

Plotted
R.W.B.

WELL LOG BUREAU - KANSAS GEOLOGICAL SOCIETY

UNION NATIONAL BANK BLDG WICHITA KANSAS.

Location SE NW NW
990' S 990' E NW cor.

Sec. 21 T. 14 R. 13W

Casing Record

County- Russell.

20" 34 10" 2071' 10" Farm- Sherwood No. 1
15" 403' 4" 8 1/2" 2393 Company- Empire Oil & Refining Co.
12 1/2" 743 65/8" 2912' 10" Contr.- Rine Drlg. Co.
53/16" 3278 Comm.- 9/27/30 Comp.- 11/28/30.
Total Depth 3332'. Shot Quarts Between
Correspondence Regarding This Well Should Be Referred to

JAN 12 1931

Elevation 1903

Figures Indicate Bottom of Formations.

Initial Production Dry.

Date Issued. 1/10/1931.

Formation	Depth	Formation	Depth	Formation	Depth
cellar	10	shale	1895	Chiefly quartz (clark)	
clay	15	lime	1910	Arbuckle Limer, erosion	
lime	38	lime	1945	shale	3238
shale	80	shale	1950	lime	3240
lime	95	lime	1965	180' water	3240
sand	125	shale	1970	sand	3248
red rock	260	lime	2002	Water 3245-48	
shale	312	red rock	2016	sand & shale	3250
water sand HFW	320	lime	2030	sand	3260
shale	333	shale	2035	lime	3297
sand	338	brkn lime	2080	HFW 3281-85	
shale	340	shale	2085	sand	3332
gray & red shale	355	red rock	2120	Total Depth	3332
shale	412	shale	2130		
lime	415	lime	2150		
sand HFW	428	shale	2155		
shale	448	lime	2160		
red rock	737	shale	2330		
GYP	740	sdylime	2335		
red rock	744	show oil & gas	2330-35'		
GYP	745	shale	2405		
lime	780	lime	2415		
red rock	930	shale	2435		
shale	975	brkn lime	2450		
red rock	1035	shale	2460		
shale	1170	brkn lime	2515		
salt	1405	shale	2570		
brkn lime	1440	lime	2576		
shale	1453	shale	2585		
lime	1458	lime	2625		
shale	1470	shale	2635		
lime	1478	light show oil	2635'		
red rock	1490	lime	2900		
lime	1503	shale	2909		
shale	1515	lime	2922		
lime	1530	red rock	2927		
shale	1555	shale	2947		
lime	1583	lime	2951		
shale	1600	red rock	2960		
lime	1613	lime	3022		
shale	1645	shale	3025		
red rock	1675	lime	3045		
sdylime	1700	shale	3050		
shale	1710	lime	3070		
lime	1785	brkn shale	3080		
sand	1789	lime	3160		
red rock	1795	shale	3175		
lime	1800	red shale	3177		
red rock	1810	lime	3192		
lime	1835	shale	3204		
shale	1840	lime	3206		
lime	1862	brkn lime	3215		
red rock	1880	shale	3227		
lime	1885	lime	3233		
		Erosional Mat.	3330-40'		