

UNION NATIONAL BANK BLDG, WICHITA, KANSAS

33-11-13W  
Sec. 33 T. 11 R. 13W

Location: Center NE 1/4

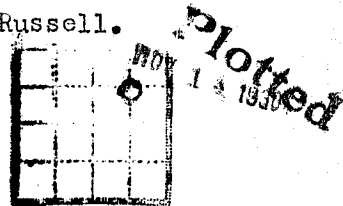
County: Russell.

Casing Record.

10" Farm. Bratton  
20" 8" Company. Kruger et al.  
15" 65/8" Contr.  
12" 53/16" Comm.

No. 1

Comp. 9-16-31



Total Depth. 3535 Shot Quarts Between.

Correspondence Regarding This Well Should Be Referred To.

Elevation. 1805

Initial Production.

8 bbls per day.

Figures Indicate Bottom of Formations.

Date Issued. 11-14-31

Formation	Depth	Formation	Depth	Formation	Depth.
soil	20	lime	1960	sh Oil 2928	
sand	35	shale green	1990	shale	2967
shale	225	lime	2005	lime	3000
shale	235	shale	2013	shale	3005
red rock	240	lime	2027	lime	3010
shale	285	shale and shells	2052	shale	3015
red rock	295	lime	2090	lime	3019
shale blue	305	red rock	2115	red rock	3023
sand water	330	lime	2125	lime	3035
shale blue	335	shale	2140	shale	3040
red rock	390	shale	2155	lime	3041
sand water	410	shale	2160	red rock	3053
shale white	425	lime	2170	shale	3057
shale green	430	shale	2200	lime <i>oswald</i>	3065
sand	480	lime	2210	lime	3080
shale blue	485	lime	2240	shale	3083
sand	495	lime	2280	sh Oil 3091-3094	
shale	505	shale	2303	more oil 3094-3095	
sand HFV	520	lime	2310	lime	3095
shale	540	shale	2365	filled 50' with oil in 12Hrs.	
red rock	550	shale	2370	lime	3098
shale	555	lime	2400	200' in 36 hrs 3091-94	
red rock	630	shale and lime shells	2450	shale	3100
sand	640	lime	2455	lime	3135
red rock	655	lime 2BW 2465	2473	blk shale	3139
shale	680	shale	2500	lime	3141
red rock	730	lime	2503	shale blue	3144
sand	740	shale	2507	lime	3147
sand	744	lime	2535	shale blk	3150
red rock	820	shale	2545	lime	3152
lime	860	lime	2550	shale	3155
no log	965	shale	2562	lime	3159
red rock	1015	lime	2575	red rock	3161
shale	1052	shale	2580	lime	3188
red rock	1132	lime	2585	red rock	3191
shale	1140	shale	2595	lime	3200
lime	1145	shale	2600	shale	3203
shale	1170	lime	2615	lime	3228
salt	1372	shale	2625	shale	3231
shale	1375	lime	2633	lime S.O. 3091-94	3260
lime	1500	shale	2640	lime S.O. 3112 3BW3114	3278
lime	1535	lime	2650	shale blk S.O. 3132-	3280
broken lime	1595	shale	2677	lime 36	3282
shale	1620	lime	2682	shale blue	3286
red rock	1635	shale	2705	lime	3310
shale	1645	lime	2715	shale blue	3323
shale and shells	1695	shale	2725	lime	3352
red rock	1715	lime	2767	shale blue	3369
shale blue	1735	shale	2792	red rock	3378
lime	1753	lime	2808	lime	3388 = 33780.H.
red rock	1785	shale	2814	shat and shale	3390
shale	1790	lime	2822	lime	3400
lime	1810	shale	2828	shale	3403
red rock	1817	lime	2875	lime	3412
sdv lime	1836	shale	2880	Broken red Rock	3416
lime	1880	lime	2925	lime	3423
sdv lime	1895	shale green & lime	2927	shale	3425
shale	1905	Show Oil 2927		lime	3435
red rock	1911	shale	2930	red rock HFV 3450	3438
lime	1935	sdv lime	2950	lime	3450
red rock	1945	1 1/2 BW 2940 Sh gas. 2890		red rock	3455
				red rock bro. lime	3464

OVER

Center NE $\frac{1}{4}$   
33-11-13W. Russell County.  
Bratton # 1. Kruger et al.

Formation	Depth.
various colored shale	3468
lime	3475
HFW 3448-50	
lime Various colored	3489
HFW 3500-35	
lime	3535
Total Depth.	