

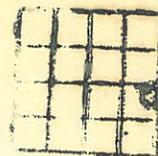
WELL LOG BUREAU - KANSAS GEOLOGICAL SOCIETY.
 Union National Bk Bldg, Wichita, Kansas.

PHILLIPS PETROLEUM CORP.
 Krampe No. 11.

SEC 31 T. 19 R. 10W.
 NEc SE
 330' S of N.L., 330' W of EL SE $\frac{1}{4}$

Total Depth. 3285
 Comm. 5-12-36 Comp. 6-1-36.
 Shot or Treated.
 Contradtor. Manning & Martin.
 Issued. 7-25-36 Rotary 0 to 3274
 Cable 3274-3285

County. Rice.



Elevation.

CASING.

12 $\frac{1}{2}$ " 195' 7" 3272'

Production. 1686 B. in 24
 hours on pump.

Figures Indicate Bottom of Formations.

| | |
|---------------------------|------|
| sand | 60 |
| lime sholls | 195 |
| red beds and shale sholls | 832 |
| shale sholls and salt | 1095 |
| shale and sholls | 1206 |
| shale and broken lime | 1328 |
| shale and lime sholls | 1447 |
| shale and sholls | 1580 |
| lime | 1600 |
| shale and broken lime | 1671 |
| shale | 1700 |
| broken lime | 1825 |
| shale | 2395 |
| shale and sholls | 2500 |
| shale and lime | 2564 |
| shale and lime sholls | 2674 |
| lime | 2950 |
| broken lime and shale | 3015 |
| lime | 3272 |
| chat | 3273 |
| siliceous lime | 3285 |
| Total Depth. | |

3275
 1788

 1487