



# AIR POLLUTION TESTING, INC.

DENVER, SALT LAKE CITY

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## EXTENDED GAS ANALYSIS

### SAMPLE DATA

PROJECT NO..... KPK5027  
COMPANY NAME..... KP Kaufman  
SITE..... Wagner A #2  
UNIT ID..... Well Head Gas  
SAMPLED BY..... TJ

SAMPLE ID..... Well Head Gas  
ANALYSIS DATE..... 3/3/2015  
SAMPLE DATE..... 2/27/2015  
CYLINDER NO..... GV-88  
LAB ANALYST..... CB

### FIELD DATA

SAMPLE PRESSURE..... 25 psi  
AMBIENT PRESSURE..... 12.2 psi

SAMPLE TEMP..... 30 degrees F  
AMBIENT TEMP..... 14 degrees F

COMMENTS:

### LABORATORY DATA

COMPONENT	MOLE %	WT%	GPM
HYDROGEN SULFIDE.....	0.0000	0.0000	0.0000
CARBON DIOXIDE.....	0.6948	1.1435	0.1190
NITROGEN.....	1.8407	1.9282	0.2032
METHANE.....	63.5729	38.1373	10.8134
ETHANE.....	10.9942	12.3620	2.9500
PROPANE.....	11.8122	19.4774	3.2651
ISOBUTANE.....	2.0166	4.3831	0.6621
N-BUTANE.....	4.7953	10.4224	1.5168
ISOPENTANE.....	1.2216	3.2959	0.4482
N-PENTANE.....	1.4468	3.9035	0.5262
CYCLOPENTANE.....	0.1826	0.4789	0.0543
N-HEXANE.....	0.4163	1.3415	0.1718
CYCLOHEXANE.....	0.2346	0.7385	0.0801
OTHER HEXANES.....	0.5165	1.6645	0.2131
HEPTANES.....	0.0419	0.1570	0.0194
METHYLCYCLOHEXANE.....	0.0323	0.1188	0.0130
2,2,4 TRIMETHYLPENTANE.....	0.0393	0.1679	0.0198
BENZENE.....	0.0284	0.0829	0.0080
TOLUENE.....	0.0045	0.0156	0.0015
ETHYLBENZENE.....	0.0024	0.0096	0.0009
XYLENES.....	0.0057	0.0227	0.0022
C8+ HEAVIES.....	0.0094	0.0401	0.0048
SUBTOTAL	99.9090	99.8911	21.0931
OXYGEN/ARGON	0.0910	0.1089	0.0081
<b>TOTAL</b>	<b>100</b>	<b>100</b>	<b>21.1012</b>

### BTU @

MOLECULAR WEIGHT.....	26.7420	NET DRY REAL	1399.4905 /scf
RELATIVE DENSITY (AIR=1).....	0.9233		
COMPRESSIBILITY FACTOR.....	0.9941	GROSS DRY REAL	1542.2731 /scf
		GROSS WET REAL	1516.0430 /scf