

13-31-9W

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

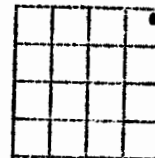
Company - DRILLERS GAS COMPANY  
Farm - Grabs No. 1

SEC. 13 T. 31 R. 9W  
NE NE NE

Total Depth. 4446 PB 4414  
Comm. 9-13-49 Comp. 10-1-49  
Shot or Treated.  
Contractor. Beardmore Drlg. Co.  
Issued. 12-17-49

County. Harper

KANSAS



Elevation. 1638 <sup>ft.</sup>

CASING:

10" 262' cem w/125 sx.  
7" 4401' cem w/125 sx.

Production. Pot. 32 bbls.

Figures Indicate Bottom of Formations.

|                  |         |
|------------------|---------|
| soil sdy         | 15      |
| sand             | 150     |
| shale, red bed   | 262     |
| red rock, shale  | 750     |
| shale, shells    | 1060    |
| salt             | 1140    |
| lime, shale      | 3090    |
| lime             | 3260    |
| lime, shale      | 3640    |
| lime brkn        | 3735    |
| lime             | 3740    |
| lime, shale      | 4000    |
| lime             | 4030    |
| lime, shale      | 4398    |
| Mississippi chat | 4446    |
| Total Depth      | PB 4414 |

Tops: R.D.F.

Lansing 3631  
Mississippi 4395

Swab 1 1/2 BOPH, Plug back to 4414  
Run Hydrafract Job. Swb 4 BOPH.