

### EXTENDED GAS ANALYSIS

#### SAMPLE DATA

PROJECT NO..... KPK5027  
COMPANY NAME..... KP Kaufman  
SITE..... Seltzer #1A  
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-110  
LAB ANALYST..... CB

#### FIELD DATA

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

SAMPLE TEMP..... 28 degrees F  
AMBIENT TEMP..... 10 degrees F

COMMENTS:

#### LABORATORY DATA

COMPONENT	MOLE %	WT%	GPM
HYDROGEN SULFIDE.....	0.0000	0.0000	0.0000
CARBON DIOXIDE.....	0.6492	1.0529	0.1112
NITROGEN.....	1.4229	1.4690	0.1571
METHANE.....	61.6562	36.4511	10.4900
ETHANE.....	13.3129	14.7521	3.5731
PROPANE.....	11.7348	19.0692	3.2445
ISOBUTANE.....	1.8864	4.0406	0.6195
N-BUTANE.....	4.6902	10.0463	1.4840
ISOPENTANE.....	1.2593	3.3483	0.4622
N-PENTANE.....	1.5099	4.0147	0.5493
CYCLOPENTANE.....	0.2226	0.5754	0.0662
N-HEXANE.....	0.5268	1.6730	0.2174
CYCLOHEXANE.....	0.2971	0.9215	0.1014
OTHER HEXANES.....	0.6097	1.9364	0.2516
HEPTANES.....	0.0385	0.1422	0.0178
METHYLCYCLOHEXANE.....	0.0276	0.0999	0.0111
2,2,4 TRIMETHYLPENTANE.....	0.0478	0.2014	0.0241
BENZENE.....	0.0418	0.1202	0.0117
TOLUENE.....	0.0023	0.0078	0.0008
ETHYLBENZENE.....	0.0001	0.0004	0.0000
XYLENES.....	0.0006	0.0023	0.0002
C8+ HEAVIES.....	0.0003	0.0014	0.0002
SUBTOTAL	99.9371	99.9258	21.3935
OXYGEN/ARGON	0.0629	0.0742	0.0056
<b>TOTAL</b>	<b>100</b>	<b>100</b>	<b>21.3991</b>

#### BTU @

MOLECULAR WEIGHT.....	27.1355	NET DRY REAL	1427.0137 /scf
RELATIVE DENSITY (AIR=1).....	0.9369		
COMPRESSIBILITY FACTOR.....	0.9939	GROSS DRY REAL	1572.4785 /scf
		GROSS WET REAL	1545.7418 /scf