

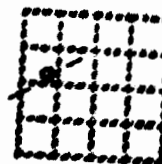
WELL LOG BUREAU - KANSAS GEOLOGICAL SOCIETY  
412 Union National Bk Bldg., Wichita, Kansas

CITIES SERVICE OIL CO.  
Mai "D" No. 1.

SEC. 19 T. 14 R. 14 W  
SE SW NW  
330'N 990'E W $\frac{1}{4}$  Cor.

Total Depth. 3255'  
Comm. 7-21-43 Comp. 8-12-43  
Shot or Treated.  
Contractor. Corbett-Barbour Drlg. Co.  
Issued. 11-13-43

County. Russell



CASING:  
8 5/8" 354' Cem.  
5 1/2" 3251' Cem.

Elevation.

Production. Dry

Figures Indicate Bottom of Formations.

surface clay	0-20	Fillup: 70' oil in 35 min
shale & sand	160	200' oil in 2 hrs
shale & red bed	290	290' oil in 9 $\frac{1}{2}$ hrs
shale & shells	354	700' oil in 24 hrs
shale, shells, sand	610	Set Lane-Wells plug at 3235; dumped 2 sacks cement on top of plug. Drilled cement to 3226
shale	830	Perf. 20 shots 3210-17
shells & shale	860	175' salt wtr in $\frac{1}{2}$ hr
anhydrite	905	900' wtr in 3 $\frac{1}{2}$ hrs
red bed, shale, shells	1125	1200' wtr in 4 $\frac{1}{4}$ hrs
shale & shells	1295	1330' wtr in 5 $\frac{1}{4}$ hrs
salt & shale	1490	Set Lane-Wells plug at 3197
shale & shells	1525	Perf. 60 shots 3160-71, trace wtr
lime shells, sdy shale	1615	Perf. 48 shots 3047-55; 4 gals. wtr per hr
lime & shale	1755	After 2000 Gals. (8-21-43) and 5000 Gals. (8-24-43)
shale & shells	1775	3047-55, swbd 3 oil, 61 wtr, 24 hrs. Squeezed 3047-55
lime	1855	w/150 sx cement. Drld bridge plug at 3197 & squeezed
lime & sand	1920	w/50 sx cement, 48 sx thru perforations 3160-71 and
lime & shale	1975	3210-17
lime & strk iron	1989	Drld cement & cleared out to 3255 T.D., hole filled 560'
lime	1995	to 1000' (450') oil in 8 hrs. After 1000 Gals. 3251-55
sand & lime	2030	9-16-43 pmpd 18 oil, 350 wtr, 19 hrs
lime & shale	2230	
shale & shells	2545	
sdv lime	2585	
shale	2623	
lime & shale	2655	
shale & shells	2775	
lime	2885	
lime brkn	2965	
lime	3254	
3254 Rot. TD = 3251 SIM		
dolomite & sand	3255	
Total Depth.		

Corr. Top Arbuckle 3250  
Penetration 5