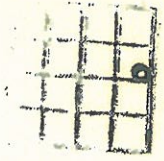


CITIES SERVICE OIL.  
 Carter No. 1.

SEC. 29 T. 14 R. 13W.  
 SEC NE  
 330' N 330' W E $\frac{1}{4}$  cor.

County Russell.

Total Depth. 2927  
 Comm. 4-14-38 Comp. 5- 6-38  
 Shot or Treated. 8000 gal acid.  
 Contractor. Corbett and Barbour.  
 Issued. 6-18-38



CASING.

103.4" 317' 7" 2914'

Elevation.

Figures Indicate Bottom of Formations.

Production. Pot. 1320 B.  
 no wtr 24 hrs.

surface sand	60		
shale	165	Top Kansas City	2883
iron	215	Pen	44'
shale	250		
sand	265		
shale	290		
iron	295	FILL UP.	
shale	315	400' in 1 hr.	
lime shells	317	750' in 3 hrs.	
shale and shells	380	1050' in 7 hrs.	
shale	450	1150' in 13 hrs.	
red rock	690	1400' in 19 hrs.	
anhydrite	775		
red beds and shells	900	Top Pay 2915	
shale and lime shells	1030	Bottom pay 2925	
shale	1190		
salt	1245		
shale and shells	1338		
broken lime	1348		
shale and shells	1435		
lime	1450		
broken lime	1460		
shale and shells	1610		
broken lime	1630		
shale and shells	1720		
lime	1953		
shale and shells	2359		
lime	2403		
shale and shells	2535		
Topoka lime	2545		
broken lime	2605		
Topoka lime	2765		
shale and shells	2767		
lime	2851		
broken lime	2884		
cored lime 2913-14			
K.C. lime	2927	Top Oswald 2883.	
Total Depth.			