

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

EMPIRE OIL & REFG.
Johnson No. 7.

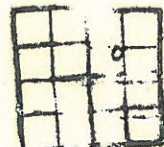
SEC. 2 T. 14 R. 15W
NE SW NE
990' N 996' E of Cen of Sec.

Total Depth. 3313' P.B. 3099'
Comm. 7-2-36 Comp. 9-7-36
Shot or Treated. 3000 Gals 10-5-36
Contractor. Rine Drlg. Co.
Issued. 11-28-36

County. Russell

CASING

20 " 19'6" Pulled
15 1/2" 405' UR 415' Pulled
12 1/2" 683' UR 940'
10 " 2215' UR 2565'
8 1/4" 2983' UR 3140' Raised to 3050'
6 5/8" 3313' Pulled
7" 68'9" liner set at 3099' when well was
Plugged Back.



Elevation.

Production. Pot. 753 B.,

Figures Indicate Bottom of Formations. 6% wtr 24 hrs.

cellar	10	lime	2002
clay yellow	40	shale blue	2015
shale blue	240	lime	2040
sand	250	shale & shells	2095
red rock	275	lime	2108
sand	300	shale & shells	2125
red rock	325	lime	2135
mud yellow	330	shells & shale	2150
shale blue	356	red rock	2170
lime	360	lime	2215
shale blue	364	red rock	2230
lime	368	lime	2235
shale grey	375	brkn lime	2255
shale blue	380	lime	2295
red rock	385	shale blue	2298
shale blue	420	lime	2313
water sand	435	shale	2317
shale blue	480	lime	2322
sand	487	shale	2331
shale blue	505	lime	2338
sand	570	shale	2345
red rock	637	shale & shells	2380
lime shell	640	shale blue O & G	2395
shale blue	643	lime	2400
red rock	770	lime shells & shale	2440
sand	785	shale	2446
red rock	930	lime	2450
anhydrite	945	Inc. in gas at 2448	
lime	973	shale	2500
shale red	990	lime	2515
shale blue	996	shale	2560
shale red	1015	lime	2585
red rock	1120	lime shells & shale	2620
shale blue	1148	shale	2625
lime shells	1154	lime	2650
shale blue	1165	shale	2655
shale pink	1175	shale blue	2705
red rock	1220	shale	2715
shale blue	1290	lime	2745
salt & shale	1305	shale & shells	2760
salt	1587	sh oil 2760	
shale blue	1600	lime	2955
red rock	1610	sand	2985
salt	1655	740' oil in 3 hrs.	
shale light blue	1671	lime	2990
lime	1675	shale	2995
salt	1700	lime	3015
shale	1710	red rock & shale	3033
lime	1745	lime Oswald	3043
shale	1775	sh oil 3030-35	
lime	1815	Corr. 3043-3054	
red rock	1845	lime	3213
lime	1880	red rock	3215
shale blue	1900	lime	3225
lime	1908	conglomerate	3299
sdv shale	1919	gorham sand	3300
lime	1970	sh oil & HFW 3300	
shale blue	1980	SLM Corr. 3300=3313	

sh oil & HFW in
gorham sand 3312-13
Total Depth. 3313

Plugged back with cement
to 3099
Raised 8 1/4" to 3050' and
cem. with 65 sacks
Top Oswald lime 3044
Pen. 55'
Total Depth. 3099'

Acidized 10-5-36 with
3000 Gals.

WATER RECORD

4 BWPH	240-50
HFW	275-300
Water	420-35
Water	565-70
12 BWPH	770-85
HFW	850-65
HFW	2200-15
HFW	2285
1 BWPH	3170-75
Water	3180-87