

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

Pl.

MARATHON OIL COMPANY.  
 J.B. Mauler No. 1.

SEC. 12 T. 18 R. 16W.  
 Center SW $\frac{1}{4}$

Total Depth. 3540.  
 Comm. 11-15-35 Comp. 1-4-36.  
 Shot or Treated.  
 Contractor.  
 Issued. 1-11-36

County. Rush.

CASING.

20"	103'	85/8"	3366'
15 $\frac{1}{2}$ "	422'	7"	3508'
12 $\frac{1}{2}$ "	1017'		
10"	2410'		



Elevation. 1983

3290  
 1960  
 1277

Production, gauge  
 47,000,000 gas.

Figures Indicate Bottom of Formations.

clay yellow	65	lime	1965		
shale blue	75	shale red	1970	shale	3205
red rock	80	lime	1980	1 BW 3165-80	
shale blk	83	shale blue	1985	lime	3220
lime	90	lime	2115	shale	3225
shale blue	105	shale red	2120	shale red	3230
slate white	115	lime	2175	shale dark 1BW	3245
red rock	165	shale	2180	lime	3290
shale blue	190	shale blue	2195	lime	3330
lime	195	red rock	2200	5 BW 3325-28	
shale blue	225	lime	2220	sdv lime	3335
sdv shale	300	shale	2240	3330 equals 31 SIM	
HFW 225-300		lime	2270	lime	3415
shale blue	335	shale	2275	1 $\frac{1}{2}$ BW 3360-65	
shale blk	375	lime	2290	shale blk	3417
lime	385	shale shells	2315	slate brown	3420
shale blk	430	sand dry	2320	lime	3427
sand HFW	437	red rock	2330	lime shells and shale	3452
shale	455	lime	2335	lime	3460
sand water	485	red rock	2340	shale blue	3465
shale red	500	lime cave	2377	lime	3475
sand	535	shale dark	2400	shale red	3479
red rock	575	lime	2475	lime	3492
sand	630	shale	2480	shale Var. col	3503
shale red	635	lime	2495	lime broken	3507
red rock	650	shale	2500	sand	3540
sdv shale	660	lime	2505	Total Depth,	
shale red	845	shale	2520	Top Gas sand 3508 show	
shale	875	lime	2530	Gas.	
red rock	1010	shale	2540		
GYP	1015	shale and lime	2585		
red rock & GYP	1020	shale shells	2615	47 Million cu ft gas 3540	
anhydrite	1024	shale	2640	( no increase in last	
lime	1043	sdv shale	2650	2 feet)	
GYP	1048	show gas 2640-2650			
red rock	1080	shale	2675		
shale	1085	lime	2705		
shale red	1140	shale	2730		
shale shells	1165	lime	2765		
shale	1180	shale	2775		
shale red	1230	lime	2780		
lime	1265	shale	2785		
shale red	1350	lime	2800		
mud blue	1365	shale blk	2805		
shale blue	1395	lime	2815		
shale	1455	shale	2820		
salt	1700	lime	2825		
broken salt	1730	lime shells	2835		
shale shells	1830	lime	2855		
lime	1840	shale	2875		
shale red	1860	lime	2900		
lime	1900	shale	2910		
show gas 1880-90		lime	2915		
shale	1910	shale	2920		
1 BW 1920-30		lime	2930		
lime	1920	shale	2945		
sdv lime	1930	1/2 BW 3015-25			
shale	1935	lime	3200		

3508  
 1983  
 -1525-