EMPACT ANALYTICAL SYSTEMS INC.
365 S. MAIN ST.
BRIGHTON, CO
80601

303-637-0150

EXTENDED NATURAL GAS ANALYSIS (*DHA)

MAIN PAGE

PROJECT NO. :	201412098	ANALYSIS NO. :	05
COMPANY NAME :	GULFPORT ENERGY CORP.	ANALYSIS DATE:	DECEMBER 18, 2014
ACCOUNT NO. :		SAMPLE DATE :	DECEMBER 8, 2014
PRODUCER :		CYLINDER NO. :	1857
LEASE NO. :		SAMPLED BY :	ALAN P.
NAME/DESCRIP :	MEEKER 1-4-1-9		
FIELD DATA		SAMPLE TEMP. :	112
SAMPLE PRES. :	7.5 PSIG	AMBIENT TEMP.:	
VAPOR PRES. :		GRAVITY :	
COMMENTS :	SPOT; NO PROBE; LENGTH OF H2S STAIN @ 0 PPM (1-7PPM) POSSIBLE MOISTURE IN SAMPLE - EMPACT		

COMPONENT	MOLE %	MASS %	GPM @ 14.650	GPM @ 14.730
HELIUM	0.03	0.01	---	---
HYDROGEN	0.01	0.00	---	---
OXYGEN/ARGON	0.01	0.01	---	---
NITROGEN	0.49	0.60	---	---
CARBON DIOXIDE	0.44	0.85	---	---
METHANE	82.36810	58.21120	---	---
ETHANE	6.7211	8.9030	1.7929	1.8027
PROPANE	4.0891	7.9433	1.1240	1.1301
I-BUTANE	0.4840	1.2393	0.1580	0.1589
N-BUTANE	1.4159	3.6254	0.4450	0.4474
I-PENTANE	0.4489	1.4223	0.1610	0.1619
N-PENTANE	0.4329	1.3759	0.1560	0.1568
HEXANES PLUS	3.0600	15.8096	1.5440	1.5502
TOTALS	100.00000	100.00000	5.3809	5.4080

BTEX COMPONENTS	MOLE%	WT%
BENZENE	0.0493	0.1697
TOLUENE	0.0731	0.2967
ETHYLBENZENE	0.0029	0.0136
XYLENES	0.0635	0.2971
TOTAL BTEX	0.1888	0.7771

	BTU @	14.650	14.730
LOW	NET DRY REAL :	1222.4 /scf	1229.0 /scf
	NET WET REAL :	1201.0 /scf	1207.7 /scf
HIGH	GROSS DRY REAL :	1344.4 /scf	1351.8 /scf
	GROSS WET REAL :	1320.9 /scf	1328.3 /scf
	NET DRY REAL :	20450.4 /lb	20562.1 /lb
	GROSS DRY REAL :	22501.9 /lb	22624.8 /lb
	RELATIVE DENSITY (AIR=1):		0.7834
	COMPRESSIBILITY FACTOR :		0.99691

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

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

EMPACT ANALYTICAL SYSTEMS INC.
365 S. MAIN ST.
BRIGHTON, CO
80601

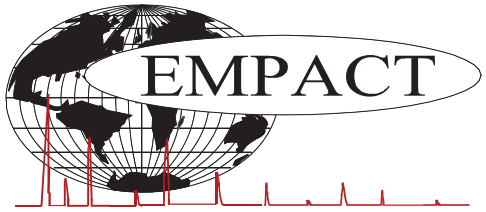
303-637-0150

EXTENDED NATURAL GAS ANALYSIS (*DHA)

GLYCALC INFORMATION

PROJECT NO. :	201412098	ANALYSIS NO. :	05
COMPANY NAME :	GULFPORT ENERGY CORP.	ANALYSIS DATE:	DECEMBER 18, 2014
ACCOUNT NO. :		SAMPLE DATE :	DECEMBER 8, 2014
PRODUCER :		CYLINDER NO. :	1857
LEASE NO. :		SAMPLED BY :	ALAN P.
NAME/DESCRIP :	MEEKER 1-4-1-9		
FIELD DATA		SAMPLE TEMP. :	112
SAMPLE PRES. :	7.5 PSIG	AMBIENT TEMP.:	
VAPOR PRES. :		GRAVITY :	
COMMENTS :	SPOT; NO PROBE; LENGTH OF H2S STAIN @ 0 PPM (1-7PPM) POSSIBLE MOISTURE IN SAMPLE - EMPACT		

Componet	Mole %	Wt %
Helium	0.03	0.01
Hydrogen	0.01	0.00
Carbon Dioxide	0.44	0.85
Nitrogen	0.49	0.60
Methane	82.36810	58.21120
Ethane	6.7211	8.9030
Propane	4.0891	7.9433
Isobutane	0.4840	1.2393
n-Butane	1.4159	3.6254
Isopentane	0.3992	1.2687
n-Pentane	0.4329	1.3759
Cyclopentane	0.0497	0.1536
n-Hexane	0.1834	0.6963
Cyclohexane	0.1130	0.4189
Other Hexanes	0.3603	1.3557
Heptanes	0.3675	1.6140
Methycyclohexane	0.1710	0.7397
2,2,4 Trimethylpentane	0.0043	0.0216
Benzene	0.0493	0.1697
Toluene	0.0731	0.2967
Ethylbenzene	0.0029	0.0136
Xylenes	0.0635	0.2971
C8+ Heavies	1.6717	10.1863
Subtotal	99.99000	99.99000
Oxygen/Argon	0.01	0.01
Total	100.00000	100.00000



EXTENDED NATURAL GAS ANALYSIS (*DHA)

DHA COMPONENT LIST

PROJECT NO. :	201412098	ANALYSIS NO. :	05
COMPANY NAME :	GULFPORT ENERGY CORP.	ANALYSIS DATE:	DECEMBER 18, 2014
ACCOUNT NO. :		SAMPLE DATE :	DECEMBER 8, 2014
PRODUCER :		CYLINDER NO. :	1857
LEASE NO. :		SAMPLED BY :	ALAN P.
NAME/DESCRIP :	MEEKER 1-4-1-9		
FIELD DATA		SAMPLE TEMP. :	112
SAMPLE PRES. :	7.5 PSIG	AMBIENT TEMP.:	
VAPOR PRES. :		GRAVITY :	
COMMENTS :	SPOT; NO PROBE; LENGTH OF H2S STAIN @ 0 PPM (1-7PPM)		
	POSSIBLE MOISTURE IN SAMPLE - EMPACT		

COMPONENT	PIANO #	MOLE %	MASS %	GPM @ 14.650	GPM @ 14.730
Helium	---	0.03	0.01	---	---
Hydrogen	---	0.01	0.00	---	---
Oxygen/Argon	---	0.01	0.01	---	---
Nitrogen	---	0.49	0.60	---	---
Carbon Dioxide	---	0.44	0.85	---	---
Methane	P1	82.36810	58.21120	---	---
Ethane	P2	6.7211	8.9030	1.793	1.803
Propane	P3	4.0891	7.9433	1.124	1.130
i-Butane	I4	0.4840	1.2393	0.158	0.159
n-Butane	P4	1.4159	3.6254	0.445	0.447
2,2-Dimethylpropane	I5	0.0025	0.0079	0.001	0.001
i-Pentane	I5	0.3967	1.2608	0.145	0.146
n-Pentane	P5	0.4328	1.3756	0.156	0.157
2,2-Dimethylbutane	I6	0.0052	0.0197	0.002	0.002
Cyclopentane	N5	0.0497	0.1536	0.015	0.015
2,3-Dimethylbutane	I6	0.0101	0.0383	0.004	0.004
2-Methylpentane	I6	0.1267	0.4810	0.052	0.052
3-Methylpentane	I6	0.0789	0.2995	0.032	0.032
UnknownC5s	U5	0.0001	0.0003	0.000	0.000
n-Hexane	P6	0.1834	0.6963	0.075	0.075
2,2-Dimethylpentane	I7	0.0007	0.0031	0.000	0.000
Methylcyclopentane	N6	0.1349	0.5001	0.048	0.048
2,4-Dimethylpentane	I7	0.0092	0.0406	0.004	0.004
2,2,3-Trimethylbutane	I7	0.0012	0.0053	0.001	0.001
Benzene	A6	0.0493	0.1697	0.014	0.014
3,3-Dimethylpentane	I7	0.0001	0.0004	0.000	0.000
Cyclohexane	N6	0.1130	0.4189	0.038	0.038
2-Methylhexane	I7	0.0201	0.0887	0.009	0.009
2,3-Dimethylpentane	I7	0.0211	0.0931	0.010	0.010
1,1-Dimethylcyclopentane	N7	0.0168	0.0727	0.007	0.007
3-Methylhexane	I7	0.0458	0.2022	0.021	0.021
1c,3-Dimethylcyclopentane	N7	0.0181	0.0783	0.008	0.008
1t,3-Dimethylcyclopentane	N7	0.0175	0.0757	0.008	0.008
3-Ethylpentane	I7	0.0061	0.0269	0.003	0.003
1t,2-Dimethylcyclopentane	N7	0.0425	0.1838	0.020	0.020
2,2,4-Trimethylpentane	I8	0.0043	0.0216	0.002	0.002
UnknownC6s	U6	0.0045	0.0171	0.002	0.002
n-Heptane	P7	0.1143	0.5045	0.053	0.053
1c,2-Dimethylcyclopentane	N7	0.0038	0.0164	0.002	0.002
Methylcyclohexane	N7	0.1710	0.7397	0.069	0.069
2,2-Dimethylhexane	I8	0.0120	0.0604	0.006	0.006

EMPACT Analytical Systems, Inc 365 S. Main Street, Brighton, CO 80601 303-637-0150

1,1,3-Trimethylcyclopentane	N7	0.0031	0.0153	0.001	0.001
Ethylcyclopentane	N7	0.0100	0.0433	0.004	0.004
2,5-Dimethylhexane	I8	0.0058	0.0292	0.003	0.003
2,2,3-Trimethylpentane	I8	0.0011	0.0056	0.001	0.001
2,4-Dimethylhexane	I8	0.0066	0.0332	0.003	0.003
1c,2t,4-Trimethylcyclopentane	N8	0.0112	0.0554	0.005	0.005
3,3-Dimethylhexane	I8	0.0020	0.0100	0.001	0.001
1t,2c,4-Trimethylcyclopentane	N8	0.0133	0.0657	0.006	0.006
2,3,4-Trimethylpentane	I8	0.0010	0.0050	0.000	0.000
2,3,3-Trimethylpentane	I8	0.0016	0.0081	0.001	0.001
Toluene	A7	0.0731	0.2967	0.024	0.024
2,3-Dimethylhexane	I8	0.0034	0.0171	0.002	0.002
2-Methyl-3-ethylpentane	I8	0.0057	0.0287	0.003	0.003
1,1,2-Trimethylcyclopentane	N8	0.0005	0.0025	0.000	0.000
2-Methylheptane	I8	0.0335	0.1686	0.017	0.017
4-Methylheptane	I8	0.0082	0.0413	0.004	0.004
3-Methyl-3-ethylpentane	I8	0.0132	0.0664	0.006	0.006
3,4-Dimethylhexane	I8	0.0030	0.0151	0.001	0.001
1c,2c,4-Trimethylcyclopentane	N8	0.0006	0.0030	0.000	0.000
1c,3-Dimethylcyclohexane	N8	0.0009	0.0045	0.000	0.000
3-Methylheptane	I8	0.0050	0.0252	0.003	0.003
1c,2t,3-Trimethylcyclopentane	N8	0.0517	0.2556	0.026	0.026
3-Ethylhexane	I8	0.0121	0.0609	0.006	0.006
1t,4-Dimethylcyclohexane	N8	0.0146	0.0722	0.007	0.007
1,1-Dimethylcyclohexane	N8	0.0043	0.0213	0.002	0.002
2,2,5-Trimethylhexane	I9	0.0012	0.0068	0.001	0.001
3t-Ethylmethylcyclopentane	N8	0.0038	0.0188	0.002	0.002
2t-Ethylmethylcyclopentane	N8	0.0042	0.0208	0.002	0.002
1,1-Methylethylcyclopentane	N8	0.0097	0.0479	0.005	0.005
2,2,4-Trimethylhexane	I9	0.0016	0.0090	0.001	0.001
1t,2-Dimethylcyclohexane	N8	0.0229	0.1132	0.012	0.012
1t,3-Dimethylcyclohexane	N8	0.0003	0.0015	0.000	0.000
UnknownC7s	U7	0.0371	0.1637	0.017	0.017
n-Octane	P8	0.0352	0.1771	0.018	0.018
1c,4-Dimethylcyclohexane	N8	0.0567	0.2803	0.029	0.029
i-Propylcyclopentane	I8	0.0012	0.0060	0.001	0.001
2,4,4-Trimethylhexane	I9	0.0009	0.0051	0.000	0.000
2,3,5-Trimethylhexane	I9	0.0043	0.0243	0.002	0.002
2,2,3,4-Tetramethylpentane	I9	0.0014	0.0079	0.001	0.001
2,3,4-Trimethylhexane	I9	0.0032	0.0181	0.002	0.002
1c,2-Dimethylcyclohexane	N8	0.0040	0.0198	0.002	0.002
2,2-Dimethylheptane	I9	0.0012	0.0068	0.001	0.001
1,1,4-Trimethylcyclohexane	N9	0.0281	0.1563	0.014	0.014
2,2,3-Trimethylhexane	I9	0.0075	0.0424	0.004	0.004
2,4-Dimethylheptane	I9	0.0008	0.0045	0.000	0.000
4,4-Dimethylheptane	I9	0.0033	0.0186	0.002	0.002
Ethylcyclohexane	N8	0.0097	0.0479	0.004	0.004
n-Propylcyclopentane	N8	0.0085	0.0420	0.004	0.004
1c,3c,5-Trimethylcyclohexane	N9	0.0036	0.0200	0.002	0.002
2,5-Dimethylheptane	I9	0.0051	0.0288	0.003	0.003
3,3-Dimethylheptane	I9	0.0038	0.0215	0.002	0.002
3,5-Dimethylheptane	I9	0.0022	0.0124	0.001	0.001
1,1,3-Trimethylcyclohexane	N9	0.0004	0.0022	0.000	0.000
Ethylbenzene	I8	0.0029	0.0136	0.001	0.001
1c,2t,4t-Trimethylcyclohexane	N9	0.0124	0.0689	0.007	0.007
2,3-Dimethylheptane	I9	0.0232	0.1311	0.013	0.013
1,3-Dimethylbenzene (m-Xylene)	A8	0.0327	0.1530	0.013	0.013
1,4-Dimethylbenzene (p-Xylene)	A8	0.0096	0.0449	0.004	0.004
3,4-Dimethylheptane	I9	0.0024	0.0136	0.001	0.001
3,4-Dimethylheptane (2)	I9	0.0018	0.0102	0.001	0.001
4-Ethylheptane	I9	0.0010	0.0056	0.001	0.001
4-Methyloctane	I9	0.0118	0.0667	0.007	0.007
2-Methyloctane	I9	0.0105	0.0593	0.006	0.006
1c,2t,3-Trimethylcyclohexane	N9	0.0071	0.0395	0.004	0.004

3-Ethylheptane	I9	0.0044	0.0248	0.002	0.002
3-Methyloctane	I9	0.0090	0.0508	0.005	0.005
1c,2t,4c-Trimethylcyclohexane	I9	0.0067	0.0373	0.004	0.004
1,1,2-Trimethylcyclohexane	N9	0.0017	0.0095	0.001	0.001
3,3-Diethylpentane	I9	0.0033	0.0186	0.002	0.002
1,2-Dimethylbenzene (o-Xylene)	A8	0.0212	0.0992	0.008	0.008
i-Butylcyclopentane	N9	0.0152	0.0845	0.008	0.008
UnknownC8s	U8	0.0172	0.0866	0.009	0.009
n-Nonane	P9	0.0536	0.3028	0.030	0.030
1,1-Methylethylcyclohexane	N9	0.0246	0.1368	0.014	0.014
i-Propylbenzene	A9	0.0047	0.0249	0.002	0.002
i-Propylcyclohexane	N9	0.0031	0.0172	0.002	0.002
2,2-Dimethyloctane	I10	0.0017	0.0107	0.001	0.001
2,4-Dimethyloctane	I10	0.0025	0.0157	0.001	0.001
2,6-Dimethyloctane	I10	0.0043	0.0270	0.002	0.002
2,5-Dimethyloctane	I10	0.0026	0.0163	0.001	0.001
n-Butylcyclopentane	N9	0.0126	0.0701	0.007	0.007
3,3-Dimethyloctane	I10	0.0043	0.0270	0.003	0.003
n-Propylbenzene	A9	0.0057	0.0302	0.002	0.002
3,6-Dimethyloctane	I10	0.0048	0.0301	0.003	0.003
3-Methyl-5-ethylheptane	I10	0.0026	0.0163	0.001	0.001
1,3-Methylethylbenzene	A9	0.0026	0.0138	0.001	0.001
1,4-Methylethylbenzene	A9	0.0038	0.0201	0.002	0.002
1,3,5-Trimethylbenzene	A9	0.0066	0.0349	0.003	0.003
2,3-Dimethyloctane	I10	0.0016	0.0100	0.001	0.001
5-Methylnonane	I10	0.0139	0.0871	0.008	0.008
1,2-Methylethylbenzene	A9	0.0031	0.0164	0.002	0.002
2-Methylnonane	I10	0.0012	0.0075	0.001	0.001
3-Ethyloctane	I10	0.0076	0.0476	0.004	0.004
3-Methylnonane	I10	0.0037	0.0232	0.002	0.002
1,2,4-Trimethylbenzene	A9	0.0005	0.0026	0.000	0.000
t-Butylbenzene	A10	0.0109	0.0644	0.005	0.005
i-Butylcyclohexane	N10	0.0071	0.0439	0.004	0.004
1t-Methyl-2-n-propylcyclohexane	I10	0.0018	0.0111	0.001	0.001
i-Butylbenzene	A10	0.0014	0.0083	0.001	0.001
sec-Butylbenzene	A10	0.0034	0.0201	0.002	0.002
UnknownC9s	U9	0.0783	0.4424	0.044	0.044
n-Decane	P10	0.0401	0.2513	0.025	0.025
1,2,3-Trimethylbenzene	A9	0.0012	0.0063	0.001	0.001
1,3-Methyl-i-propylbenzene	A10	0.0061	0.0361	0.003	0.003
1,4-Methyl-i-propylbenzene	A10	0.0026	0.0154	0.001	0.001
Sec-Butylcyclohexane	A10	0.0107	0.0661	0.006	0.006
1,2-Methyl-i-propylbenzene	A10	0.0076	0.0449	0.004	0.004
3-Ethylnonane	I10	0.0025	0.0172	0.001	0.001
1,3-Diethylbenzene	A10	0.0032	0.0189	0.002	0.002
1,3-Methyl-n-propylbenzene	A10	0.0048	0.0284	0.003	0.003
1,4-Diethylbenzene	A10	0.0023	0.0136	0.001	0.001
1,4-Methyl-n-propylbenzene	A10	0.0010	0.0059	0.001	0.001
n-Butylbenzene	A10	0.0034	0.0201	0.002	0.002
1,3-Dimethyl-5-ethylbenzene	A10	0.0011	0.0065	0.001	0.001
1,2-Diethylbenzene	A10	0.0071	0.0420	0.003	0.003
t-Decahydronaphthalene	A9	0.0061	0.0415	0.004	0.004
1,4-Dimethyl-2-ethylbenzene	A10	0.0055	0.0325	0.004	0.004
1,3-Dimethyl-4-ethylbenzene	A10	0.0025	0.0148	0.002	0.002
1,2-Dimethyl-4-ethylbenzene	A10	0.0106	0.0627	0.005	0.005
1,3-Dimethyl-2-ethylbenzene	A10	0.0057	0.0337	0.003	0.003
1,2-Dimethyl-3-ethylbenzene	A10	0.0041	0.0242	0.002	0.002
1,2-Ethyl-i-propylbenzene	A10	0.0024	0.0157	0.002	0.002
1,4-Methyl-t-butylbenzene	A11	0.0043	0.0281	0.003	0.003
UnknownC10s	U10	0.1641	1.0286	0.100	0.101
n-Undecane	P11	0.0561	0.3863	0.037	0.037
1,4-Ethyl-i-propylbenzene	A11	0.0014	0.0092	0.001	0.001
1,2,4,5-Tetramethylbenzene	A11	0.0097	0.0574	0.005	0.005
1,2-Methyl-n-butylbenzene	A11	0.0048	0.0314	0.003	0.003

1,2,3,5-Tetramethylbenzene	A11	0.0086	0.0508	0.006	0.006
1,2-Methyl-t-butylbenzene	A11	0.0056	0.0366	0.004	0.004
5-Methylindan	A11	0.0017	0.0099	0.001	0.001
4-Methylindan	A11	0.0003	0.0018	0.000	0.000
1,2-Ethyl-n-propylbenzene	A11	0.0087	0.0568	0.006	0.006
2-Methylindan	A11	0.0040	0.0233	0.003	0.003
1,3-Methyl-n-butylbenzene	A11	0.0029	0.0189	0.002	0.002
1,3-Di-i-propylbenzene	A11	0.0036	0.0257	0.002	0.002
sec-Pentylbenzene	A11	0.0047	0.0307	0.003	0.003
n-Pentylbenzene	A11	0.0046	0.0300	0.002	0.002
1t-M-2-(4MP)cyclopentane	P12	0.0019	0.0141	0.001	0.001
1,2-Di-n-propylbenzene	A11	0.0064	0.0458	0.005	0.005
1,4-Di-i-propylbenzene	A11	0.0068	0.0486	0.005	0.005
Tetrahydronaphthalene	A10	0.0025	0.0146	0.002	0.002
Naphthalene	A10	0.0059	0.0333	0.004	0.004
1-t-Butyl-3,5-dimethylbenzene	A12	0.0018	0.0129	0.001	0.001
1,4-Ethyl-t-butylbenzene	A11	0.0041	0.0293	0.003	0.003
1,3-Di-n-propylbenzene	A12	0.0045	0.0322	0.003	0.003
UnknownC11s	U11	0.1381	0.9510	0.092	0.093
n-Dodecane	P12	0.0415	0.3114	0.030	0.030
1,3,5-Triethylbenzene	A12	0.0013	0.0093	0.001	0.001
1,2,4-Triethylbenzene	A12	0.0117	0.0837	0.007	0.007
1,4-Methyl-n-pentylbenzene	A12	0.0039	0.0279	0.003	0.003
n-Hexylbenzene	A12	0.0052	0.0372	0.003	0.003
1,2,3,4,5-Pentamethylbenzene	A13	0.0084	0.0548	0.006	0.006
2-Methylnaphthalene	A11	0.0055	0.0345	0.004	0.004
1-Methylnaphthalene	A11	0.0024	0.0150	0.002	0.002
UnknownC12s	U12	0.0589	0.4056	0.039	0.039
n-Tridecane	P13	0.0201	0.1633	0.015	0.015
UnknownC13s	U13	0.0460	0.3736	0.035	0.035
n-Tetradecane	P14	0.0069	0.0603	0.006	0.006
UnknownC14s	U14	0.0221	0.1931	0.018	0.018
n-Pentadecane	P15	0.0019	0.0178	0.002	0.002
UnknownC15s	U15	0.0076	0.0711	0.007	0.007
n-Hexadecane	P16	0.0004	0.0040	0.000	0.000
UnknownC16s	U16	0.0017	0.0170	0.001	0.001
UnknownC17s	U17	0.0001	0.0011	0.000	0.000
TOTAL		100.00000	100.00000	5.3809	5.4080

BTEX COMPONENTS	MOLE%	WT%
BENZENE	0.0493	0.1697
TOLUENE	0.0731	0.2967
ETHYLBENZENE	0.0029	0.0136
XYLENES	0.0635	0.2971
TOTAL BTEX	0.1888	0.7771

		BTU @ 14.650	BTU @ 14.730
LOW	NET DRY REAL :	1222.4 /scf	1229.0 /scf
	NET WET REAL :	1201.0 /scf	1207.7 /scf
HIGH	GROSS DRY REAL :	1344.4 /scf	1351.8 /scf
	GROSS WET REAL :	1320.9 /scf	1328.3 /scf
	NET DRY REAL :	20450.4 /lb	20562.1 /lb
	GROSS DRY REAL :	22501.9 /lb	22624.8 /lb
	RELATIVE DENSITY (AIR=1):		0.7834
	COMPRESSIBILITY FACTOR :		0.99691

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

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