

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	1.7676	
NITROGEN	N2	0.3932	
METHANE	C1	65.3689	
ETHANE	C2	17.0331	4.5772
PROPANE	C3	9.4110	2.6052
iso-BUTANE	IC4	1.0584	0.3480
n-BUTANE	NC4	2.7965	0.8859
iso-PENTANE	IC5	0.5609	0.2061
n-PENTANE	NC5	0.6051	0.2204
HEXANE +	NC6+	1.0053	0.4408
neo-PENTANE	neo-C5	0.0000	0.0000
HYDROGEN SULFIDE: H2S			
TOTAL		100.0000	

DATE RUN: 09/28/2017

COMPANY: WARD PETROLEUM
LEASE: RICHIE 26-1-22HC
STATION: N/A
PILOT:
PRESSURE: 208.00 PSIG
TEMPERATURE: 80.30 F
CYLINDER: 39
ANALYSIS BY: SHANE ROGERS
SECURED BY: WESTON ROGERS
DATE SAMPLED: 9/27/17
RUN NUMBER: WY6890N 3886
SAMPLE TYPE: S

GASOLINE CONTENT @ 60F

REMARKS: H2S 1.5 PPM

ETHANE & HEAVIER	9.2836
PROPANE & HEAVIER	4.7064
BUTANE & HEAVIER	2.1012
PENTANE & HEAVIER	0.8673

H2S: 0.00 PPM
H2O: lb/mmcft
RESULTS TO: WARD PETROLEUM

GROSS HEATING VALUE
BTU @ 60F REAL

14.73

DRY	1432.8669
WET	1408.6537

SPECIFIC GRAVITY Z = 0.9950

REAL 0.8556

*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.*