County Holt

sec. 23 twp. 63 rge. 40

owner Gruenerwald, W^m

elev. 1072 MGS# 18822 sp

farm McQueen, F.T. No. 1 TD 3590 fm@TD Em.-Pot. A shows das

Status D+A plugged date completed 1-5-60

remarks:

00015

ER005

Index: 8—Holt County
Name: Wm. Gruenerwald No. 1 F. T. McQueen
Loc.: C NW SW sec. 23, T. 63 N., R. 40 W.
Elev.: Kelly bushing 1072 ft. *T.D.:* 3590 ft.
Prod.: P. & A. *Spud:* 12-16-59 *Comp.:* 1-5-60
Casing: No data
Log by: Jack Wells *Contractor:* Nemaha Oil Company Rotary tools

	Thickness	*Depth*
No samples	375	375
Pennsylvanian System		
Wabaunsee gp	75	450
Shawnee gp	210	660
Douglas gp	123	783
Pedee gp	37	820
Lansing-Kansas City gps	288	1108
Pleasanton-Marmaton gps	182	1290
Cherokee gp	860?	2150?
Mississippian System		
Spergen-Warsaw fms	40	2190
Burlington fm	50	2240
Chouteau gp	100	2340
"Kinderhook shale"	220	2560
Devonian System		
Undifferentiated	270	2830
Silurian System		
Undifferentiated	270	3100

Wm. Gruenerwald No. 1 F. T. McQueen—*Continued*

	Thickness	*Depth*
Ordovician System		
Maquoketa fm	40	3140
Kimmswick fm	245	3385
Decorah-St. Peter fms	100	3485
Cambrian System		
Eminence-Potosi fms	105	3590 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

THOMAS R. BEVERIDGE, *State Geologist*

Rolla, Missouri