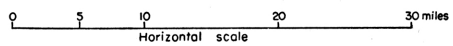


Explanation

Dolomitic shale	Dolomite laminae in shale	Calcareous dolomite
Dolomite	Cherty dolomite	Sandy limestone
Limestone	Cherty limestone	shale
Limestone and shale	Cherty shale	Principal unconformity



No.	Company	Well	Farm	Location
1	Aylward et al	1	Newell	Sec. 6, T. 25 S., R. 11 W.
2	Mid-Plains	1	Hays	Sec. 24, T. 25 S., R. 10 W.
3	Skiles	1	Wright	Sec. 17, T. 25 S., R. 9 W.
4	Texas	1	Moore	Sec. 13, T. 25 S., R. 9 W.
5	Melland	1	Miller	Sec. 8, T. 25 S., R. 8 W.
6	Lotus	1	Fesler	Sec. 17, T. 24 S., R. 8 W.
7	Atlantic	1	Short	Sec. 14, T. 23 S., R. 8 W.
8	Deal	1	Detter	Sec. 28, T. 22 S., R. 7 W.
9	Penguin	1	Phillips	Sec. 23, T. 22 S., R. 6 W.
10	Glickman	1	Ediger	Sec. 18, T. 22 S., R. 4 W.
11	Gled-Shell	1	Sperling	Sec. 28, T. 21 S., R. 3 W.
12	Westgate-Greenland	1	Roberson	Sec. 22, T. 20 S., R. 3 W.
13	Aladdin	1	Johnson	Sec. 20, T. 19 S., R. 2 W.
14	Barbara & Beardmore	1	Klinkerman	Sec. 36, T. 18 S., R. 2 W.
15	Williams	1	Tolle	Sec. 21, T. 17 S., R. 1 W.

Sample logs by:

- Lee
- Davies
- Davies
- Electric Log
- Davies
- Lee
- Davies
- Lee
- Lee
- Lee
- Davies
- Lee

FIG. 5.—Cross section A-A' from southeastern Stafford County to northeastern McPherson County showing (a) unconformities at base of Maquoketa shale, at base of Devonian limestone, and at base of Chattanooga shale; (b) facies variations of Maquoketa shale, and (c) transition to impure cherty and sandy limestone in well 1. Well 13 shows outlier of Silurian oolitic dolomite capped by Devonian sandy dolomite.