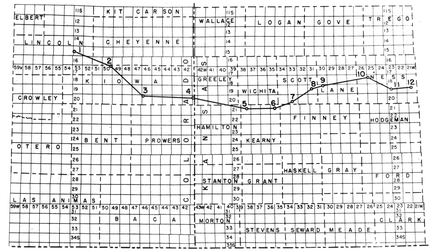
University of Kansas
State Geological Survey of Kansas

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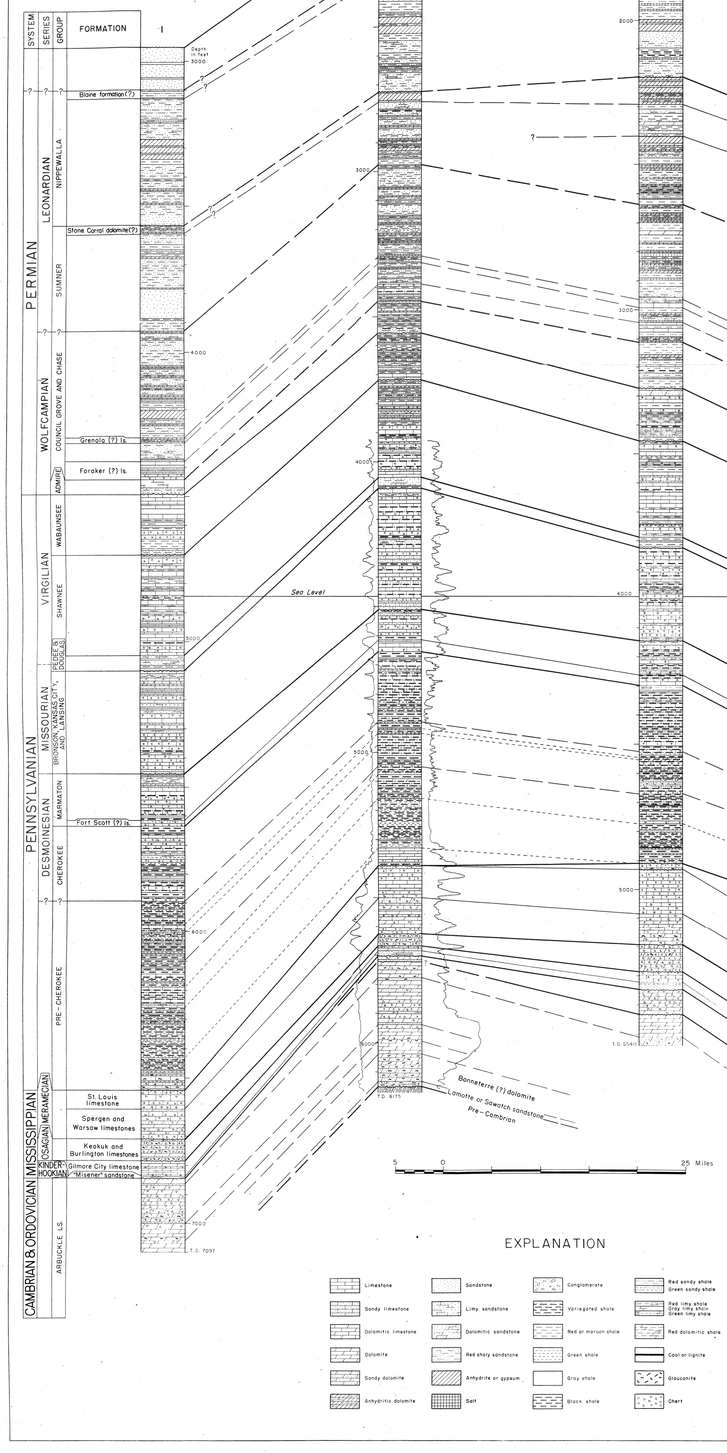
Oil and Gas Investigations
Preliminary Cross Section No. 2

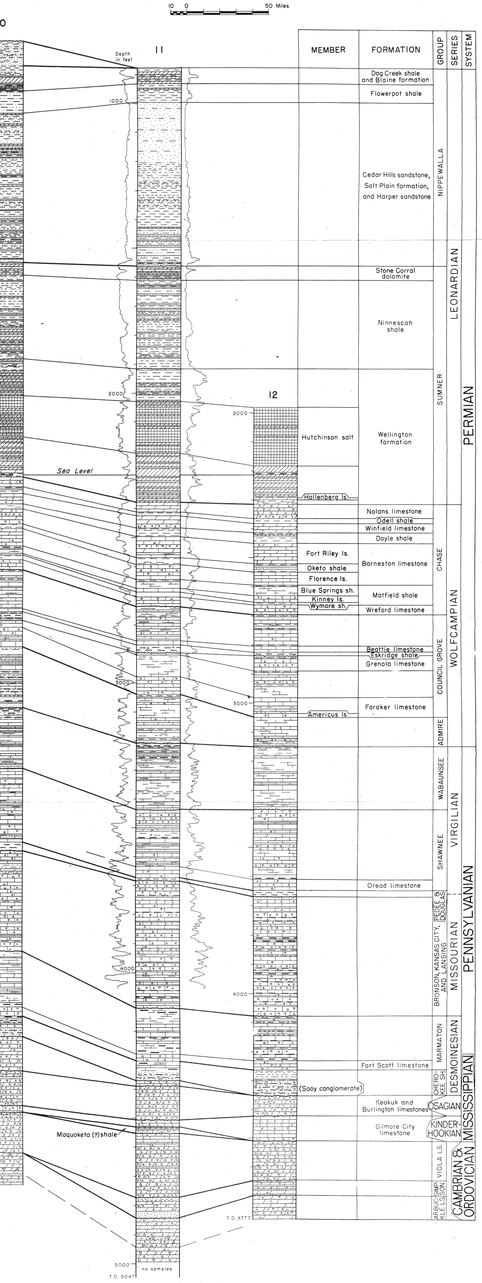
INDEX MAP SHOWING LINE OF CROSS SECTION



LIST OF WELLS

	Company	Farm name	Well no.	Location	Elevation in feet above sea level
1	Gulf Oil Corp.	U. P.-Smith	1	Cen. SW¼ SE¼	sec. 19, T. 15 S., R. 53 W., Colo.	4,844
2	Gulf Oil Corp.	U. P.-Risser	1	NE¼ SW¼ SW¼ NE¼	sec. 1, T. 17 S., R. 50 W., Colo.	4,467
3	Morgan, Flynn & Cobb	Hoesterey	1	Cen. NW¼ SE¼	sec. 6, T. 20 S., R. 46 W., Colo.	3,995
4	Stanolind Oil & Gas Co.	Alfred Snell	1	Cen. SE¼ SW¼	sec. 7, T. 20 S., R. 41 W., Colo.	3,853
5	Stanolind Oil & Gas Co.	J. W. Judd	1	Cen. SE¼ SE¼	sec. 15, T. 21 S., R. 38 W., Kans.	3,347
6	Atlantic Refining Co.	Thornbrough	1	NW¼ SE¼ NW¼	sec. 16, T. 21 S., R. 35 W., Kans.	3,130
7	Atlantic Refining Co.	Clayton Mark	1-A	Cen. SE¼ SE¼	sec. 28, T. 20 S., R. 33 W., Kans.	2,943
8	Stanolind Oil & Gas Co.	Horne Turpin	1	NW cor. NW¼	sec. 16, T. 19 S., R. 31 W., Kans.	2,978
9	Phillips Petroleum Co.	John Kees	1	Cen. SE¼ SE¼	sec. 3, T. 19 S., R. 30 W., Kans.	2,870
10	Continental Oil Co.	C. R. Aldrich	1	NE cor. SE¼	sec. 7, T. 18 S., R. 25 W., Kans.	2,512
	Continental Oil Co.	L. Everett	1	CNL, SW¼ SW¼	sec. 7, T. 18 S., R. 25 W., Kans.	2,506
11	The Texas Co.	L. Goodmon	1	Cen. SW¼ SW¼	sec. 21, T. 19 S., R. 23 W., Kans.	2,277
	Sinclair-Prairie Oil Co.	Wilhelm	1	Cen. SW¼ SW¼	sec. 16, T. 19 S., R. 21 W., Kans.	2,215





EXPLANATION

Limestone
Sandy limestone
Dolomitic limestone
Dolomite
Sandy dolomite
Anhydritic dolomite
Sandstone
Limy sandstone
Dolomitic sandstone
Red shaly sandstone
Anhydrite or gypsum
Salt
Conglomerate
Variegated shale
Red or maroon shale
Green shale
Gray shale
Black shale
Red sandy shale
Green sandy shale
Red limy shale
Gray limy shale
Green limy shale
Red dolomitic shale
Coal or lignite
Glauconite
Chert
Oolites
Oolitic chert
Schist
Granite
Unconformity

SUBSURFACE GEOLOGIC CROSS SECTION FROM NESS COUNTY, KANSAS TO LINCOLN COUNTY, COLORADO

By JOHN C. MAHER