

Fac 10 705495

EMPACT ANALYTICAL SYSTEMS, INC

365 S MAIN STREET
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(303) 637-0150

NATURAL GAS WITH AIR ADJUSTED

PROJECT NO	200805110	ANALYSIS NO	01
COMPANY NAME	COLORADO OIL & GAS	ANALYSIS DATE	MAY 29, 2008
CUSTOMER ID #		SAMPLE DATE	MAY 23, 2008
PRODUCER		CANISTER #	1L GLASS
LOCATION			
NAME/DESCRIP	MARKHAM WW @ 10 00		
DEPTH (FT)			
FIELD DATA			
SAMPLED BY	J AXELSON		
SAMPLE PRES		SAMPLE TEMP	
INJECTED VOLUME	92 4%		
COMMENTS	SPOT		
**SAMPLE CONTAINED AIR, AND, NORMALIZE MOLE PERCENTS WERE ADJUSTED			

COMPONENTS	NORM MOLE%	AIR ADJUSTED MOLE%
HELIUM	0 01	0.06
HYDROGEN	0 02	0.12
OXYGEN/ARGON	18 37	0.00
NITROGEN	74 72	57.14
CO2	0 21	1.12
METHANE	6 61	41.19
ETHANE	0 06	0.37
PROPANE	0 00	0.00
ISOBUTANE	0 00	0.00
N-BUTANE	0 00	0.00
ISOPENTANE	0 00	0.00
N-PENTANE	0 00	0.00
HEXANES+	0 00	0.00
TOTAL	100 00	100.00

BTU @ 60 DEG F		
GROSS DRY BTU	68 1	424 3
GROSS WET BTU	66 9	416.9
Z FACTOR	0 9996	0 9991
RELATIVE DENSITY (AIR=1 @14 696 PSIA	0 9661	0.8023

NOTE REFERENCE GPA 2261, 2145, & 2172 CURRENT PUBLICATIONS