



5530 Marshall Street
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EXTENDED GAS ANALYSIS

SAMPLE DATA

PROJECT NO..... OG-2020-0036
 COMPANY NAME..... K.P. Kauffman
 SITE..... Rosenfield #6-5
 UNIT ID..... Well Casing
 SAMPLED BY..... MLR

SAMPLE ID..... Gas
 ANALYSIS DATE..... 1/30/2020
 SAMPLE DATE..... 1/27/2020
 CYLINDER NO..... GV-157
 LAB ANALYST..... CLB

FIELD DATA

SAMPLE PRESSURE..... 255 psig
 AMBIENT PRESSURE..... 11.9 psi

SAMPLE TEMP..... 45 F
 AMBIENT TEMP..... 39 F

COMMENTS: _____

LABORATORY DATA

COMPONENT	MOLE %	WT%	GPM
HYDROGEN SULFIDE.....	0.0000	0.0000	0.0000
CARBON DIOXIDE.....	2.6105	5.0546	0.4461
NITROGEN.....	2.7372	3.3737	0.3015
METHANE.....	71.0011	50.1144	12.0532
ETHANE.....	12.0513	15.9433	3.2273
PROPANE.....	7.5859	14.7173	2.0928
ISOBUTANE.....	0.7509	1.9203	0.2461
N-BUTANE.....	2.5328	6.4769	0.7996
ISOPENTANE.....	0.3524	1.1186	0.1290
N-PENTANE.....	0.2298	0.7294	0.0834
CYCLOPENTANE.....	0.0087	0.0268	0.0026
N-HEXANE.....	0.0355	0.1347	0.0146
CYCLOHEXANE.....	0.0024	0.0088	0.0008
OTHER HEXANES.....	0.0225	0.0852	0.0091
HEPTANES.....	0.0060	0.0265	0.0027
METHYLCYCLOHEXANE.....	0.0067	0.0291	0.0027
2,2,4 TRIMETHYLPENTANE.....	0.0000	0.0000	0.0000
BENZENE.....	0.0008	0.0029	0.0002
TOLUENE.....	0.0023	0.0094	0.0008
ETHYLBENZENE.....	0.0005	0.0022	0.0002
XYLENES.....	0.0024	0.0112	0.0009
OCTANES.....	0.0119	0.0593	0.0057
NONANES.....	0.0037	0.0205	0.0019
DECANES.....	0.0150	0.0935	0.0091
SUBTOTAL	99.9704	99.9584	19.4304
OXYGEN/ARGON	0.0296	0.0416	0.0026
TOTAL	100.00	100.00	19.43

BTU @

MOLECULAR WEIGHT.....	22.7287	NET DRY REAL	1143.4520 /scf
RELATIVE DENSITY (AIR=1).....	0.7848		
COMPRESSIBILITY FACTOR.....	0.9961	GROSS DRY REAL	1262.8130 /scf
		GROSS WET REAL	1240.6156 /scf