

SEP 27 1969

KANSAS GEOLOGICAL SURVEY
508 East Main
Wichita, Kansas

9-32-4E

CASING RECORD

SEP 27 1969

8 5/8

236' Cemented
w/125 sacks

4 1/2

2786' Cemented
w/75 sacks

T. D.

3035'

Location: NE SW SW

Section: 9-32S-4E

Cowley County, Kansas

Farm: Tharp #1

Well Owner: Carter-Mandel

Contractor: WHITE & ELLIS DRILLING,
INC.

Commenced: 3-4-69

Completed: 3-14-69

KELLY BUSHING MEASUREMENT 5' ABOVE GROUND LEVEL.

<u>FORMATION</u>	<u>DEPTH</u>
Rock	0-43
Shale	65
Lime	420
Lime & Shale (stks.)	500
Lime & Shale stks.	820
Shale & Lime	1290
Lime	1329
Shale & Lime	1412
Lime	1421
Lime & Shale	1534
Shale	1566
Sand	1579
Shale	1615
Lime	1663
Shale & Lime	1713
Lime	1744
Shale & Lime	1800
Lime & Shale	1975
Sand & Shale	2135
Shale & Lime	2320
Shale	2380
Sand	2420
Shale & Sand	2489
Lime	2659
Shale	2675
Sandy Shale	2685
Sand	2707
Lime	2805
Shale & Lime	2915
Shale	3010
Sand	3016
Lime	3035

Gas



TOPS

Layton 2380

Kansas City 2489