



# 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..... Apache Gold  
UNIT ID..... Apache Gold  
SAMPLED BY..... Olsson Associates

SAMPLE ID..... Sales Gas  
ANALYSIS DATE..... 10/28/2016  
SAMPLE DATE..... 10/27/2016  
CYLINDER NO..... GV-31  
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.....	2.9221	5.9761	0.4992
NITROGEN.....	1.2706	1.6541	0.1399
METHANE.....	83.1999	62.0253	14.1194
ETHANE.....	3.9973	5.5855	1.0701
PROPANE.....	3.8439	7.8767	1.0601
ISOBUTANE.....	0.6695	1.8084	0.2193
N-BUTANE.....	1.3682	3.6956	0.4318
ISOPENTANE.....	0.5095	1.7084	0.1865
N-PENTANE.....	0.4180	1.4015	0.1517
CYCLOPENTANE.....	0.0771	0.2512	0.0228
N-HEXANE.....	0.1523	0.6100	0.0627
CYCLOHEXANE.....	0.0515	0.2016	0.0175
OTHER HEXANES.....	0.3483	1.3947	0.1434
HEPTANES.....	0.2910	1.3551	0.1344
METHYLCYCLOHEXANE.....	0.0807	0.3684	0.0325
2,2,4 TRIMETHYLPENTANE.....	0.0296	0.1570	0.0149
BENZENE.....	0.0106	0.0385	0.0030
TOLUENE.....	0.0056	0.0238	0.0019
ETHYLBENZENE.....	0.0093	0.0459	0.0036
XYLENES.....	0.0221	0.1089	0.0086
C8+ HEAVIES.....	0.5971	3.5264	0.3339
SUBTOTAL	99.8744	99.8133	18.6572
OXYGEN/ARGON	0.1256	0.1867	0.0112
<b>TOTAL</b>	<b>100</b>	<b>100</b>	<b>18.6684</b>

### BTU @

MOLECULAR WEIGHT.....	21.5192	NET DRY REAL	1095.1986 /scf
RELATIVE DENSITY (AIR=1).....	0.7430		
COMPRESSIBILITY FACTOR.....	0.9964	GROSS DRY REAL	1210.4422 /scf
		GROSS WET REAL	1189.7851 /scf