

33-23-23W

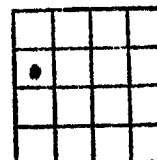
WELL LOG BUREAU—KANSAS GEOLOGICAL SOCIETY
 508 East Murdock, Wichita, Kansas

Company- NATIONAL COOPERATIVE REFINERY ASSOC.
 Farm- Lappin No. 1

SEC. 33 T. 23 R. 23W
 C SW NW

Total Depth. 4803'
 Comm. 7-19-62 Comp. 8-12-62
 Shot or Treated.
 Contractor. Prime Drilling Company
 Issued. 12-1-62

County Hodgeman
 KANSAS



CASING:
 8 5/8" 515' cem w/300 sx.
 5 1/2" 4801' cem w/225 sx.

Elevation. 2429' KB

Production. 166 BOPD, NW

Figures indicate Bottom of Formations.

clay	70
clay, shale	515
shale, shell	600
red bed	930
anhydrite	960
red bed, shale	1600
sand, shale	1810
shale	2130
shale, lime	2538
lime, shale	2680
lime	3025
lime, shale	3165
lime, shale, w/chalk	3290
lime, shale	3620
shale, lime	3737
lime, shale w/chalk	3762
lime	3955
lime w/chalk	4075
lime	4131
lime, w/chalk	4135
lime	4480
lime, shale	4503
lime	4600
lime, shale	4620
lime	4661
lime, shale	4757
lime	4803 RTD
Total Depth	

TOPS: SAMPLE

Heebner	3965
Toronto	3980
Lansing	4022
Base Kansas City	4422
Cherokee	4567
Conglomerate	4643
Mississippi	4665
Mississippi Warsaw	4670
Mississippi Osage	4760