

WELL LOG BUREAU--KANSAS GEOLOGICAL SOCIETY

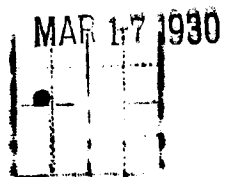
UNION NATIONAL BANK BLDG., WICHITA, KANSAS.

Sec. 32 T. 13 R. 15 W

Location SE SW NW

County--Russell

Casing Record
 10" 945 Farm- A. M. Speer No. 33
 20" 8 1/2" 2768 Company- Midwest Exploration Co.
 15 1/2" 65/8" 3059 Contr.- Company Tools.
 12 1/2" 53/16" 3310 Comm.- 10-22-29 Comp.- 3-1-30
 Total Depth 3317 1/2' Shot Quarts Between
 Correspondence Regarding This Well Should Be Referred to



Figures Indicate Bottom of Formations.
 Date Issued. 3-15-30

Elevation
 Initial Production 104 bbls.
 per day.

Formation	Depth	Formation	Depth
surface	20	lime	2970
shale blue	180	sdv lime 5 BW	2990
sand wtr	212	lime	3010
shale clay yellow	238	shale	3015
shale red	250	shale blue	3025
red rock	260	lime hrd	3035
shale blue	300	shale blk	3045
shale lgt	340	shale red	3047
shale blue	416	shale brown	3052
shale blue sticky	435	shale green	3056
shale blue	500	Top Oswald	3059
sdv shale red	590	lime	3072
lime	615	shale blue	3078
sand red	715	lime	3115
red rock	945	Show of oil 3080'	
lime wh	985	shale 1 BW 3105'	3120
shale red	1145	lime Show oil	3131
shale blue	1165	sand HFW	3139
shale red	1205	lime	3149
shale blue	1305	shale blue	3153
lime	1310	lime hrd gray	3158
shale blue	1320	lime hrd	3185
salt	1610	shale blue	3188
shale lgt	1650	lime	3229
lime	1670	red rock	3236
shale gray & lime		lime	3255
shells	1720	shale	3260
shale blue	1740	lime	3263
shale red	1750	shale blue	3267
lime wh	1760	lime	3280
shale lgt	1800	shale blue	3283
lime	1830	lime	3285
shale red	1875	shale blue	3288
lime	1888	lime	3292
shale lgt	1950	shale blue	3299
lime	1975	lime	3305
shale red	2000	shale	3310
lime	2025	lime	3312
shale gray	2165	shale blue	3314
1 BW 2175'		lime	3316
lime	2178	sand Gorham	3317 1/2
shale red	2240		
lime gray	2250	Total Depth	3317 1/2
shale brown	2280		
shale blue	2380		
lime	2395		
shale blue	2430		
shale lgt & shells	2440		
shale red	2500		
shale blue	2512		
shale blk	2583		
shale blue	2635		
shale & shells	2670		
shale blue	2750		
lime gray hrd	2755		
shale lgt	2759		
lime hrd	2889		