

EXTENDED GAS ANALYSIS

SAMPLE DATA

PROJECT NO..... LBON4041
COMPANY NAME..... Bonanza Creek Energy Inc
SITE..... State Seventy Holes 24-5
UNIT ID..... State Seventy Holes 24-5
SAMPLED BY..... TJ

SAMPLE ID..... BONGV-119
ANALYSIS DATE..... 11/5/2014
SAMPLE DATE..... 11/4/2014
CYLINDER NO..... GV-119
LAB ANALYST..... CB

FIELD DATA

SAMPLE PRESSURE..... 68 psi
AMBIENT PRESSURE..... 12.5 psi

SAMPLE TEMP..... 123 degrees F
AMBIENT TEMP..... 60 degrees F

COMMENTS: _____

LABORATORY DATA

COMPONENT	MOLE %	WT%	GPM
HYDROGEN SULFIDE.....	0.0000	0.0000	0.0000
CARBON DIOXIDE.....	2.5646	4.5588	0.4387
NITROGEN.....	0.6697	0.7578	0.0739
METHANE.....	67.3460	43.6391	11.4443
ETHANE.....	13.3292	16.1889	3.5732
PROPANE.....	8.9438	15.9297	2.4699
ISOBUTANE.....	1.0183	2.3907	0.3340
N-BUTANE.....	3.4970	8.2098	1.1051
ISOPENTANE.....	0.6922	2.0172	0.2537
N-PENTANE.....	0.9468	2.7593	0.3440
CYCLOPENTANE.....	0.0843	0.2387	0.0250
N-HEXANE.....	0.1967	0.6846	0.0811
CYCLOHEXANE.....	0.1037	0.3524	0.0353
OTHER HEXANES.....	0.2721	0.9470	0.1121
HEPTANES.....	0.0798	0.3232	0.0369
METHYLCYCLOHEXANE.....	0.0729	0.2892	0.0294
2,2,4 TRIMETHYLPENTANE.....	0.0260	0.1198	0.0131
BENZENE.....	0.0347	0.1095	0.0097
TOLUENE.....	0.0396	0.1474	0.0133
ETHYLBENZENE.....	0.0113	0.0483	0.0044
XYLENES.....	0.0209	0.0894	0.0081
C8+ HEAVIES.....	0.0403	0.1859	0.0207
SUBTOTAL	99.9897	99.9866	20.4259
OXYGEN/ARGON	0.0103	0.0134	0.0009
TOTAL	100	100	20.4268

BTU @

MOLECULAR WEIGHT.....	24.7576	NET DRY REAL	1276.5766 /scf
RELATIVE DENSITY (AIR=1).....	0.8548		
COMPRESSIBILITY FACTOR.....	0.9951	GROSS DRY REAL	1408.0834 /scf
		GROSS WET REAL	1384.1069 /scf