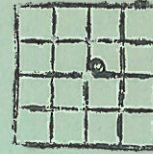


W. M. MCKNAB
Well No. 3.

SEC. 21 T. 31 R. 4E
SWc. NE

Total Depth. 3301'8"
Comm. 2-20-39 Comp. 3-16-39
Shot or Treated.
Contractor.
Issued. 3-25-39

County. Cowley



CASING:
12 $\frac{1}{2}$ " 83'
7 " 3278'

Elevation.

Production. 7161 B. Natural

Figures Indicate Bottom of Formations.

shale & shells	35	shale & lime	3258
sand	45	shale	3290
lime	78	lime	3291
shale & lime shells	185	lime, 1st oil	3292
shale & shells	285	lime	3298
lime	310	lime	3301'8"
shale & shells	430	Total Depth.	
lime	460		
shale & lime shells	620		
shale & sand	650		
shale & shells	925		
lime	930		
shale & shells	1085		
shale & lime shells	1190		
shale & shells	1259		
lime	1268		
shale	1290		
lime	1335		
shale	1340		
shale & shells	1425		
lime & sand	1490		
shale & shells	1530		
shy shale	1575		
shale & lime	1705		
shale & shells	1930		
shale shy	2035		
shale & shells	2315		
shale	2355		
lime	2360		
shale	2379		
K.C. lime, sh oil	2383		
shale	2393		
brkn lime	2400		
lime	2510		
shale	2515		
lime	2535		
shale	2545		
lime	2550		
shale & lime	2630		
lime	2695		
shale	2710		
lime	2791		
brkn lime	2811		
shale	2830		
shale & lime shells	2890		
shale	2958		
brkn lime & shale	2964		
shale	2980		
lime	3005		
chert	3017		
lime & chert	3044		
lime	3050		
shale hrd	3069		
lime	3080		
lime & shale	3091		
shale	3131		
lime	3189		
shale	3215		
lime	3220		