

LUMAN'S LABORATORIES

P.O. Box 326

505 Maple

Chetopa, Kansas 67336 • Telephone 316-236-7874

ANALYTICAL
AND
PHYSICAL
TESTING

August 31, 1982

Kansas Geological Survey
1930 Ave "A" Campus West
Lawrence, KS 66044

Attn: Lawrence L. Brady

Please find listed below analysis on the following coal sample.

Lab ID. AU31-6 Sample ID. Kansas Geological Survey Sample No.
PM-2-D-82 Section 29 TWN 325 S. Range 22E.

	As Received	Moisture Free
Moisture	3.43%	
Ash	18.79%	19.45%
Volatile Matter	32.59%	33.75%
Fixed Carbon	45.19%	46.80%
Sulfur	4.01%	4.16%
BTU/lb	11,218	11,616

Respectfully,



Carrol Luman

CGL:pjp

LUMAN'S LABORATORIES

P.O. Box 326 505 Maple
Chetopa, Kansas 67336 • Telephone 316-236-7874

ANALYTICAL
AND
PHYSICAL
TESTING

August 31, 1982

Kansas Geological Survey
1930 Ave "A", Campus West
Lawrence, KS 66044

Attn: Lawrence L. Brady

Please find listed below analysis on the following coal sample.

Lab ID. AU31-3 Sample ID. Kansas Geological Survey Sample No.
PM-1-A-82 Section 29 TWN 325 S. Range 22 E.

	As Received	Moisture Free
Moisture	4.45%	
Ash	13.28%	13.90%
Volatile Matter	33.20%	34.74%
Fixed Carbon	49.07%	51.36%
Sulfur	4.92%	5.15%
BTU/lb	11,389	11,920

Respectfully,



Carrol Luman

CGL:pjp

"A" P+M # 4 SWNWSW 29-325-22E

1.4' "A" - 339.6' - 340.0' PM-1-A-82

P+M # 9 - NWNENE 18-325-23E

1.4' "A" - 306.7' - 308.1' PM-2-A-82

"D" P+M # 10 - NWNWSW 22-315-22E

1.3' "D" - 343.6' - 344.9' PM-1-D-82

P+M # 4 - SWNWSW 29-325-22E

1.7' "D" - 386.7' - 388.5' PM-2-D-82

Riverton

P+M # 7 - SWSWSE 6-325-22E

1.2' Riverton 421.2' - 422.4'

PM-1-R-82

P+M # 18 - SWSWSW 28-325-22E

2.3' Riverton 392.2' - 394.5'

PM-2-R-82

Coal Samples
Krebs