

23-15-9E

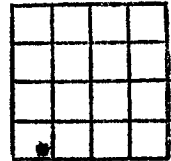
WELL LOG BUREAU—KANSAS GEOLOGICAL SOCIETY
 508 East Murdock, Wichita, Kansas

Company- WILLIAM GRUNERWALD
 Farm- Kieffer No. 1

SEC. 23 T. 15 R. 9E
 SE SW SW

Total Depth. 3109'
 Comm. 10-6-55 Comp. 11-18-55
 Shot or Treated. CORRECTED LOG.
 Contractor. White & Ellis Drlg., Inc.
 Issued. 10-15-60

County Morris
 KANSAS



Elevation. 1402' RB

Production. 105 BOPD

CASING:

3 5/8" 153' w/110 sx cem.
 5 1/2" 3103' w/100 sx cem.

Figures Indicate Bottom of Formations.

soil	2	lime, chat stks	2580
clay	8	lime	2595
lime	44	chert	2597
shale, lime stks	50	lime	2766
lime	65	lime, shale stks	2837
shale, lime stks	71	Kinderhook sec.	2836
lime	96	shale, shells	2932
shale, shells	103	lime	3035
lime	117	shale, shells	3106
lime shale stks	125	lime	3109
lime	132	Total Depth	
shale, shells	143		
lime shale stks	153		
lime	158	TOPS:	
shale, shells	338	Lansing	1571
shale	431	Kansas City	1705
shale, shells	564	Mississippi	2501
lime w/shale stks	582	Hunton	2932
shale, shells	647	Viola	3106
lime, shale	663		
shale, shells	685	TOPS: SCOUT	
shale, lime stks	739	Kinderhook	2837
lime	755		
brkn lime, shale	760		
shale, shells	780		
lime	795		
shale, shells	907		
lime	917		
shale, shells	987		
lime	1012		
shale, shells	1050		
lime	1070		
lime, shale stks	1100		
shale, shells	1140		
lime	1160		
shale, lime stks	1270		
lime	1351		
shale, shells	1369		
lime	1429		
shale, shells	1480		
shale, lime stks	1557		
shale	1571		
lime	1670		
lime, shale stks	1705		
lime	1920		
shale, shells	1995		
lime	2015		
lime, shale stks	2160		
shale, brown lime stks	2160		
shale, sdy	2170		
sand	2200		
shale, sdy	2205		
sand	2220		
shale, shells	2255		
lime	2265		
shale	2303		
shale, shells	2425		
lime shale stks	2501		
lime	2555		
lime chatty	2562		