

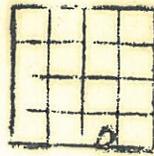
KANSAS WELL LOG BUREAU - KANSAS GEOLOGICAL SOCIETY.  
 Union National Bank Bldg, Wichita, Kansas

EMPIRE OIL AND REFINING CO.  
 Paulson No. 73

SEC. 2- T. 26 R. 4E.  
 SE SW SE  
 1120 E. 250 N. S $\frac{1}{4}$  cor.

Total Depth. 1691  
 Comm. 4-23-34 Comp. 5-21-34  
 Shot or Treated.  
 Contractor.  
 Issued. 7-14-34.

County. Butler.



CASING.

12 $\frac{1}{2}$ " 79' 65/8" 1644'  
 10" 935'  
 8 $\frac{1}{2}$ " 1374' SLM

Elevation.

Production. 65 B.O. 120 Wtr.

Figures Indicate Bottom of Formations.

soil	4	slate	770	Shale	1640
lime	19	lime	815	Top Lansing 1640	
shale	24	shale and shells	830	SLM corr 1640= 1644	
lime	45	shale	875	lime	1691
lime	70	shale	905		TD.
slate	100	lime	913		
lime	115	water sand	923	$\frac{1}{2}$ BW and $\frac{1}{2}$ BPHR 1686-91	
slate	120	lime	935		
lime	130	slate	940		
slate	140	lime	960		
lime	160	slate	970	$\frac{1}{2}$ BWPB 395	
slate	161	shale	975	$\frac{1}{2}$ BW 685-90	
red rock	171	lime	980	2 BW 805-12	
lime	175	shale	1000	Water sand 913-23	
slate and shells	195	lime	1010	1 BWPB 1065-75	
slate	200	shale	1040	2 BW 1105-10	
red rock	205	slate	1060		
lime	215	lime	1090		
shale	240	slate	1105		
lime	250	lime	1135		
red rock	255	125 M.C.F. Gas. 1110-1115			
shale	260	slate	1140		
shale	270	shale	1150		
lime	280	lime	1155		
shale	290	shale	1160		
lime	295	lime	1165		
shale	315	shale	1175		
lime	340	lime	1190		
slate and shells	365	shale	1195		
slate	370	lime	1200		
lime	400	show gas 1195-1200			
lime	445	lime	1215		
lime	455	slate	1235		
slate	460	lime	1250		
lime	463	shale	1260		
slate and shells	475	lime	1295		
slate	485	slate	1305		
lime	490	lime	1320		
slate	510	slate	1340		
lime	515	lime	1374		
shale	550	lime	1384		
shale	555	slate	1390		
red rock	560	lime	1420		
slate	580	slate	1440		
lime	590	lime	1450		
shale	625	265 M.G. 1445-50			
shale Bl.	660	broken lime	1455		
lime	670	sdv shale	1475		
slate	675	water sand	1485		
shale	680	sdv lime	1500		
sdv shale	710	B. shale	1505		
slate	730	sdv shale	1525		
slate	740	shale bl	1530		
lime	755	slate	1565		
slate	760	broken lime	1600		
lime	765	lime	1620		