



AIR POLLUTION TESTING, INC.

DENVER, SALT LAKE CITY

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EXTENDED GAS ANALYSIS

SAMPLE DATA

PROJECT NO..... LGWO8031
COMPANY NAME..... Great Western
SITE..... Raindance
UNIT ID..... 23-369 HN
SAMPLED BY..... DW

SAMPLE ID..... Sales Gas
ANALYSIS DATE..... 2/8/2018
SAMPLE DATE..... 2/7/2018
CYLINDER NO..... GV-74
LAB ANALYST..... CB

FIELD DATA

SAMPLE PRESSURE..... 177 psi
AMBIENT PRESSURE..... 12.4 psi

SAMPLE TEMP..... 98 F
AMBIENT TEMP..... 48 F

COMMENTS:

LABORATORY DATA

COMPONENT	MOLE %	WT%	GPM
HYDROGEN SULFIDE.....	0.0000	0.0000	0.0000
CARBON DIOXIDE.....	1.8121	3.3741	0.3099
NITROGEN.....	0.6807	0.8068	0.0750
METHANE.....	68.9518	46.7999	11.7126
ETHANE.....	14.6008	18.5747	3.9125
PROPANE.....	8.9950	16.7812	2.4830
ISOBUTANE.....	0.8613	2.1181	0.2824
N-BUTANE.....	2.4484	6.0209	0.7734
ISOPENTANE.....	0.4189	1.2787	0.1535
N-PENTANE.....	0.5167	1.5773	0.1877
CYCLOPENTANE.....	0.0439	0.1302	0.0130
N-HEXANE.....	0.1198	0.4369	0.0494
CYCLOHEXANE.....	0.0325	0.1156	0.0111
OTHER HEXANES.....	0.2021	0.7368	0.0833
HEPTANES.....	0.0971	0.4117	0.0449
METHYLCYCLOHEXANE.....	0.0334	0.1387	0.0134
2,2,4 TRIMETHYLPENTANE.....	0.0000	0.0001	0.0000
BENZENE.....	0.0178	0.0587	0.0050
TOLUENE.....	0.0157	0.0611	0.0053
ETHYLBENZENE.....	0.0019	0.0085	0.0007
XYLENES.....	0.0067	0.0302	0.0026
OCTANES.....	0.0445	0.2149	0.0228
NONANES.....	0.0075	0.0408	0.0042
DECANES.....	0.0344	0.2068	0.0211
SUBTOTAL	99.9429	99.9227	20.1670
OXYGEN/ARGON	0.0571	0.0773	0.0051
TOTAL	100.00	100.00	20.17

BTU @

MOLECULAR WEIGHT.....	23.6359	NET DRY REAL	1237.6729 /scf
RELATIVE DENSITY (AIR=1).....	0.8161		
COMPRESSIBILITY FACTOR.....	0.9955	GROSS DRY REAL	1365.9689 /scf
		GROSS WET REAL	1342.6964 /scf