

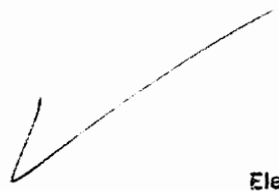
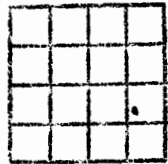
WELL LOG BUREAU—KANSAS GEOLOGICAL SOCIETY
508 East Murdock, Wichita, Kansas

Company- ROYAL OIL CO., INC.
Farm- Bowman No. 4

SEC. 13 T. 35 R. 2E
SW NE SE

Total Depth. 3599'
Comm. 2-6-55 Comp. 2-16-55
Shot or Treated.
Contractor. TexOkon Drlg. Co.
Issued. 4-9-55

County Sumner KANSAS



Elevation. 1189' DF

Production. 25 BO

CASING:

8 5/8" 115' cem w/125 SX
5 1/2" 3230' cem w/125 SX

Figures indicate Bottom of Formations

cellar	4
shale & lime	131
lime, shale & redbed	415
shale & lime	1265
lime, sand & shale	1493
shale & lime	2315
shale, lime & sand	2535
shale & lime	2730
lime, shale & sand	2955
sandy lime & shale	3020
shale & lime	3066
lime	3134
shale & sand	3163
Coring	3175
sandy shale	3225
lime	3305
lime & shale	3380
lime	3420
shale, lime & sand	3555
shale & lime	3599
Total Depth	

Tops: R.B.	
Layton	2833
Lower Layton	3021
Kansas City	3066
Base Kansas City	3132
Cleveland Zone	3142
Cleveland Sand	3162
Base Cleveland Sand	3171
Big Lime	3225
Oswego	3255
Bartlesville Zone	3510
Mississippi Chat	3574