

NATURAL GAS ANALYSIS REPORT
GPA 2145-09

Sampled by:
Eagle Testers
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Analyzed by:
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Lab Number:	20162307	Analyzed:	10/04/16
Sample From:	PENN CHERT	Pressure:	
Producer:	SHELBY RESOURCES	Temperature:	
Date:	10/04/16	Location:	18-22-16
Time:		County:	
Sampler:		State:	
Source:		Formation:	PENN CHERT

	Mole %	GPM
Helium	He: 1.656	0.000
Hydrogen	H2: 0.000	0.000
Oxygen	O2: 0.000	0.000
Nitrogen	N2: 11.587	0.000
Carbon Dioxide	CO2: 0.133	0.000
Methane	C1: 80.189	0.000
Ethane	C2: 3.641	1.365
Propane	C3: 1.491	0.559
Iso Butane	iC4: 0.247	0.076
Normal Butane	nC4: 0.488	0.155
Iso Pentane	iC5: 0.126	0.035
Normal Pentane	nC5: 0.163	0.045
Hexanes Plus	C6+: 0.279	0.064

TOTAL: 100.000 2.299
Z Fact: 0.9999
SP.GR.: 0.6523
BTU (SAT): 964.0 @ 14.73 psia
BTU (DRY): 981.1 @ 14.73 psia
OCTANE RATING: 110.4

COMMENTS:

0.000