

35-10-23E  
L. Harwood

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

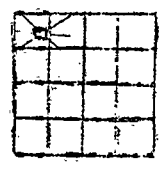
MESSLER ET AL.  
Jaccard No. 4.

SEC, 35 T. 10 R. 23E.  
CEL NW NW  
820' E. 780' S of NW cor.

Total Depth, 496  
Comm. 7-15-30 Comp. 7-22-30  
Shot or Treated,  
Contractor,  
Issued. 5-4-35.

MAY 4 1935

County, Wyandotte.



CASING.

8 1/2" 33'

Elevation. 929 (941 Ref's U.S. ti)

Production: Gas. - 1, 100, and est.  
200 lb R.P.

Figures Indicate Bottom of Formations.

|             |            |               |               |
|-------------|------------|---------------|---------------|
| soil        | 6          | sand          | 345 wtr       |
| shale blk   | 9          | shale sdy     | 360           |
| lime        | 13         | shale grey    | 398           |
| shale grey  | 32         | sand          | 411 gas.      |
| lime sdy    | 52         | red rock      | 415           |
| shale grey  | 57         | sand          | 422           |
| lime        | 73         | shale grey    | 439           |
| shale grey  | 80         | sand          | 449 gas + wtr |
| lime        | 86         | shale sdy wtr | 460 bubbles   |
| shale grey  | 109        | sand          | 465           |
| lime        | 140        | lime          | 470           |
| slate       | 145        | shale blk     | 471           |
| lime        | 153        | shale         | 475           |
| slate       | 162        | lime broken   | 480           |
| lime        | 175        | lime          | 487           |
| shale blk   | 176        | sand          | 496           |
| shale grey  | 179        | Gas T.D.      |               |
| lime        | 194        |               |               |
| shale grey  | 212        |               |               |
| lime        | 215        |               |               |
| lime sdy    | 220        |               |               |
| shale sdy   | 225        |               |               |
| sand        | 228 gas    |               |               |
| lime        | 252        |               |               |
| shale dark  | 260 wtr    |               |               |
| lime        | 277        |               |               |
| shale blk   | 280 gas    |               |               |
| lime        | 289        |               |               |
| sand        | 291 wtr    |               |               |
| lime        | 298 Hertha |               |               |
| shale green | 305        |               |               |
| sand        | 310 gas    |               |               |
| shale sdy   | 325        |               |               |
| shale grey  | 336        |               |               |
| sand        | 340 gas    |               |               |

Broken for 44'

Open