

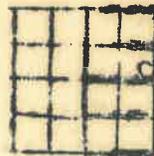
KANSAS WELL LOG BUREAU - KANSAS GEOLOGICAL SOCIETY  
 Union National Bank Bldg, Wichita, Kansas.,

EMPIRE OIL AND REFINING CO.  
 Froese No. 2

SEC. 7 T. 22 R. 3 W.  
 NE SE SE  
 986' N. 335' W. of SE cor.

Total Depth. 3560  
 Comm. 3-31-34 Comp. 6-15-34  
 Shot or Treated. 20 qts 3544-3560  
 Contractor.  
 Issued. 7-14-34.

County. Harvey.



Rotary  
 CASING.

15 1/2" 536'  
 8 3/4" 3393'  
 65/8" 3530'

Elevation.

Production. 277 B.0 and 35 B.W.  
 Potential.

Figures Indicate Bottom of Formations.

clay	30	shale	3120
sand	250	shale and lime	3145
red bed	270	chat	3215
lime shells	272	lime	3287
shale bl and slate	303	shale Sticky	3295
shale	317	shale	3327
shale and gyp	460	lime	3350
shale and shells	470	lime and shale	3367
lime	483	shale	3389'11
gyp rock	510	correction 3389'11 equals 3381'11	
shale and lime	540	Misner sand 3381'11"-	3382
lime	590	Hunton lime	3418
shale and lime	810	shale	3430
shale and shells	870	lime white	3445
shale	950	lime broken	3462
shale and lime	980	lime	3470
shale and shells	1090	shale white Hole caving.	3494
shale	1210	shale white	3521
shale and shells	1310	lime	3525
shells	1375	S.L.M. correction	3525-23
shale	1605	lime	3539
broken lime	1615	sand	3560
lime	1635		
shale	1685		
lime and shale	1720	Top Viola lime 3519 SIM	
broken lime	1780	Top Wilcox sand 3539-SIM	
lime	1805		
shale	1845		
broken lime	1883		
shale	1920		
lime	1940		
broken lime	1990		
grey lime	2050		
broken lime	2106		
lime	2140		
shale	2165		
shale and shells	2215		
lime	2265		
shy shale	2440		
lime	2925		
shale	2945		
lime and shale	2958		
shale SIM	3000		
shale	3040		
shale and shells	3090		

TD