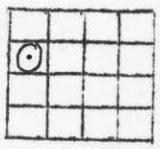
GR005

12

County Atchison



sec. 32 twp. 65 rge. 39

owner Gruenerwald, Wm & Ass. Inc.

elev. 1074 MGS# 19163 spl. ✓

farm Watkins No. 2 TD 3310 fm@TD Eminence ✓ shows no

status D&A @ T.D. date completed 6-18-60

remarks:

00023

~~00027~~

Index: 12—Atchison County
Name: Wm. Gruenerwald & Assoc., Inc. ~~No. 1~~ No. 2 Watkins
Loc.: C SW NW sec. 32, T. 65 N., R. 39 W.
Elev.: Surface 1074 ft. *T.D.:* 3310 ft.
Prod.: P. & A. *Spud:* 6-10-60 *Comp.:* 6-8-60
Casing: 8⅝" surface csg. set @ 405'
Log by: Jack Wells *Contractor:* Shira Drilling Co. Rotary tools

	Thickness	*Depth*
No samples	430	430
Pennsylvanian System		
Shawnee gp	74	504
Douglas gp	83	587
Pedee gp	33	620
Lansing-Kansas City gps	273	893
Pleasanton-Marmaton gps	214	1107
Cherokee gp	711	1818
Mississippian System		
St. Louis fm	12	1830
Spergen-Warsaw fm	65	1895
Burlington fm	50	1945
Chouteau gp	109	2054
"Kinderhook shale"	266	2320
Devonian System		
Undifferentiated	265	2585
Silurian System		
Undifferentiated	250	2835
Ordovician System		
Maquoketa fm	40	2875
Kimmswick fm	290	3165
Decorah-Plattin fms	111	3276
St. Peter fm	14	3290
Cambrian System		
Eminence fm	20	3310 T.D.

Northwest Missouri Oil and Gas Exploratory Logs

(1945 - 1963)

Compiled by

JACK WELLS and EARL McCRACKEN

INFORMATION CIRCULAR NO. 17

May, 1964

STATE OF MISSOURI
Department of Business and Administration

Division of
GEOLOGICAL SURVEY AND WATER RESOURCES
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Rolla, Missouri