

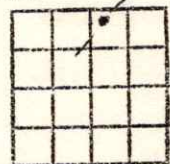
12-16-23W

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

Company. WELCH & OLSSON DRILLING CO., INC. SEC. 12 T. 16 R. 23W  
Farm- Turner No. 1 NW NW NE

Total Depth. 4830  
Comm. 6-25-55 Comp. 7-9-55  
Shot or Treated.  
Contractor. Welch & Olsson Drilling Co., Inc.  
Issued. 8-27-55

County Ness KANSAS



Elevation. 2374 RB

Production. Dry

8 5/8 CASING: 269.20' w/ 200 sx cmt.

Figures Indicate Bottom of Formations.

|                       |      |
|-----------------------|------|
| surface soil          | 115  |
| sand & shale          | 263  |
| shale                 | 650  |
| sand                  | 760  |
| shale & red bed       | 950  |
| sand                  | 1010 |
| red bed               | 1165 |
| anhydrite             | 1585 |
| shale & shells        | 2360 |
| shale & lime          | 2470 |
| lime                  | 2485 |
| lime & shale          | 2620 |
| shale w/ lime streaks | 2710 |
| shale & lime          | 3035 |
| shale & shells        | 3313 |
| shale & lime          | 3445 |
| lime                  | 4330 |
| shale & lime          | 4340 |
| chert                 | 4368 |
| chert & lime          | 4550 |
| lime & chert w/ shale | 4585 |
| chert & lime          | 4645 |
| chert                 | 4726 |
| lime & chert          | 4777 |
| chert                 | 4830 |
| Total Depth           |      |

|                |      |
|----------------|------|
| TOPS:          |      |
| Heebner        | 3731 |
| Lansing-KC     | 3768 |
| Base KC        | 4049 |
| Cherokee shale | 4221 |
| Mississippian  | 4334 |
| Viola          | 4509 |
| Arbuckle       | 4730 |