dimethylcyclohexane	N8	0.0063	0.0351	0.003	0.003
UnknownC7s	U7	0.0020	0.0099	0.001	0.001
n-Octane	P8	0.0272	0.1540	0.014	0.014
1c,4-Dimethylcyclohexane	N8	0.0010	0.0056	0.001	0.001
i-Propylcyclopentane	I8	0.0004	0.0022	0.000	0.000
2,4,4-Trimethylhexane	I9	0.0003	0.0019	0.000	0.000
2,3,5-Trimethylhexane	I9	0.0013	0.0083	0.001	0.001
2,2,3,4-Tetramethylpentane	I9	0.0003	0.0019	0.000	0.000
2,3,4-Trimethylhexane	I9	0.0004	0.0025	0.000	0.000
1c,2-Dimethylcyclohexane	N8	0.0018	0.0100	0.001	0.001
2,2-Dimethylheptane	I9	0.0002	0.0013	0.000	0.000
1,1,4-Trimethylcyclohexane	N9	0.0066	0.0413	0.003	0.003
2,2,3-Trimethylhexane	I9	0.0038	0.0241	0.002	0.002
2,4-Dimethylheptane	I9	0.0003	0.0019	0.000	0.000
4,4-Dimethylheptane	I9	0.0004	0.0025	0.000	0.000

Ethylcyclohexane	N8	0.0047	0.0261	0.002	0.002
n-Propylcyclopentane	N8	0.0029	0.0161	0.001	0.001
1c,3c,5-Trimethylcyclohexane	N9	0.0004	0.0025	0.000	0.000
2,5-Dimethylheptane	I9	0.0008	0.0051	0.000	0.000
3,3-Dimethylheptane	I9	0.0008	0.0051	0.000	0.000
3,5-Dimethylheptane	I9	0.0006	0.0038	0.000	0.000
2,6-Dimethylheptane	I9	0.0006	0.0038	0.000	0.000
1,1,3-Trimethylcyclohexane	N9	0.0015	0.0094	0.001	0.001
Ethylbenzene	I8	0.0016	0.0084	0.001	0.001
1c,2t,4t-Trimethylcyclohexane	N9	0.0014	0.0088	0.001	0.001
2,3-Dimethylheptane	I9	0.0044	0.0280	0.002	0.002
1,3-Dimethylbenzene (m-Xylene)	A8	0.0038	0.0200	0.001	0.001
1,4-Dimethylbenzene (p-Xylene)	A8	0.0038	0.0200	0.001	0.001
3,4-Dimethylheptane	I9	0.0003	0.0019	0.000	0.000
3,4-Dimethylheptane (2)	I9	0.0008	0.0051	0.000	0.000
4-Ethylheptane	I9	0.0004	0.0025	0.000	0.000
4-Methyloctane	I9	0.0023	0.0146	0.001	0.001
2-Methyloctane	I9	0.0024	0.0153	0.001	0.001
1c,2t,3-Trimethylcyclohexane	N9	0.0006	0.0038	0.000	0.000
3-Ethylheptane	I9	0.0008	0.0051	0.000	0.000
3-Methyloctane	I9	0.0033	0.0210	0.002	0.002
1c,2t,4c-Trimethylcyclohexane	I9	0.0004	0.0025	0.000	0.000
1,1,2-Trimethylcyclohexane	N9	0.0002	0.0012	0.000	0.000
3,3-Diethylpentane	I9	0.0002	0.0013	0.000	0.000
1,2-Dimethylbenzene (o-Xylene)	A8	0.0026	0.0137	0.001	0.001
i-Butylcyclopentane	N9	0.0014	0.0088	0.001	0.001
UnknownC8s	U8	0.0019	0.0108	0.001	0.001
n-Nonane	P9	0.0108	0.0687	0.006	0.006
1,1-Methylethylcyclohexane	N9	0.0014	0.0088	0.001	0.001
i-Propylbenzene	A9	0.0017	0.0101	0.001	0.001
i-Propylcyclohexane	N9	0.0007	0.0044	0.000	0.000
2,2-Dimethyloctane	I10	0.0003	0.0021	0.000	0.000
2,4-Dimethyloctane	I10	0.0006	0.0042	0.000	0.000
2,6-Dimethyloctane	I10	0.0001	0.0007	0.000	0.000
2,5-Dimethyloctane	I10	0.0001	0.0007	0.000	0.000
n-Butylcyclopentane	N9	0.0018	0.0113	0.001	0.001
3,3-Dimethyloctane	I10	0.0005	0.0035	0.000	0.000
n-Propylbenzene	A9	0.0007	0.0042	0.000	0.000
3,6-Dimethyloctane	I10	0.0008	0.0057	0.000	0.000
3-Methyl-5-ethylheptane	I10	0.0013	0.0092	0.001	0.001
1,3-Methylethylbenzene	A9	0.0012	0.0071	0.001	0.001
1,4-Methylethylbenzene	A9	0.0004	0.0024	0.000	0.000
1,3,5-Trimethylbenzene	A9	0.0014	0.0083	0.001	0.001
2,3-Dimethyloctane	I10	0.0004	0.0028	0.000	0.000
5-Methylnonane	I10	0.0014	0.0099	0.001	0.001
1,2-Methylethylbenzene	A9	0.0009	0.0054	0.001	0.001
2-Methylnonane	I10	0.0008	0.0057	0.000	0.000
3-Ethylheptane	I10	0.0002	0.0014	0.000	0.000
3-Methylnonane	I10	0.0009	0.0064	0.001	0.001
1,2,4-Trimethylbenzene	A9	0.0001	0.0006	0.000	0.000
t-Butylbenzene	A10	0.0025	0.0167	0.001	0.001
i-Butylcyclohexane	N10	0.0008	0.0056	0.000	0.000
1t-Methyl-2-n-propylcyclohexane	I10	0.0001	0.0007	0.000	0.000
i-Butylbenzene	A10	0.0002	0.0013	0.000	0.000
sec-Butylbenzene	A10	0.0003	0.0020	0.000	0.000
UnknownC9s	U9	0.0081	0.0515	0.005	0.005
n-Decane	P10	0.0060	0.0423	0.004	0.004
1,2,3-Trimethylbenzene	A9	0.0006	0.0036	0.000	0.000
1,3-Methyl-i-propylbenzene	A10	0.0002	0.0013	0.000	0.000

1,4-Methyl-i-propylbenzene	A10	0.0002	0.0013	0.000	0.000
Sec-Butylcyclohexane	A10	0.0003	0.0021	0.000	0.000
1,2-Methyl-i-propylbenzene	A10	0.0007	0.0047	0.000	0.000
3-Ethylnonane	I10	0.0001	0.0008	0.000	0.000
1,3-Diethylbenzene	A10	0.0003	0.0020	0.000	0.000
1,3-Methyl-n-propylbenzene	A10	0.0004	0.0027	0.000	0.000
1,4-Diethylbenzene	A10	0.0007	0.0047	0.000	0.000
1,4-Methyl-n-propylbenzene	A10	0.0005	0.0033	0.000	0.000
n-Butylbenzene	A10	0.0004	0.0027	0.000	0.000
1,3-Dimethyl-5-ethylbenzene	A10	0.0001	0.0006	0.000	0.000
1,2-Diethylbenzene	A10	0.0004	0.0027	0.000	0.000
t-Decahydronaphthalene	A9	0.0005	0.0038	0.000	0.000
1,2-Methyl-n-propylbenzene	A10	0.0007	0.0047	0.000	0.000
1,4-Dimethyl-2-ethylbenzene	A10	0.0011	0.0073	0.001	0.001
1,3-Dimethyl-4-ethylbenzene	A10	0.0006	0.0040	0.000	0.000
1,2-Dimethyl-4-ethylbenzene	A10	0.0004	0.0027	0.000	0.000
1,3-Dimethyl-2-ethylbenzene	A10	0.0001	0.0006	0.000	0.000
1,2-Dimethyl-3-ethylbenzene	A10	0.0007	0.0047	0.000	0.000
1,2-Ethyl-i-propylbenzene	A10	0.0002	0.0015	0.000	0.000
1,4-Methyl-t-butylbenzene	A11	0.0007	0.0052	0.000	0.000
UnknownC10s	U10	0.0114	0.0804	0.007	0.007
n-Undecane	P11	0.0062	0.0480	0.004	0.004
1,4-Ethyl-i-propylbenzene	A11	0.0005	0.0037	0.000	0.000
1,2,4,5-Tetramethylbenzene	A11	0.0008	0.0053	0.000	0.000
1,2-Methyl-n-butylbenzene	A11	0.0005	0.0037	0.000	0.000
1,2,3,5-Tetramethylbenzene	A11	0.0005	0.0033	0.000	0.000
1,2-Methyl-t-butylbenzene	A11	0.0006	0.0044	0.000	0.000
5-Methylindan	A11	0.0002	0.0013	0.000	0.000
4-Methylindan	A11	0.0001	0.0006	0.000	0.000
1,2-Ethyl-n-propylbenzene	A11	0.0009	0.0066	0.001	0.001
2-Methylindan	A11	0.0005	0.0033	0.000	0.000
1,3-Methyl-n-butylbenzene	A11	0.0004	0.0029	0.000	0.000
1,3-Di-i-propylbenzene	A11	0.0005	0.0040	0.000	0.000
sec-Pentylbenzene	A11	0.0005	0.0037	0.000	0.000
n-Pentylbenzene	A11	0.0006	0.0044	0.000	0.000
1t-M-2-(4MP)cyclopentane	P12	0.0003	0.0025	0.000	0.000
1,2-Di-n-propylbenzene	A11	0.0007	0.0057	0.001	0.001
1,4-Di-i-propylbenzene	A11	0.0008	0.0064	0.001	0.001
Tetrahydronaphthalene	A10	0.0005	0.0033	0.000	0.000
Naphthalene	A10	0.0007	0.0045	0.001	0.001
1-t-Butyl-3,5-dimethylbenzene	A12	0.0005	0.0040	0.000	0.000
1,4-Ethyl-t-butylbenzene	A11	0.0004	0.0032	0.000	0.000
1,3-Di-n-propylbenzene	A12	0.0005	0.0040	0.000	0.000
UnknownC11s	U11	0.0085	0.0659	0.006	0.006
n-Dodecane	P12	0.0062	0.0524	0.004	0.004
1,3,5-Triethylbenzene	A12	0.0013	0.0105	0.001	0.001
1,2,4-Triethylbenzene	A12	0.0003	0.0024	0.000	0.000
1,4-Methyl-n-pentylbenzene	A12	0.0006	0.0048	0.000	0.000
n-Hexylbenzene	A12	0.0006	0.0048	0.000	0.000
1,2,3,4,5-Pentamethylbenzene	A13	0.0010	0.0073	0.001	0.001
2-Methylnaphthalene	A11	0.0014	0.0099	0.001	0.001
1-Methylnaphthalene	A11	0.0007	0.0050	0.001	0.001
UnknownC12s	U12	0.0057	0.0442	0.004	0.004
n-Tridecane	P13	0.0038	0.0348	0.003	0.003
UnknownC13s	U13	0.0064	0.0585	0.005	0.005
n-Tetradecane	P14	0.0016	0.0157	0.001	0.001
UnknownC14s	U14	0.0043	0.0423	0.004	0.004
n-Pentadecane	P15	0.0004	0.0042	0.000	0.000
UnknownC15s	U15	0.0024	0.0253	0.002	0.002

n-Hexadecane	P16	0.0001	0.0011	0.000	0.000
UnknownC16s	U16	<u>0.0004</u>	<u>0.0045</u>	<u>0.000</u>	<u>0.000</u>
TOTAL		100.00000	100.00000	3.0836	3.0681

BTEX COMPONENTS	MOLE%	WT%	BTU @	14.730	14.650
BENZENE	0.0075	0.0291	LOW NET DRY REAL :	1046.0 /scf	1040.3 /scf
TOLUENE	0.0157	0.0717	NET WET REAL :	1027.8 /scf	1022.1 /scf
ETHYLBENZENE	0.0016	0.0084	HIGH GROSS DRY REAL :	1155.0 /scf	1148.7 /scf
XYLENES	0.0102	0.0537	GROSS WET REAL :	1134.9 /scf	1128.6 /scf
TOTAL BTEX	0.0350	0.1629	NET DRY REAL :	19713.7 /lb	19606.6 /lb
			GROSS DRY REAL :	21771.2 /lb	21653.0 /lb
			RELATIVE DENSITY (AIR=1):		0.6946
			DENSITY		0.05315 lb/scf
			COMPRESSIBILITY FACTOR :		0.99723
			REGULAR WOBBE INDEX		1382.6

*(DETAILED HYDROCARBON ANALYSIS/NJ 1993) ; ASTM D6730,

GPA 2261 & GPA 2286.

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

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

Net Dry Ideal BTU	5200.4 /scf	Relative Density - SG (Air=1)	3.5656	C6+factors
Gross Dry Ideal BTU	5602.8 /scf	Z Compressibility Factor	0.99412	0.99295
Net Dry Ideal BTU	19368.9 /lb	Density Factor	272.096 lbm/1000 ft ³	
Gross Dry Ideal BTU	20865 /lb	Molar Mass or MW	103.248 g/mol	
		Volume Liquid Ideal gas	0.449 scf/gal	20.9

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.

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