

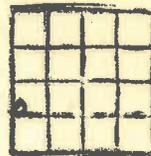
WELL LOG BUREAU - KANSAS GEOLOGICAL SOCIETY.  
412 Union National Bank Bldg, Wichita, Kansas.

SPENCER - YARNELL  
Patzner, No. 3-B.

SEC. 31 T. 17 R. 10W.  
SW NW SW

Total Depth. 3049  
Comm. 2-26-39 Comp. 3-30-39  
Shot or Treated.  
Contractor.  
Issued. 9-2-39

County Ellsworth.



CASING.

15 1/2"	110'
12 1/2"	560'
10"	1885'
8 1/4"	3029'

Elevation.

Production. Pot. 6700 B.

Figures Indicate Bottom of Formations.

cellar	10	red rock	1905	
clay yellow	50	lime	1980	
sand yellow dry	60	red rock	1985	
shale green	65	lime	2015	
sand HFW	80	slate	2025	
shale yellow	120	lime	2085	
shale blue	175	shale blue	2115	
sand	185	lime	2145	
shale blue	270	slate	2155	
sand HFW	285	slate and shells	2165	
shale blue	315	shale	2170	
red rock	555	red rock	2175	
anhydrite	560	shale	2192	
lime	580	lime	2195	
shale and red rock	795	shale	2210	
shale blue	855	sand HFW	2220	
red rock	905	shale	2280	
shale blue	955	lime white hard	2290	
shale white	1000	shale white soft	2300	
salt	1290	lime wh hard	2305	
lime	1300	shale dark soft	2335	
shale and shells	1315	lime white hard	2370	
lime white hard	1395	shale grey soft	2375	
shale	1400	limo white hard	2390	
slate and shells dark	1435	lime	2430	
lime white hard	1510	shale blue soft	2480	
shale soft	1515	limo white hard	2485	
red rock	1530	shale	2495	
lime 1 1/2 BFH 1610	1740	lime	2500	
shale blue 4 BW 1655-	1750	shale	2515	
lime 65	1765	lime white hard	2540	
red rock	1775	shale blue soft	2570	
lime	1795	lime	2585	
red rock	1800	shale dark	2590	
lime & shells	1815	lime white hard	2685	
red rock	1820	shale	2690	
lime	1840	lime	2820	
shale	1845	shale grey soft	2825	
lime	1885	lime broken	2840	Hole
shale green soft	1890	lime	2850	caving.
lime white hard	1895	red rock	2858	
		lime	2870	Gas.
		shale	2930	
		lime	3049	
		Total Depth.		

light show gas 2932  
show of oil 2960