

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 1.7922	
NITROGEN	N2 0.5923	
METHANE	C1 73.3209	
ETHANE	C2 13.6702	3.6698
PROPANE	C3 6.7048	1.8542
iso-BUTANE	IC4 0.7221	0.2372
n-BUTANE	NC4 1.9099	0.6044
iso-PENTANE	IC5 0.3565	0.1309
n-PENTANE	NC5 0.4232	0.1540
HEXANE +	NC6+ 0.5079	0.2225
neo-PENTANE	neo-C5 0.0000	0.0000
HYDROGEN SULFIDE: H2S		
TOTAL	100.0000	

DATE RUN: 09/28/2017

COMPANY: WARD PETROLEUM
LEASE: RICHIE 26-1-21HN
STATION: N/A
PILOT:
PRESSURE: 334.00 PSIG
TEMPERATURE: 107.70 F
CYLINDER: 824
ANALYSIS BY: SHANE ROGERS
SECURED BY: WESTON ROGERS
DATE SAMPLED: 9/27/17
RUN NUMBER: WY6890N 3887
SAMPLE TYPE: S

GASOLINE CONTENT @ 60F

ETHANE & HEAVIER	6.8730
PROPANE & HEAVIER	3.2032
BUTANE & HEAVIER	1.3490
PENTANE & HEAVIER	0.5074

REMARKS: H2S 2.0 PPM

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

GROSS HEATING VALUE

BTU @ 60F REAL 14.73

DRY 1302.4686
WET 1280.3647

SPECIFIC GRAVITY Z = 0.9960

REAL 0.7745

*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.*