

GAS TESTING AND MEASUREMENT  
PETROLEUM LABORATORY  
PHYSICAL TEST  
GAS SURVEY

GAS PRODUCTION SURVEYS  
BACK PRESSURE TESTS  
ELECTRONIC VOLUMES  
CHART INTEGRATION

**THURMOND-McGLOTHLIN, LLC.**  
THE NATURAL GAS MEASUREMENT COMPANY  
1700 CUTLER RD  
Cheyenne, WY 82001  
307-632-2298 OFFICE

FRACTION ANALYSIS:

COMPONENTS	MOL %	GPM
		14.73
CARBON DIOXIDE	CO2 1.7494	
NITROGEN	N2 0.5375	
METHANE	C1 69.9698	
ETHANE	C2 15.0684	4.0468
PROPANE	C3 7.8262	2.1652
iso-BUTANE	IC4 0.8619	0.2832
n-BUTANE	NC4 2.2655	0.7172
iso-PENTANE	IC5 0.4507	0.1655
n-PENTANE	NC5 0.4973	0.1810
HEXANE +	NC6+ 0.7733	0.3389
neo-PENTANE	neo-C5 0.0000	0.0000
HYDROGEN SULFIDE: H2S		
TOTAL	100.0000	

DATE RUN: 09/28/2017

COMPANY: WARD PETROLEUM  
LEASE: RICHEY 26-1-19HC  
STATION: N/A  
PILOT:  
PRESSURE: 256.10 PSIG  
TEMPERATURE: 99.20 F  
CYLINDER: 840  
ANALYSIS BY: SHANE ROGERS  
SECURED BY: WESTON ROGERS  
DATE SAMPLED: 9/27/17  
RUN NUMBER: WY6890N 3888  
SAMPLE TYPE: S

GASOLINE CONTENT @ 60F

REMARKS: H2S 1.0 PPM

ETHANE & HEAVIER	7.8978
PROPANE & HEAVIER	3.8510
BUTANE & HEAVIER	1.6858
PENTANE & HEAVIER	0.6854

H2S: PPM  
H2O: lb/mmcft  
RESULTS TO: WARD PETROLEUM

GROSS HEATING VALUE  
BTU @ 60F REAL

14.73

DRY	1359.0093
WET	1335.9924

SPECIFIC GRAVITY Z = 0.9956

REAL 0.8095

\*Based on GPA 2145 & 2172

*Natural Gas is one of our Most Valuable and Profitable Properties. Careful  
Conservation and Expert Handling will Pay Abundant Dividends.*