

WELL LOG BUREAU -- KANSAS GEOLOGICAL SOCIETY  
Wichita, Kansas

Company - SHIELDS & ANSCHUTZ  
Farm - City of Russell No. 1

SEC. 26 T. 13 R. 14W  
NE SE SE

Total Depth. 3313  
Comm. 9-4-49  
Shot or Treated.  
Contractor.  
Issued. 11-19-49

Comp. 10-26-49

County. Russell  
KANSAS



CASING:  
12" set @ 480' P 7" set @ 2823' P  
10" set @ 835' P 5" set @ 3275' P  
8" set @ 2433' P

Elevation. 1830 *2nd*

Production. Dry

Figures Indicate Bottom of Formations.

|               |      |                  |      |                                   |
|---------------|------|------------------|------|-----------------------------------|
| Cellar        | 10   | Lime             | 1850 | 1 blr. wtr 3035-58                |
| Post rock     | 12   | Slate            | 1860 | Lime 3205                         |
| Yellow clay   | 35   | Show gas 1870    |      | Slate 3217                        |
| Slate         | 50   | Lime             | 1920 | 1 1/2 blr. wtr 3217-25            |
| Shale         | 215  | Slate            | 1925 | Lime 3265                         |
| Red rock      | 235  | Broken lime      | 1970 | Sandy shale 3270                  |
| Slate         | 245  | Lime             | 1995 | Shale 3273                        |
| Red rock      | 295  | Red rock         | 2000 | Lime 3276                         |
| Slate         | 325  | Red rock         | 2025 | Penn. basal Congl 3284            |
| Sand          | 395  | Lime             | 2060 | Sub-Ang. qz.ss. 3297              |
| 5 blrs. wtr.  |      | Red rock         | 2070 | Congl. chert & reworked mat. 3313 |
| Slate         | 400  | Lime             | 2145 |                                   |
| Sand          | 410  | Red rock         | 2155 |                                   |
| 10 blrs. wtr. |      | Lime             | 2170 | Total Depth                       |
| Slate         | 435  | Slate            | 2173 |                                   |
| Sand          | 445  | Broken lime      | 2190 | FORMATION TOPS                    |
| HFV           |      | Lime             | 2220 |                                   |
| Slate         | 480  | Slate            | 2230 | Topeka 2704                       |
| Red rock      | 827  | Broken lime      | 2260 | Heebner 2933                      |
| Anhydrite     | 867  | Lime             | 2275 | Leavenworth 2937                  |
| Red rock      | 950  | Slate            | 2280 | Dodge 2955                        |
| Slate         | 960  | Lime             | 2300 | Lans-K.C. 2994                    |
| Red rock      | 1015 | Slate            | 2320 | Wh. K.C. ls. 3016                 |
| Slate         | 1055 | Broken lime      | 2324 | Congl. 3276                       |
| Red rock      | 1105 | Red rock         | 2347 | No Arbuckle                       |
| Slate         | 1167 | Lime             | 2355 |                                   |
| Salt          | 1190 | Broken lime      | 2400 |                                   |
| Slate         | 1210 | Slate            | 2430 |                                   |
| Salt          | 1470 | Lime             | 2450 |                                   |
| Lime          | 1510 | Slate            | 2490 |                                   |
| Slate         | 1520 | Lime             | 2530 |                                   |
| Lime          | 1525 | Broken lime      | 2595 |                                   |
| Slate         | 1530 | Slate            | 2625 |                                   |
| Lime          | 1545 | Broken lime      | 2635 |                                   |
| Slate         | 1555 | Howard lime      | 2660 |                                   |
| Lime          | 1565 | Slate            | 2678 |                                   |
| Slate         | 1570 | Lime             | 2685 |                                   |
| Lime          | 1590 | Shale            | 2704 |                                   |
| Slate         | 1605 | Topeka lime      | 2933 |                                   |
| Lime          | 1645 | Heebner shale    | 2947 |                                   |
| Broken lime   | 1680 | Leavenworth lime | 2948 |                                   |
| Lime          | 1700 | Shale            | 2955 |                                   |
| Red rock      | 1725 | Dodge lime       | 2975 |                                   |
| Lime          | 1750 | V.C. slate       | 2980 |                                   |
| Broken lime   | 1760 | Slate            | 2994 |                                   |
| 1/2 blr. wtr. |      | Lansing-K.C.     | 3010 |                                   |
| Lime          | 1775 | Slate            | 3016 |                                   |
| Slate         | 1780 | KS lime          | 3035 |                                   |
|               |      | Lime             | 3038 |                                   |

|                         |      |              |      |
|-------------------------|------|--------------|------|
| Broken lime             | 1760 | Slate        | 2994 |
| $\frac{1}{2}$ blr. wtr. |      | Lansing-K.C. | 3010 |
| Lime                    | 1775 | Slate        | 3016 |
| Slate                   | 1780 | KS lime      | 3035 |
|                         |      | Lime         | 3038 |