

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

Plotted
J. E. J.

R.H. SHIELDS ET AL.
Gross No. 4

SEC. 31 T. 13 R. 12W.
SEc NE

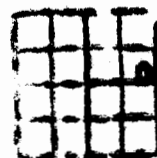
Total Depth. 3070
Comm. 7-13-38 Comp. 9-27-38
Shot or Treated. 500 gal.
Contractor.
Issued. 12-17-38

County Russell.

CASING.

12 $\frac{1}{2}$ " 404'
10" 754'
8 $\frac{1}{4}$ " 2647'
65/8" 2835'
53/16" 3034'

DEC 12 1938



Elevation.

Production. Pot. 263 B.

Figures Indicate Bottom of Formations.

cellar	10	shale & shells	1935	shale	2994
lime	15	lime	1965	lime	3070
shale	20	shale	1980	Total Depth.	
shale	285	lime	2005		
5 BW 285-95		shale	2015	HFW 3062-70	
sand	295	red rock	2030	show oil 2993-98	
red rock	305	lime	2045	6 BW and 3 BO 24 Hr.	
shale	310	shale	2075	500 acid.	
sdv shale	325	lime	2080	no test, going to	
sand	382	show gas 2075-80		reacidize	
shale	438	shale	2100	Pumped 3 B.O. and 20 BW 1 day.	
HFW 438-50		lime	2125		
sand	450	shale	2140	Top Anhydrite 740	
shale	480	lime	2165		
red rock	735	shale	2190	Top of lime 2976	
shale	740	lime	2200		
lime	782	shale	2215		
shale	785	lime	2220		
red rock	950	shale shells	2255		
shale	980	shale	2265		
red rock	1080	lime	2275		
shale	1138	shale	2315		
lime	1145	lime	2330		
shale	1155	shale blk	2345		
salt	1440	lime	2350		
shale and shells	1475	shale	2355		
shale and shells	1490	lime	2365		
lime	1520	shale	2385		
shale	1530	lime	2395		
lime	1540	shale	2505		
broken lime	1560	lime	2525		
red rock	1570	shale	2530		
lime	1575	lime	2550		
shale	1585	shale	2630		
lime	1600	lime	2637		
shale	1620	shale	2645		
lime	1640	lime	2655		
shale	1645	shale	2665		
lime	1655	lime	2800		
shale	1665	lime	2830		
red rock	1680	lime	2895		
lime	1705	shale	2900		
shale	1720	Small show Oil & HFW 2820-38			
lime	1810	lime	2905		
shale	1815	shale	2915		
lime	1850	lime	2930		
shale	1860	shale	2966		
lime	1890	lime	2986		
shale	1920	SIM 2966 - 76			