



5530 Marshall Street
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EXTENDED GAS ANALYSIS

SAMPLE DATA

PROJECT NO..... OG-2019-0175
COMPANY NAME..... K.P. Kauffman
SITE..... Church-Frick
UNIT ID..... Church-Frick
SAMPLED BY..... AJM

SAMPLE ID..... Sales Gas
ANALYSIS DATE..... 9/10/2019
SAMPLE DATE..... 9/9/2019
CYLINDER NO..... GV-10
LAB ANALYST..... CLB

FIELD DATA

SAMPLE PRESSURE..... 49 psig
AMBIENT PRESSURE..... 11.9 psi

SAMPLE TEMP..... 89 F
AMBIENT TEMP..... 79 F

COMMENTS:

LABORATORY DATA

COMPONENT	MOLE %	WT%	GPM
HYDROGEN SULFIDE.....	0.0000	0.0000	0.0000
CARBON DIOXIDE.....	2.6751	5.0177	0.4572
NITROGEN.....	4.4893	5.3600	0.4946
METHANE.....	68.2974	46.6976	11.5947
ETHANE.....	11.9851	15.3596	3.2097
PROPANE.....	7.5921	14.2684	2.0946
ISOBUTANE.....	0.7263	1.7992	0.2380
N-BUTANE.....	2.1283	5.2723	0.6719
ISOPENTANE.....	0.3453	1.0619	0.1265
N-PENTANE.....	0.3342	1.0278	0.1213
CYCLOPENTANE.....	0.0268	0.0802	0.0080
N-HEXANE.....	0.0894	0.3284	0.0368
CYCLOHEXANE.....	0.0481	0.1725	0.0164
OTHER HEXANES.....	0.1669	0.6081	0.0655
HEPTANES.....	0.0868	0.3692	0.0392
METHYLCYCLOHEXANE.....	0.0777	0.3251	0.0313
2,2,4 TRIMETHYLPENTANE.....	0.0002	0.0007	0.0001
BENZENE.....	0.0140	0.0468	0.0039
TOLUENE.....	0.0295	0.1160	0.0099
ETHYLBENZENE.....	0.0030	0.0137	0.0012
XYLENES.....	0.0167	0.0753	0.0065
OCTANES.....	0.0904	0.4357	0.0439
NONANES.....	0.0201	0.1080	0.0106
DECANES.....	0.0903	0.5463	0.0550
SUBTOTAL	99.3331	99.0904	19.3367
OXYGEN/ARGON	0.6669	0.9096	0.0593
TOTAL	100.00	100.00	19.40

BTU @

MOLECULAR WEIGHT.....	23.4629	NET DRY REAL	1140.5430 /scf
RELATIVE DENSITY (AIR=1).....	0.8101		
COMPRESSIBILITY FACTOR.....	0.9960	GROSS DRY REAL	1258.7543 /scf
		GROSS WET REAL	1236.6262 /scf