

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	1.8385	
NITROGEN	N2	0.5081	
METHANE	C1	67.3674	
ETHANE	C2	14.9927	4.0283
PROPANE	C3	8.9716	2.4832
iso-BUTANE	IC4	1.0816	0.3556
n-BUTANE	NC4	3.0040	0.9515
iso-PENTANE	IC5	0.5843	0.2147
n-PENTANE	NC5	0.7138	0.2599
HEXANE +	NC6+	0.9380	0.4112
neo-PENTANE	neo-C5	0.0000	0.0000
HYDROGEN SULFIDE: H2S			
TOTAL		100.0000	

DATE RUN: 09/28/2017

COMPANY: WARD PETROLEUM
LEASE: RICHEY 26-1-20HN
STATION: N/A
PILOT:
PRESSURE: 146.20 PSIG
TEMPERATURE: 103.80 F
CYLINDER: 613
ANALYSIS BY: SHANE ROGERS
SECURED BY: WESTON ROGERS
DATE SAMPLED: 9/27/17
RUN NUMBER: WY6890N 3889
SAMPLE TYPE: S

GASOLINE CONTENT @ 60F

REMARKS: H2S 1.0 PPM

ETHANE & HEAVIER	8.7044
PROPANE & HEAVIER	4.6761
BUTANE & HEAVIER	2.1929
PENTANE & HEAVIER	0.8858

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

GROSS HEATING VALUE

BTU @ 60F REAL 14.73

DRY 1414.9231
WET 1391.0022

SPECIFIC GRAVITY Z = 0.9951

REAL 0.8466

*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.*