

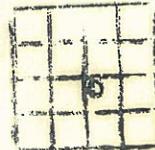
WELL LOG BUREAU - KANSAS GEOLOGICAL SOCIETY
 Union National Bank Bldg, Wichita, Kansas.

BILLINGS ET AL.
 Witt No. ~~1~~ #4

SEC. 4 T. 14 R. 15W.
 NWc SE

Total Depth. 3065
 Comm. 12-19-34 Comp. 5-9-35.
 Shot or Treated.
 Contractor.
 Issued. 7-20-35.

County. Russell.



CASING.

~~20" 29' 10" 918'~~ 15 1/2 406' 8 2770'
~~12 1/2" 594' 8" 2525'~~ 10 896' 6 3/8 3032'

Elevation.

Production. Pot. 1025 B.

Figures Indicate Bottom of Formations.

cellar	9	shale	2335
lime	14	lime	2340
shale	180	shale	2390
sand	215	shale shells	2405
sdv shale	245	lime	2420
sand	250	shale	2480
shale	265	lime	2485
sand water	270	shale	2492
shale	310	lime	2530
sand	335	shale	2605
shale	390	lime	2618
sand	395	shale	2685
shale	455	lime	2700
sand water	527	shale	2730
red rock	575	lime	2745
sand	588	small show oil	2745
shale	594	shale	2755
red rock	893	lime	2820
lime	925	sdv lime	2838
shale ?	950	show oil and 2 BWPHR	2820-30
red rock	1040	lime	2860
shale	1110	shale	2865
shale Br.	1187	lime	2871
7 BW 685-95		shale	2875
shale	1250	lime	2954
salt	1485	shale	2958
shale	1505	lime	2962
lime	1510	shale	2974
shale	1520	lime	2986
lime	1535	shale	3012
shale	1610	lime	3032
lime	1620	show oil	3032
shale	1650	shale	3036
lime	1675	lime	3048
shale	1720	lime	3065
lime	1730	Total Depth.	
shale	1761		
lime	1795		
shale	1860		
lime	1870		
shale	1890		
lime	1945		
shale	1956		
lime	1980		
shale	1989		
sdv lime	2013		
shale	2050		
lime	2060		
shale	2090		
lime	2100		
shale	2111		
sdv lime	2140		
red rock	2160		
lime	2210		
red rock	2220		
lime	2225		
shale	2252		
lime	2268		
shale	2295		
lime	2329		