

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

Plotted Texas CO. J.R.S.

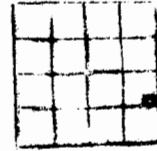
EMPIRE OIL & REFG CO.  
Bemis No. 2.

SEC. 21 T. 11 R. 17W.  
SE NE SE  
1000' S. 360' W of E<sub>1</sub> cor.

Total Depth. 3441.  
Comm. 11-1-36 Comp. - 12-8-36  
Shot or Treated.  
Contractor. Twin Drlg Co.  
Issued. 1-23-37

County Ellis.

JAN 23 1937



CASING.

15 1/2" 109'  
10" 1130'  
7" 3419' SIM

Elevation.

Production. Pot. 2270 B.  
no wtr 24 hrs.

Figures Indicate Bottom of Formations.

soil and gravel	105	lime light hard	2967
shale dark	124	lime broken light	2973
wash rock	134	lime white hard	3004
shale and shells	384	lime light hard	3100
shale shells blue grey med	484	lime grey med	3116
sand grey soft	590	lime light hard	3180
shale blue soft	610	lime light grey hard	3200
shale and shells med	636	lime light hard	3223
shale and shells	700	lime light grey hard	3253
sand soft red	786	lime light hard	3262
sand med red	820	lime sdy	3269
red sand soft	840	lime grey hard	3371
red bed med	971	lime grey broken med	3378
red bed soft	1133	lime grey med	3387
anhydrite	1171	lime grey hard	3390
red rock med	1240	lime broken	3400
red rock & lime shells med	1367	shale green med	3408
shale blue sticky	1427	shale green	3410
shale grey and shells med	1495	sand (saturated)	3417
salt med	1690	shale (SIM corr. 3418 equals 19)	3418
shale blue soft	1734	lime (por & Sat.)	3422
shale blue soft sticky	1780	lime	3441
shale grey med	1820	Top lime 3419' corr.	
lime grey hard	1885	Total Depth.	
lime broken	1915		
lime broken grey med	1973		
lime grey hard	2015	Note- At 3423 hole filled as follows.	
lime broken med	2040	1525' 25 Min.	
lime grey hard	2064	2100' 45 Min.	
lime broken light	2079	2400' 1 1/2 hours.	
lime grey med	2120	2850' 3 hours.	
lime dark hard	2155		
lime light grey hard	2 206	no additional fill up when	
lime grey hard	2 363	deepened to 3441.	
lime broken med	2414		
lime grey hard	2424	Top sdy conglomerate 3376 (corr)	
shale blue med	2444	Top Siliceous (SIM) 3419	
lime light grey med	2476		
lime grey broken med	2540		
lime grey med	2583		
lime grey hard	2593		
lime light grey hard	2603		
shale brown med	2657		
shale blue sticky	2662		
lime grey hard	2687		
shale grey med	2720		
lime broken med	2 737		
lime light grey hard	2748		
lime light grey med	2805		
shale blue med	2830		
lime	2864		
lime broken	2891		
lime broken med	2925		
lime light grey hard	2942		