



Amoco Production Company

Denver Region
Amoco Building
1670 Broadway
Denver, Colorado 80202
303-830-4040

March 23, 1983

**See Pan Am Black A-7, 18-30N-33W,
Haskell Co., for full report**

Mr. K. David Newell
KANSAS GEOLOGICAL SURVEY
1930 Avenue A, Campus West
University of Kansas
Lawrence, Kansas 66044

Dear David,

Enclosed are the calcareous microfossil data from Paul Brenckle's work. You received a rough copy of his data in my February letter. This enclosure represents a final copy.

Sincerely,

Chuck Sawyer

CS:dh

Enclosure

AMOCO PRODUCTION COMPANY
Tulsa, Oklahoma
February 22, 1983

83053ART0078

FILE: Technical Service 825370PS

TO: O. R. Hille, Denver Region

ATTN: C. W. Sawyer

SUBJECT: Calcareous Microfossil Identifications from Mississippian Core,
Hugoton Embayment, Southwestern Kansas.

Attached is a list of Mississippian calcareous microfossils identified by P. L. Brenckle from nine wells in the Hugoton area. The Kansas Geological Survey supplied all the core for this study with the provision that Amoco provide microfossil identifications for any material used. The enclosed list contains identifications only of literature taxa and no confidential Amoco paleo data are included. Transmission of the identifications to the Kansas Survey would be appropriate.

ERIC R. MICHAELIS

By Charles F. Upshaw
Charles F. Upshaw

PLB:sdg
Attachment

cc: J. A. Babcock
L. C. Babcock
W. S. Davis, Denver Region
H. R. Lane
A. R. Ormiston
J. W. Parks, Denver Region
R. W. Sherwood, Denver Region

January 31, 1983

Palynological analysis has been completed on the following seven cores from the Kansas Geological Survey collection. The sample interval and raw data listings per sample are provided as previously requested. As analyses on the other cores are completed, similar data will be provided to the Kansas Geological Survey.


Carol Ann Dawson

CAD/df

K. C. Sawyer

Anadarko
#2 Davidson C
9-33S-40W
Morton Co., KS

Sample Depth

Interpretation

5796' }
5797' }
5812' }
5834')

All samples barren of palynomorphs.

RECEIVED 20th Oct 1982
TO BE RELEASED TO PUBLIC FILES
20th October, 1984

October 13, 1982

K. C. Sawyer
R. W. Sherwood
Norcal Building

The purpose of this memorandum is to report the results on the palynology samples collected from the following cores. Tom Hemler will report separately on the thermal maturation values for the same samples.

M. L. BROWN
#9 A. Maune
31-21S-33W
Finney Co., Kansas

Depth (uncorrected)

4647'
4653'
4655' All four samples barren of palynomorphs.
4657'

Some amorphous kerogen is present in the samples at 4647', 4653' and 4657'; however, these samples fall within the range of early generation for hydrocarbons.

CITIES SERVICE
#1 Kell "B"
5-28S-34W
Haskell Co., Kansas

Depth (uncorrected)

5620'
5624' Samples very poor - barren of palynomorphs.

ANADARKO
#2 Davidson C
9-33S-40W
Morton Co., Kansas

Depth (uncorrected)

5796'
5797'
5812' All samples barren of palynomorphs.
5834'

Some amorphous kerogen is present in the sample at 5812', and falls within

Page Two
October 13, 1982
K. C. Sawyer
R. W. Sherwood

the range of peak generation for hydrocarbons. The kerogen type is mixed at 5834'.

CITIES SERVICE
#2 Thompson "E"
31-30S-33W
Haskell Co., Kansas

Depth (uncorrected)

4103'
4107'
4129'
4134' All samples barren of palynomorphs.
4136'
4139'
4532'
4535'

Amorphous kerogen is present in the following samples: 4107', 4532' and 4535', falling within the range of peak generation for hydrocarbons.

Carol Dawson
Carol Dawson

CD/df

J. W. Parks
R. W. Pierce
J. E. Gamble