

17-22-23E.

## WELL LOG

#1 Charles Shaw, Section 17-22-23, Linn County, Kansas,  
Drilling completed May 14, 1928.

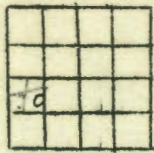
| Formation   | Thickness | Total Depth |             |
|-------------|-----------|-------------|-------------|
| Soil        | 1         | 1           |             |
| Lime        | 5         | 6           |             |
| Shelly Lime | 10        | 16          | Sand Gas    |
| Shale       | 5         | 21          |             |
| Lime        | 5         | 26          |             |
| Shale       | 15        | 41          |             |
| Sand        | 14        | 55          | Water       |
| Shale       | 120       | 175         |             |
| Shale, red  | 5         | 180         |             |
| Shale       | 5         | 185         |             |
| Shale, red  | 5         | 190         |             |
| Lime shells | 25        | 215         |             |
| Lime        | 10        | 225         |             |
| Shale       | 10        | 235         | gas bubbles |
| Sand        | 10        | 245         |             |
| Shale       | 35        | 280         | gas bubbles |
| Lime        | 35        | 315         |             |
| Shale       | 35        | 350         | water       |
| Lime        | 26        | 376         |             |
| Shale       | 7         | 383         |             |
| Lime        | 2         | 385         | steel line  |
| Shale       | 261       | 646         |             |
| Sand        | 26        | 672         | Gas         |

Packer set at 645  
Cage 667  
Vol. in 2" tubing 3.8" merc.  
Pressure by Thomas, 177 $\frac{1}{2}$

8 $\frac{1}{4}$ " drive pipe 5 feet  
6 $\frac{3}{4}$ " casing, 616 " Drawn  
2" tubing 672 feet.



Location N $\frac{1}{2}$  SW $\frac{1}{4}$  350' 5L  
500' WL



Sec. 17, T. 22, R. 23<sup>E</sup>

Farm Shaw No. 1 County Linn

Company Felder & Rich

Commenced \_\_\_\_\_ Completed \_\_\_\_\_

Elevation 931 T.D. 672 I. P. \_\_\_\_\_

PLOTTED LOG ONLY