

EXTENDED GAS ANALYSIS

SAMPLE DATA

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

SAMPLE ID..... Sales Gas
ANALYSIS DATE..... 11/3/2016
SAMPLE DATE..... 10/27/2016
CYLINDER NO..... GV-68
LAB ANALYST..... CB

FIELD DATA

SAMPLE PRESSURE..... 1.5 psig
AMBIENT PRESSURE..... 12.2 psi

SAMPLE TEMP..... 68 F
AMBIENT TEMP..... 80 F

COMMENTS: _____

LABORATORY DATA

COMPONENT	MOLE %	WT%	GPM
HYDROGEN SULFIDE.....	0.0000	0.0000	0.0000
CARBON DIOXIDE.....	2.5811	5.4686	0.4407
NITROGEN.....	3.9301	5.3003	0.4326
METHANE.....	82.6240	63.8125	14.0144
ETHANE.....	3.5552	5.1465	0.9513
PROPANE.....	3.2884	6.9808	0.9064
ISOBUTANE.....	0.5751	1.6092	0.1883
N-BUTANE.....	1.0651	2.9804	0.3360
ISOPENTANE.....	0.3935	1.3670	0.1440
N-PENTANE.....	0.3047	1.0583	0.1105
CYCLOPENTANE.....	0.0515	0.1739	0.0153
N-HEXANE.....	0.1056	0.4383	0.0435
CYCLOHEXANE.....	0.0326	0.1320	0.0111
OTHER HEXANES.....	0.2430	1.0081	0.1000
HEPTANES.....	0.1954	0.9424	0.0902
METHYLCYCLOHEXANE.....	0.0513	0.2426	0.0206
2,2,4 TRIMETHYLPENTANE.....	0.0191	0.1052	0.0096
BENZENE.....	0.0050	0.0189	0.0014
TOLUENE.....	0.0065	0.0290	0.0022
ETHYLBENZENE.....	0.0051	0.0262	0.0020
XYLENES.....	0.0116	0.0591	0.0045
C8+ HEAVIES.....	0.3551	2.1751	0.1986
SUBTOTAL	99.3991	99.0743	18.0231
OXYGEN/ARGON	0.6009	0.9257	0.0534
TOTAL	100	100	18.0764

BTU @

MOLECULAR WEIGHT.....	20.7717	NET DRY REAL	1017.7288 /scf
RELATIVE DENSITY (AIR=1).....	0.7172		
COMPRESSIBILITY FACTOR.....	0.9969	GROSS DRY REAL	1125.6195 /scf
		GROSS WET REAL	1106.3889 /scf