

DRILLING LOG

DRACH #1
SE NE SW Sec. 12-22-13
Stafford County, Kansas

Drilled For: H. A. Hershfield & Co., Inc.
Drilled By: Pulse-Hershfield Drlg. Co., Inc.

COMMENCED: 4/ 3/45
COMPLETED: 4/21/45

Surface & Clay	41
Sand	60
Shale & Sand	205
Bed Shale	585
Shale & Shells	891
Shale	1167
Shale & Shells	1570
Sand	1591
Broken Lime	1758
Shale & Shells	1925
Lime	1987
Shale & Shells	2435
Shale	2745
Shale & Shells	2835
Broken Lime	3015
Lime	3040
Shale	3070
Shale & Shells	3148
Lime	3298
Broken Lime	3497
Lime	3550
Broken Lime	3600
Conglomerate	3610
Viola Lime	3644
Simpson Shale	3689
Sand	3692
Arbuckle	3695
	3696 TD

CASING RECORD

10-3/4" - 237' - Cemented 250 Skts.
5-1/2" - 3689'6" - Cemented 75 Skts.

STATE OF KANSAS
12-22-1948

PLUGGING
FILE SEC 12-22-13
BOOK PAGE 70 LINE 18