

21-16-23W

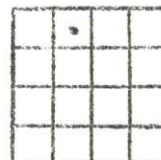
WELL LOG BUREAU - KANSAS GEOLOGICAL SOCIETY  
508 East Murdock, Wichita, Kansas

Company- CITIES SERVICE OIL CO.  
Farm- Kraus "A" No. 1

SEC. 21 T. 16 R. 23W  
CN/2 S/2 NE NW  
810' FNL & 1980' FWL

Total Depth. 4477' PB 4464'  
Comm. 8-25-65 Comp. 9-6-65  
Shot or Treated.  
Contractor. Peel Brothers, Inc.  
Issued. 4-23-66

County Ness KANSAS



Elevation. 2480' DF

Production. Pmp 7 BOPD & 233 BHPD

CASING:

8 5/8" 370' w/200 sx cem.  
4 1/2" 4475' w/100 sx cem.

Figures Indicate Bottom of Formations.

clay, surface soil	0-100
shale, shells	375
shale, shells, sand	940
shale, shells	1813
anhydrite	1849
shale, shells	2100
lime, shale	2750
lime	2895
lime, shale	3867
lime	4446
lime, chert	4476 RTD
Total Depth PB	4464

TOPS: SCHLUMBERGER

Topeka	3564
Heebner	3841
Toronto	3857
Lansing	3876
B.Kansas City	4153
Pawnee	4263
Ft. Scott	4353
Cherokee	4375
Er. Mississippi	4437
Mississippi Warsaw	4444

Pen Miss. (Warsaw) 33

Perf; 15 shots 4449-54'  
Acidized 4449-54' w/250 gals.