



AIR POLLUTION TESTING, INC.

DENVER, SALT LAKE CITY

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EXTENDED GAS ANALYSIS

SAMPLE DATA

PROJECT NO..... LOAA6140
COMPANY NAME..... Olsson Associates
SITE..... Flathead
UNIT ID..... Flathead
SAMPLED BY..... Olsson Associates

SAMPLE ID..... Sales Gas
ANALYSIS DATE..... 10/31/2016
SAMPLE DATE..... 10/27/2016
CYLINDER NO..... GV-117
LAB ANALYST..... CB

FIELD DATA

SAMPLE PRESSURE..... 1 psig
AMBIENT PRESSURE..... 12.2 psi

SAMPLE TEMP..... 68 F
AMBIENT TEMP..... 82 F

COMMENTS: _____

LABORATORY DATA

COMPONENT	MOLE %	WT%	GPM
HYDROGEN SULFIDE.....	0.0000	0.0000	0.0000
CARBON DIOXIDE.....	2.9174	6.0136	0.4984
NITROGEN.....	1.2008	1.5755	0.1322
METHANE.....	84.0688	63.1674	14.2663
ETHANE.....	3.7810	5.3249	1.0122
PROPANE.....	3.5053	7.2394	0.9667
ISOBUTANE.....	0.6183	1.6833	0.2025
N-BUTANE.....	1.2307	3.3502	0.3884
ISOPENTANE.....	0.4652	1.5721	0.1703
N-PENTANE.....	0.3880	1.3112	0.1408
CYCLOPENTANE.....	0.0720	0.2366	0.0214
N-HEXANE.....	0.1489	0.6009	0.0613
CYCLOHEXANE.....	0.0494	0.1946	0.0168
OTHER HEXANES.....	0.3336	1.3465	0.1373
HEPTANES.....	0.2971	1.3943	0.1372
METHYLCYCLOHEXANE.....	0.0817	0.3757	0.0329
2,2,4 TRIMETHYLPENTANE.....	0.0296	0.1581	0.0149
BENZENE.....	0.0101	0.0368	0.0028
TOLUENE.....	0.0106	0.0456	0.0035
ETHYLBENZENE.....	0.0051	0.0251	0.0020
XYLENES.....	0.0242	0.1205	0.0094
C8+ HEAVIES.....	0.6836	4.1096	0.3854
SUBTOTAL	99.9212	99.8819	18.6025
OXYGEN/ARGON	0.0788	0.1181	0.0070
TOTAL	100	100	18.6095

BTU @

MOLECULAR WEIGHT.....	21.3508	NET DRY REAL	1088.7356 /scf
RELATIVE DENSITY (AIR=1).....	0.7372		
COMPRESSIBILITY FACTOR.....	0.9965	GROSS DRY REAL	1203.4492 /scf
		GROSS WET REAL	1182.9098 /scf