

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

EMPIRE OIL & REFG.  
Crawford No. 7

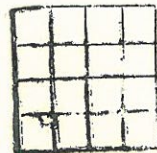
SEC. 2 T. 14 R. 15W.  
NE SW SW  
990' N 990' E of SW cor.

Total Depth. 3293  
Comm. 8-13-36 Comp. 9-21-36  
Shot or Treated.  
Contractor. Herman Trapp.  
Issued. 11-21-36

County Russell.

CASING.

20" 19'9  
15 1/2" 412' UR 592'  
12 1/2" 910'  
10" 2498'  
85/8" 3035'  
7" 3289'



Elevation.

Production. Pot. 1754 B.  
No wtr

Figures Indicate Bottom of Formations.

cellar	10	lime	2065	shale blue	3190
shale blue	110	red rock	2070	lime	3200
slate blue	170	lime	2130	red rock	3205
sand	175	red rock	2140	lime	3235
slate blue	190	lime	2145	shale	3240
sand	205	red rock	2155	lime	3260
slate white	220	lime caving 2190	2200	shale	3265
red rock	245	shale blue	2210	lime	3270
sand	260	red rock	2220	shale	3275
sdv shale	280	lime	2235	lime	3281
sand	300	shale	2245	550' oil 12 hours at	
sdv shale	360	lime	2285	3290-3291 corr.	
shale blue	440	shale	2320	sand	3282
sand	460	lime	2327	SIM corr. 3282 equals 3291	
shale blue	480	shale blue	2340	oil sand	3293
slate blue	495	lime	2350	Total Depth.	
sand	530	shale	2425	Total fill up 2820'	
red rock	578	lime	2435	Top of Gorham	3290' SIM
sand	588	shale	2450	Pen	3'
red rock	690	lime	2455	T.D.	3293
sand	700	shale blue	2485		
red rock	750	shale	2493		
sand	755	lime	2510		
red rock	898	shale blue	2525		
anhydrite	910	shale	2535		
lime	940	lime	2555		
red rock	1090	shale	2575	5 BWPHR	190-205'
shale blue	1125	lime	2595	water	245-60
red rock	1185	shale	2610	Too much to bail	280-300
shale blue	1270	lime	2615	HFW	440'-60
salt	1555	shale	2625	5 BWPHR	690-700
shale blue	1610	shale & shells	2715	1/2 BW	2935
shale grey & shells	1635	lime	2730	1 BW	3055-60
lime	1641	shale	2745	2 BW	3125-30
shale blue	1655	lime sh oil 2955	2965	1/2 BWPH	3190-95
shells & shale	1670	shale blk	2970		
red rock	1685	lime	2974		
lime	1700	shale blue	2985		
shale blue	1710	Dodge lime	3005		
lime	1720	shale red	3015		
shale grey	1760	shale blue	3020		
lime	1785	Oswald lime	3025		
shale blue	1790	Corr. S.L.M. 3025-	3035		
red rock	1820	show oil 3055-60			
lime	1835	show oil 3092			
shale blue	1857	lime	3100		
lime	1930	show oil 3125-30			
red rock	1945	shale blue	3105		
lime	1975	lime	3130		
shale grey	1980	lime sdv	3135		
lime	2040	lime hard	3140		
red rock	2045	lime	3185		

WATER RECORD.