University of Kansas
State Geological Survey of Kansas

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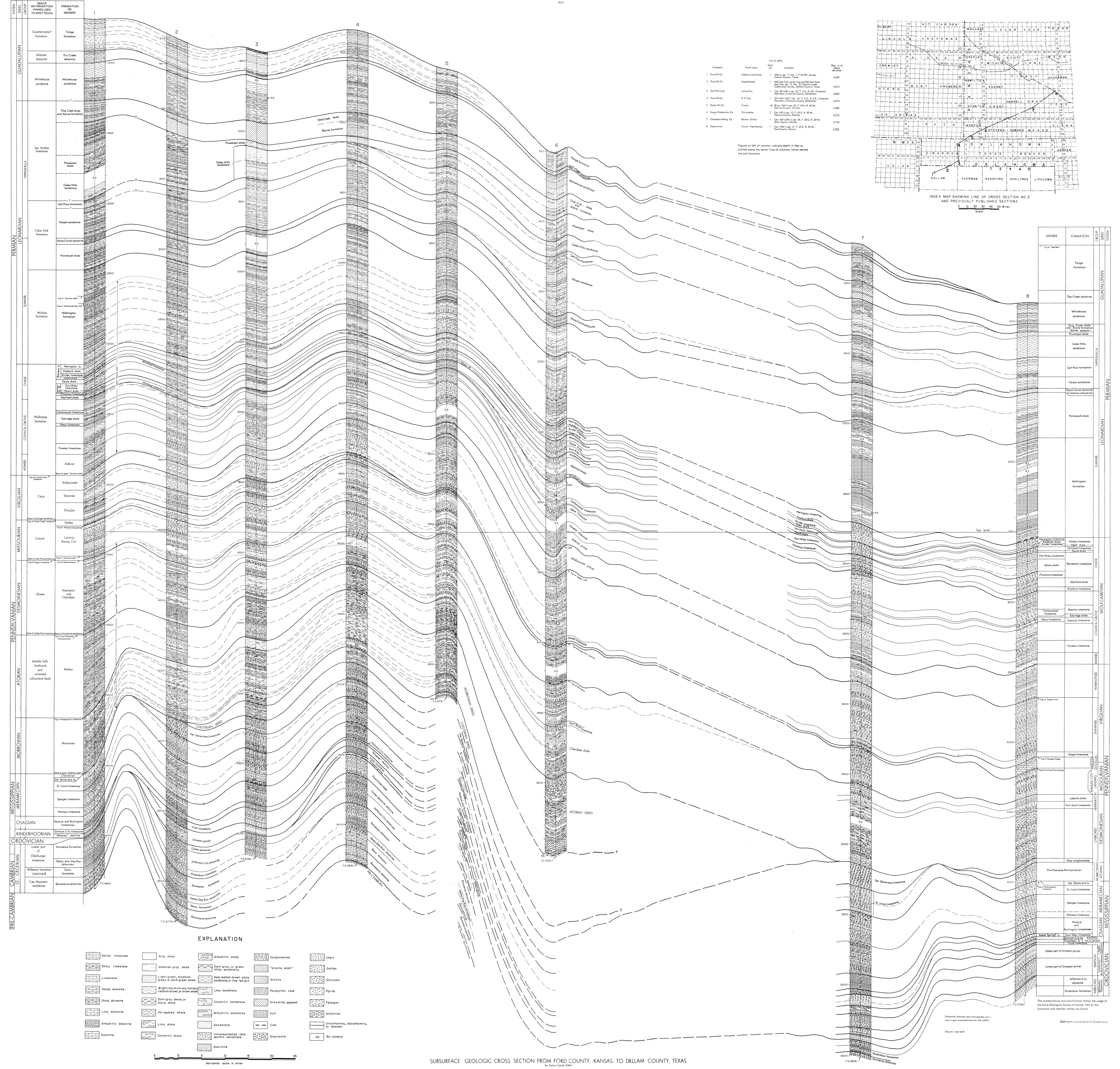
Oil and Gas Investigations
Preliminary Cross Section No. 3



INDEX MAP SHOWING LINE OF CROSS SECTION NO. 3 AND PREVIOUSLY PUBLISHED SECTIONS

List of wells

	Company	Farm name	Well no.	Location	Elev. in ft. above sea level
1	Pure Oil Co.	Federal Land Bank	1	NW¼ sec. 17, blk. 7, F.W.&D. Survey, Dallam County, Texas	4,335
2	Pure Oil Co.	Sneed Ranch	1	660 feet from north line and 660 feet from east line, sec. 13, blk. 18, Capital Lands Subdivision Survey, Dallam County, Texas	4,013
3	Gulf Oil Corp.	Julius Cox	1	Cen. SE¼SE¼ sec. 35, T. 2 N., R. 8 E., Cimarron Meridian, Cimarron County, Oklahoma	3,854
4	Pure Oil Co.	R. E. Cox	1	SE¼SW¼SE¼ sec. 16, T. 5 N., R. 8 E., Cimarron Meridian, Cimarron County, Oklahoma	3,919
5	Eason Oil Co.	Craver	1A	SE cor. SW¼ sec. 32, T. 34 S., R. 42 W., Morton County, Kansas	3,560
6	Argus Production Co.	Christopher	2	Cen. NE¼ sec. 10, T. 33 S., R. 39 W., Stevens County, Kansas	3,216
7	Champlin Refng. Co.	Becker (Dirks)	1	Cen. NE¼SW¼ sec. 34, T. 28 S., R. 29 W., Gray County, Kansas	2,776
8	Swain et al	Taylor (Henthorne)	1	Cen. NW¼ sec. 21, T. 25 S., R. 24 W., Ford County, Kansas	2,503

Figures at left of columns indicate depth in feet as plotted along the center lines of columns, which denote the well locations.

The nomenclature and classification follow the usage of the State Geological Survey of Kansas. Not all the formation and member names are shown.

Structural features and stratigraphy shown are in part interpretations by the author.

Datum—sea level.

Drafting of cross section by H. Russell Castor

SUBSURFACE GEOLOGIC CROSS SECTION FROM FORD COUNTY, KANSAS, TO DALLAM COUNTY, TEXAS

By Fanny Carter Edson