

June 16, 1983

Attached is a list of the palynomorphs identified from fourteen wells in the Hugoton Embayment area. The enclosed list contains literature identifications of the taxa found in each sample, as requested by the Kansas Geological Survey.

*Carol Dawson*

Carol Dawson

CD/df

K. C. Sawyer

CLEARY  
 #2 RUPP  
 5-21S-38W  
KEARNEY COUNTY, KANSAS

<u>SAMPLE DEPTH</u>	<u>SPECIES PRESENT</u>
4960'	<u>Lycospora pellucida</u> (W.) S.W.B. 1944 <u>Florinites visendus</u> (I.) S.W.B. 1944
4961'	<u>Enclosporites globiformis</u> (I.) S.W.B. 1944 <u>Florinites</u> sp. S.W.B. 1944 "Reticulatasporites facetus" Ibrahim 1933 <u>Crassispora kosankei</u> (P. & K.) B. 1957 <u>Lycospora pellucida</u> (W.) S.W.B. 1944 <u>Wilsonites</u> sp. Kosanke 1959
4983-86'	<u>Lycospora pellucida</u> (W.) S.W.B. 1944 <u>Florinites</u> sp. S.W.B. 1944 <u>Endosporites globiformis</u> (I.) S.W.B. 1944 <u>Laevigatosporites minor</u> L. 1934 <u>Florinites visendus</u> (I.) S.W.B. 1944
4990'	<u>Lycospora pellucida</u> (W.) S.W.B. 1944 <u>Acanthotriletes echinatoides</u> A. 1957 <u>Laevigatosporites minor</u> L. 1934 "Reticulatasporites facetus" Ibrahim 1933 <u>Dictyotriletes bireticulatus</u> (I.) S. & B. 1967 <u>Endosporites globiformis</u> (I.) S.W.B. 1944 <u>Raistrickia</u> sp. (S.W.B.) P. & K. 1954 <u>Crassispora kosankei</u> (P. & K.) B. 1957 <u>Cirratriradites saturni</u> (I.) S.W.B. 1944 <u>Florinites</u> sp. S.W.B. 1944 <u>Densosporites anulatus</u> (L.) S. & B. 1967
5004'	<u>Calamospora pallida</u> (Loose) S.W.B. 1944 <u>Lycospora pellucida</u> (W.) S.W.B. 1944 <u>Laevigatosporites minor</u> L. 1934 <u>Florinites</u> sp. S.W.B. 1944 <u>Florinites visendus</u> (I.) S.W.B. 1944 <u>Calamospora</u> sp. S.W.B. 1944

- Cirratriradites saturni (I.) S.W.B. 1944  
Endosporites globiformis (I.) S.W.B. 1944  
Secarisporites remotus N. 1961  
Acanthotriletes echinatoides A. 1957  
Crassispora kosankei (P. & K.) B. 1957  
5012' Leiotriletes sp. (N.) P. & K. 1954  
Densosporites anulatus (L.) S. & B. 1967  
Laevigatosporites minor L. 1934  
Raistrickia sp. (S.W.B.) P. & K. 1954  
5020' Laevigatosporites minor L. 1934  
Lycospora pellucida (W.) S.W.B. 1944  
Endosporites globiformis (I.) S.W.B. 1944  
Densosporites sphaerotriangularis K. 1950  
Raistrickia sp. (S.W.B.) P. & K. 1954  
Cirratriradites saturni (I.) S.W.B. 1944  
Knoxisporites triradiatus Hoffmeister, Staplin, Malloy 1955  
Kraeuselisporites sp. Owens, Mishell, Marshall 1976  
Granulatisporites sp. (I.) P. & K. 1954  
Calamospora sp. S.W.B. 1944  
Cristatisporites indignabundus (L.) S. & J. 1964  
Ahrensispurites sp. P. & K. 1954  
Dictyotriletes bireticulatus (I.) S. & B. 1967  
Florinites sp. S.W.B. 1944  
Potoniesporites sp. B. 1954  
Endosporites zonalis (L.) Knox 1950  
Costatascyclus crenatus Felix & Burbridge 1967  
Florinites visendus (I.) S.W.B. 1944  
Densosporites anulatus (L.) S. & B. 1967  
Reticulatisporites carnosus (Knox) Neves 1964

CITIES SERVICE  
GORE D-3  
10-35S-41W  
MORTON COUNTY, KANSAS

CITIES SERVICE  
GORE D-3

<u>SAMPLE DEPTH</u>	<u>SPECIES PRESENT</u>
5675'	<u>Densosporites intermedius</u> B. & W. 1958 <u>Cingulizonates bialatus</u> (W.) S. & B. 1967 <u>Lycospora pellucida</u> (W.) S.W.B. 1944 <u>Crassispora kosankei</u> (P. & K.) B. 1957 <u>Potoniesporites novicus</u> B. 1954 <u>Florinites</u> sp. S.W.B. 1944
5676'	<u>Lycospora pellucida</u> (W.) S.W.B. 1944 <u>Densosporites anulatus</u> (L.) S. & B. 1967 <u>Cirratriradites ornatus</u> Neves 1961 <u>Potoniesporites novicus</u> B. 1954 <u>Calamospora</u> sp. S.W.B. 1944
5682'	<u>Crassispora kosankei</u> (P. & K.) B. 1957 <u>Densosporites anulatus</u> (L.) S. & B. 1967 <u>Potoniesporites novicus</u> B. 1954 <u>Cristatisporites indignabundus</u> (L.) S. & J. 1964 <u>Calamospora</u> sp. S.W.B. 1944 <u>Lycospora pellucida</u> (W.) S.W.B. 1944 <u>Cingulizonates bialatus</u> (W.) S. & B. 1967 <u>Cirratriradites saturni</u> (I.) S.W.B. 1944 <u>Florinites</u> sp. S.W.B. 1944
5687'	<u>Densosporites intermedius</u> B. & W. 1958 <u>Lycospora pellucida</u> (W.) S.W.B. 1944 <u>Cirratriradites saturni</u> (I.) S.W.B. 1944 <u>Densosporites anulatus</u> (L.) S. & B. 1967 <u>Florinites visendus</u> (I.) S.W.B. 1944 <u>Crassispora kosankei</u> (P. & K.) B. 1957 <u>Densosporites spinosus</u> D. & J. 1957 <u>Cingulizonates bialatus</u> (W.) S. & B. 1967
5693'	<u>Lycospora pellucida</u> (W.) S.W.B. 1944 <u>Potoniesporites novicus</u> B. 1954

- Lycospora rotunda B. 1957  
Remysporites eccentricus Mishell  
Florinites sp. S.W.B. 1944  
Densosporites anulatus (L.) S. & B. 1967  
Potoniesporites sp. B. 1954  
Crassispora kosankei (P. & K.) B. 1957  
5700' Calamospora sp. S.W.B. 1944  
Lycospora pellucida (W.) S.W.B. 1944  
Potoniesporites novicus B. 1954  
Savitrisporites nux (B. & W.) S. & B. 1967  
Raistrickia sp. (S.W.B.) P. & K. 1954  
5714' Cirratriradites ornatus N. 1961  
Densosporites anulatus (L.) S. & B. 1967  
Cirratriradites saturni (I.) S.W.B. 1944  
Cingulizonates bialatus (W.) S. & B. 1967  
Densosporites intermedius B. & W. 1958  
Dictyotriletes bireticulatus (I.) S. & B. 1967  
Lycospora pellucida (W.) S.W.B. 1944  
Calamospora sp. S.W.B. 1944  
Crassispora kosankei (P. & K.) B. 1957  
5720' Lycospora pellucida (W.) S.W.B. 1944  
Crassispora kosankei (P. & K.) B. 1957  
Densosporites intermedius B. & W. 1958  
Cirratriradites ornatus N. 1961  
Cirratriradites saturni (I.) S.W.B. 1944  
Potoniesporites novicus B. 1954  
Densosporites anulatus (L.) S. & B. 1967  
Dictyotriletes falsus P. & K. 1955  
Florinites visendus (I.) S.W.B. 1944  
Wilsonites sp. Kosanke 1959  
Florinites sp. S.W.B. 1944

AMOCO PRODUCTION COMPANY  
Tulsa, Oklahoma  
April 28, 1983

83118ART0180

FILE: Tech. Service 825370, Locality No. 03945

SUBJECT: Conodonts from the Cleary No. 2 Rupp, NE SW, Sec. 5, T21S, R38W,  
Kearny County, Kansas

INTRODUCTION

The following samples were processed for conodonts.

<u>Footage</u>	<u>Spl.</u> <u>No.</u>	<u>Taxon</u> <u>No.</u>	<u>Identification</u>	<u>No.</u> <u>Spec.</u>
4967-69	1	24957	<u>Idiognathoides ouachitensis</u>	2
		03074	<u>Idiognathoides sinuatus</u>	5
		02618	Indet conodonts	12
4956-58	2	20598	<u>Idiognathodus incurvus</u>	31
		02618	Indet conodonts	14
4962-62.5	3	01028	<u>Fusulinella-Atokan</u>	1
4967	4	24957	<u>Idiognathoides ouachitensis</u>	6
		03074	<u>Idiognathoides sinuatus</u>	13
		02618	Indet conodonts	29
4965	5	24957	<u>Idiognathoides ouachitensis</u>	1
		03075	<u>Idiognathoides corrugatus</u>	3
		01431	<u>Neognathodus colombiensis</u>	3
		20586	<u>Idiognathodus delicatus</u>	13
		02739	<u>Spathognathodus minutus</u>	1
		02618	Indet conodonts	19
4963	6	03074	<u>Idiognathoides sinuatus</u>	5
		20586	<u>Idiognathodus delicatus</u>	5
		24957	<u>Idiognathoides ouachitensis</u>	1
		21064	<u>Neognathodus n. sp.</u>	1
		01431	<u>Neognathodus colombiensis</u>	2

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other wholly owned subsidiaries of Standard Oil Company (Indiana).

16. Cleary

C NE SW 5-21S-38W

#2 Rupp

Morrow 4950-5025

Core Available In: 8 Six-Foot Boxes

Condition: Slabbed Core,

Coverage: Incomplete

Sampled for Thin Sections at

Available Footage (By Box):

Approx. 5 Locations Per Box,

4950-55

Thin Section Chips Available

4955-64 Incomplete

in Core Box

4965-73 Incomplete

4973-89 Incomplete

4989-98 Incomplete

4998-5008 Incomplete

5008-16 Incomplete

5016-25 Incomplete