

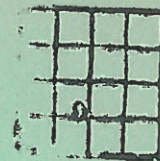
WELL LOG BUREAU - KANSAS GEOLOGICAL SOCIETY.  
412 Union National Bank Bldg, Wichita, Kansas.

HARTMAN & BLAIR.  
Waite No. 1.

SEC. 21 T. 31 R. 4E.  
SE NE SW

Total Depth. 3288'6"  
Comm. 11-30-38 Comp. 2-15-39  
Shot or Treated.  
Contractor.,  
Issued. 2-25-39

County Cowley.



CASING.

10" 71' 7" 3275

Elevation.

Production Pot. 3765 B.

Figures Indicate Bottom of Formations.

surface	25	lime	2395 cored 2365-95
sand	35	sdv lime	2410
lime	105	lime and shale	2430
sand	115	lime	2475
shale	130	shale	2480
lime	145	lime	2520
shale and lime shells	285	shale	2535
broken lime and shale	430	lime	2595
shale and shells	510	sdv lime	2602 show of oil
lime	545	sdv shale	2623
shale	690	lime and shale	2630
shale and lime shells	765	lime	2631
shale and shells	880	shale	2651
lime	940	lime	2680
shale	950	shale	2710
broken lime	1020	lime	2730
shale and shells	1085	sdv lime	2735 show oil
shale	1110	lime	2755
pyrite of iron	1115	lime and shale	2820
shale and shells	1225	shale & lime	
broken lime	1250	shells	2870
lime	1290	shale	2919
shale and shells	1305	lime	2926
lime	1320	shale	2944
shale and shells	1375	sand	2947
shale and lime shells	1400	shale	2958
lime	1440	sand	2960
shale and lime shells	1475	chat	2961
shale and shells	1515	lime	3003
broken lime	1525	show oil 2965-70	
shale and lime shells	1580	cherty lime	3018
shale and shells	1605	lime	3112
lime hard	1625	shale	3142
shale and shells	1680	chert	3150
lime	1695	lime	3173
shale and lime shells	1725	shale	3189
lime	1735	lime	3202
shale and lime shells	1755	shale	3273
shale	1790	lime	3286'6"
lime	1805	Total Depth.	
shale	1903		
lime brown	1913		
sand	1915		
sdv lime	1930 cored 1915-30		
shale	1960		
sdv shale	1985		
shale	2018		
lime	2025		
shale	2185		
lime	2195		
shale	2348		