

(620) 428-6069 Fax
 (620) 428-6053 Office
 GASPEAK.COM

PO Box 253
 Hugoton, Kansas 67951
 Email: jhgfs@aapl.com

Sample ID: 37244
 Station #: 222932A
 Name: STOOPS-WEBBER #2 (DST#1)
 Code: TRILOBITE

Sampled Date: 03/14/2003
 Effective Date: 03/14/2003
 Analysis File: 222932A.BDF

Components	Mole %	Btu	Gravity	GPM	Gasoline Content	
Hellum:	0.263	0.000	0.000	0.000	Propane GPM:	1.319
Hydrogen:	0.025	0.081	0.000	0.000	Butane GPM:	0.541
Oxygen:	0.000	0.000	0.000	0.000	Gasoline GPM:	0.391
Nitrogen:	19.259	0.000	0.188	0.000	26# Gasoline GPM:	0.637
Methane:	66.687	676.434	0.369	0.000		
Carbon Dioxide:	0.000	0.000	0.000	0.000		
Hydrogen Sulfide:	0.000	0.000	0.000	0.000		
Ethane:	6.299	111.984	0.065	1.685		
Propane:	4.787	121.003	0.073	1.319		
i-Butane:	0.480	15.681	0.010	0.157		
n-Butane:	1.218	39.918	0.024	0.384		
i-Pentane:	0.246	9.888	0.006	0.090		
n-Pentane:	0.273	10.995	0.007	0.099		
Hexanes+C6:	0.463	23.804	0.015	0.202		
Ideal Total:	100.000	1009.788	0.758	3.936		
Unnormalized Total:	99.951					

Gross BTU/Real Cu. Ft. (@ 60 deg F, 14.730 PSIA)

Dry: 1012.4

Sat: 996.0

(1.000 lbs. water/MMCF)

Gas Compressibility: 0.9974

Real Gravity Calculated: 0.755

H2S PPM: 0

Comments: STRATA EXPLORATION

Analyst: Joseph H. Graves



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Sample ID:
 Station #:
 Name:
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Sampled Date:
 Effective Date:
 Analysis File:

Components	Mole %	Btu	Gravity	GPM	Gasoline Content
Helium:	0.279	0.000	0.000	0.000	Propane GPM: <input type="text" value="0.722"/>
Hydrogen:	0.025	0.081	0.000	0.000	Butane GPM: <input type="text" value="0.368"/>
Oxygen:	0.000	0.000	0.000	0.000	Gasoline GPM: <input type="text" value="0.308"/>
Nitrogen:	12.095	0.000	0.117	0.000	26# Gasoline GPM: <input type="text" value="0.501"/>
Methane:	77.381	784.907	0.429	0.000	
Carbon Dioxide:	0.093	0.000	0.001	0.000	
Hydrogen Sulfide:	0.000	0.000	0.000	0.000	
Ethane:	5.583	99.216	0.058	1.493	
Propane:	2.619	66.201	0.040	0.722	
i-Butane:	0.370	12.088	0.007	0.121	
n-Butane:	0.777	25.465	0.016	0.245	
i-Pentane:	0.186	7.476	0.005	0.068	
n-Pentane:	0.238	9.585	0.006	0.086	
Hexanes+C6:	0.354	18.199	0.011	0.154	
Ideal Total:	100.000	1023.218	0.690	2.889	
Unnormalized Total:	99.789				

Gross BTU/Real Cu. Ft. (@ 60 deg F, 14.730 PSIA)

Dry:

Sat:

(1.000 lbs. water/MMCF)

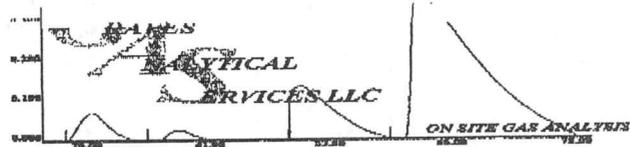
Gas Compressibility:

Real Gravity Calculated:

H2S PPM:

Comments: SAMPLE CYLINDER

Analyst: Ed Jacques



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Sample ID: 37243
 Station #: 222932
 Name: STOOPS-WEBBER (DST#2)
 Code: TRILOBITE

Sampled Date: 03/14/2003
 Effective Date: 03/14/2003
 Analysis File: 222932.BDF

Components	Mole %	Btu	Gravity	GPM	Gasoline Content	
Helium:	0.225	0.000	0.000	0.000	Propane GPM:	1.457
Hydrogen:	0.021	0.066	0.000	0.000	Butane GPM:	0.646
Oxygen:	0.000	0.000	0.000	0.000	Gasoline GPM:	0.380
Nitrogen:	15.868	0.000	0.152	0.000	26# Gasoline GPM:	0.581
Methane:	68.849	698.364	0.381	0.000		
Carbon Dioxide:	0.019	0.000	0.000	0.000		
Hydrogen Sulfide:	0.000	0.000	0.000	0.000		
Ethane:	6.933	123.255	0.072	1.854		
Propane:	5.287	133.641	0.080	1.457		
i-Butane:	0.657	21.464	0.013	0.215		
n-Butane:	1.366	44.769	0.027	0.431		
i-Pentane:	0.291	11.697	0.007	0.106		
n-Pentane:	0.321	12.928	0.008	0.116		
Hexanes+C6:	0.363	18.662	0.012	0.158		
Ideal Total:	100.000	1064.848	0.754	4.337		
Unnormalized Total:	101.303					

Gross BTU/Real Cu. Ft. (@ 60 deg F, 14.730 PSIA)

Dry: 1067.8

Sat: 1050.5

(1.000 lbs. water/MMCF)

Gas Compressibility: 0.9972

Real Gravity Calculated: 0.752

H2S PPM: 0

Comments: STRATA EXPLORATION

Analyst: Joseph H. Graves