

ORIGINAL

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

COMPANY Empire Oil and Refg. Co.

SEC. 9 T. 25 R. 5E.

FARM Wilson No. 49.

LOC. SE NE SW

1550' N. 250' W. S $\frac{1}{2}$ cor.

TOTAL DEPTH
 COMM. 8-21-17
 SHOT OR TREATED.
 CONTRACTOR.
 ISSUED.

COMP. 12-21-17

COUNTY Butler.

K. G. S. LIBRARY



CASING

20 IN.	10 IN.
15 1-2	8 1-4 2152
12 1-2 770'	6 5-8 2441
13 3-8	5 3-16

ELEVATION

PRODUCTION 300 bbls.,

3" 2465
 3/4 2440'

FIGURES INDICATE BOTTOM OF FORMATION

soil	4	sand	1560
lime	60	(shale	1570)
shale	64	shale	1615
lime	104	lime	1662
shale	120	shale	1715
lime	145	lime	1825
shale	155	shale	1865
sand	195	lime	1885
shale	200	shale	1975
red rock	225	lime	1987
lime	249	shale	1993
shale	355	lime	2015
lime	390	sand	2020 show oil.
shale	415	lime	2038
lime	425	bbb sand	2044
(shale	450)	lime	2119
shale	504	bbb sand	2125
lime	508	lime	2152
shale	598	shale	2295
lime	605	lime	2305
shale	675	shale	2340
oil	680	lime	2375
sand	690	shale	2438
shale	770	sand or shells	2441
shale lime and shale 800		lime	2445
shale	845	shale	2450
lime	860	sand	2472 TD.
shale	890		
lime	910		
shale	945		
lime	956		
shale	1024		
lime	1042		
shale	1065		
lime	1077		
shale	1090		
lime	1141		
shale	1148		
lime	1178		
shale	1198		
lime	1232		
shale	1252		
lime	1294		
shale	1305		
lime	1335		
shale	1400		
lime	1455		
shale	1460		
sand show gas.	1465		
lime	1480		
shale	1522		
show oil and gas	1550		