

5-16-13W PLOTTED  
 G.E. Jameson

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

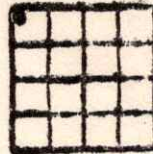
EMPIRE OIL & REFG.  
 Bitter No. 1

SEC. 5 T. 16 R. 13W.  
 NWO NW  
 330' S 330' E. NW cor.

Total Depth. 3307  
 Comm. ~~5-12-37~~ Comp. 6-18-37  
 Shot or Treated. 2000 gal.  
 Contractor. J.E. MaBee.  
 Issued. 8-28-37

County Barton.

AUG 28 1937



Elevation.

CASING.

103/4" 360' 7" 3280'

Production. Pot. 2088. B.

Figures Indicate Bottom of Formations. trace water.

shale and shells	98	lime cored	3131
sand	134	broken lime	3137
shale	180	lime	3147
shale and shells	408	lime cored	3211
iron pyrite shells & sand	455	lime broken	3221
sand and shale	490	lime	3258
red beds	630	lime cored	3283
red beds shale	829	shale cored	3286
shale	833	lime cored no rec.	3289
anhydrite lime	872	lime	3291
shale	880	shale green and lime	3294
shale and shells	1202	lime	3297
shale	1265	dolomite	3307
salt	1584	oil 3302-04	
shale and shells	1668	Total Depth.	
lime	1690		
shale and lime shells	1815	600' oil in 33/4 hours.	
lime	2027	1300' oil in 73/4 hours.	
lime and shale	2113	1600' oil in 103/4 hours.	
lime	2148	1800' oil in 133/4 hours.	
lime and shale	2293	2000' oil in 163/4 hours.	
shale and shells	2473	2200' oil in 213/4 hours.	
lime and shale	2608	2700' oil in 263/4 hours.	
lime	2638		
shale	2680	Top Oswald 3047 ✓	
lime	2718	Top Eros. Arbuckle 3284	
lime and shale	2760	Top solid Arbuckle 3297 ✓	
SLM corr. 2760 equals 2765			
lime	3031		
shale	3035		
shale cored	3045		
lime and shale cored	3047		
SLM corr. 3047 equals 3050			
lime and shale (cored)	3054		
lime	3067		
SLM corr. 3067 equals 3070			
lime	3080		
lime very soft	3091		
good por and light sat.	3091		
lime	3121		