

23-34-9W

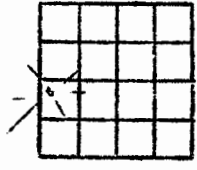
WELL LOG BUREAU—KANSAS GEOLOGICAL SOCIETY  
508 East Murdock, Wichita, Kansas

Company- WM. GRUENERWALD  
Farm- Hibbard No. 1

SEC. 23 T. 34 R. 9W  
NW NW SW

Total Depth. 5055  
Comm. 3-28-57 Comp. 4-21-57  
Shot or Treated.  
Contractor. Graham-Michaelis Drilling Co.  
Issued. 7-13-57

County Harper  
KANSAS



Elevation. 1290  
Production. 5,000,000 CFGPD

CASING:

8 5/8 @ 238' w/ 175 sx cmt.  
5 1/2 @ 4694' w/ 150 sx cmt.

Figures indicate Bottom of Formations.

shale	200
shale & shells	239
shale; shells & red bed	1090
shale, lime & shells	1330
anhydrite	1345
shale & anhydrite streaks	1616
shale & lime	2105
shale, lime & shells	2208
shale	2405
lime & shale	3245
sand, shale & lime	3395
lime & shale	3546
shale	3596
lime & shale	3785
sand & shale	3885
lime	3945
lime & shale	4113
lime	4269
lime & shale	4321
lime	4399
lime & shale	4463
lime	4524
lime & shale	4580
chert & lime	4620
cherty lime & shale	4641
chert & lime	4675
cherty lime	4748
cherty lime & shale	4778
chert & lime	4828
lime & shale	4945
lime, shale & chert	4984
Viola	5000
cherty lime & shale	5036
sand, lime & shale	5042
sand	5055
Total Depth	

SCOUT TOPS:

Elgin zone	3248
Elgin sand	3258
Heebner	3460
Toronto	3478

Douglas shale	3499
Stalnaker	3787
Kansas City	4063
Marmaton	4350
Mississippi	4567
Kinderhook	4862
Viola	4944
Simpson	5020

