

6-20-21W

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

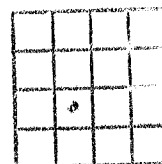
Company- CITIES SERVICE OIL COMPANY
Farm- O'Brien "A" No. 5

SEC. 6 T. 20 R. 21W
150' S/C NE SW
1980' from WL & 1830' from S.

Total Depth. 4397'
Comm. 10-30-64 Comp. 11-11-64
Shot or Treated. Mississippian 21 shots 4373-4380' 250 gals.
Contractor. Peel Bros.
Issued. 3-27-65

County Ness

KANSAS



Elevation. 2245' KB

Production. 156 BOPD, Tr Wtr.

CASING:

8 5/8" @ 510' cem w/300 sx
4 1 1/4" @ 4393' cem w/100 sx

Figures Indicate Bottom of Formations.

clay, shale & lime	200
shale, sand & shells	512
shale & shells	817
sand & shale	895
sand	1100
shale, sand & shells	1450
shale	1469
anhydrite	1502
shale & shells	1885
shale & lime	2425
lime	2735
lime & shale	2970
lime & shale	3245
lime	4205
lime, cherty	4240
lime, chert & shale	4290
lime	4304
lime, shale & sand	4350
lime & chert	4384
lime	4394
Total Depth	4397

TOPS: Log	
Heebner	3745
Toronto	3766
Lansing	3791
Base Kansas City	4115
Pawnee	4213
Fort Scott	4292
Cherokee	4315
Conglomerate	4353
Mississippi (Osage)	4372