

66C

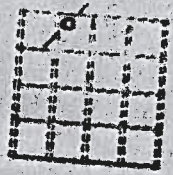
3-14-21E

R. F. DUFFENS  
R.E. Stanley No. 1.

SEC. 3 T. 14 R. 21E  
NW NE NW

Total Depth. 2503'  
Comm. 12-18-40 Comp. 7-20-41  
Shot or Treated.  
Contractor.  
Issued. 9-13-41

County. Douglas



CASING:

6 5/8" 1089'  
5 3/16" 1903'

Elevation. 931.5  
Elev. is also given as 948  
Production. Dry

Figures Indicate Bottom of Formations.

|                       |         |                         |             |
|-----------------------|---------|-------------------------|-------------|
| soil                  | 6       | dolomite & chert        | 1257        |
| clay                  | 15      | lime                    | 1276        |
| sand, wtr             | 27      | lime cherty             | 1345        |
| shale                 | 45      | lime                    | 1494 K      |
| lime                  | 68      | Kinderhook              | 1555 V      |
| shale                 | 74      | lime                    | 1620 S. ?   |
| lime                  | 81      | sdv lime                | 1663 St. P. |
| shale                 | 91      | sand Wilcox             | 1716 A      |
| lime                  | 112     | no wtr-oil smell        |             |
| shale                 | 140     | dolomite & chert        | 1724        |
| lime                  | 154     | dolomite                | 1736        |
| shale                 | 203     | dolomite & chert        | 1750        |
| lime                  | 214     | dolomite & sand         | 1773        |
| shale                 | 225     | dolomite sdv            | 1823        |
| lime                  | 243     | shale                   | 1825        |
| shale                 | 261     | dolomite & sand silty   | 1843        |
| lime                  | 274     | sh gas 1830-34          |             |
| shale                 | 277     | shale                   | 1845        |
| shale blk             | 280     | dolomite                | 1856        |
| shale                 | 313     | shale                   | 1859        |
| lime                  | 343     | oil smell 1860          |             |
| shale                 | 350     | dolomite                | 1896        |
| lime                  | 374 BKC | shale                   | 1898        |
| shale                 | 527     | dolomite                | 1947        |
| redrock               | 536     | shale sdv               | 1955        |
| shale                 | 563     | shale blk - crevice     | 1957        |
| lime                  | 568     | dolomite                | 1992        |
| shale                 | 572     | shale - crevice         | 1993        |
| sand 1/4 BWPH         | 577     | dolomite                | 2076        |
| shale                 | 581     | shale - crevices        | 2078        |
| lime                  | 592     | dolomite                | 2103        |
| shale                 | 606     | shale - crevices        | 2105        |
| lime                  | 609     | dolomite                | 2150        |
| shale 1/4 BWPH        | 614     | dolomite sand pyrites   | 2226        |
| lime                  | 630     | shale                   | 2228        |
| shale                 | 634     | dolomite dark           | 2348        |
| reduced hole 4 7/8    | 648     | dolomite gy             | 2354        |
| red rock              | 639     | dolomite brown          | 2360        |
| shale                 | 673     | dolomite blk silty      | 2364        |
| sdv shale-sh oil      | 675     | dolomite blk fine silty | 2405        |
| shale                 | 712     | dolomite gy             | 2415        |
| shale                 | 715     | dolomite                | 2416        |
| straight reamed 747   |         | dolomite silty          | 2423        |
| shale - sh oil        | 747     | dolomite fine sdv       | 2428        |
| shale                 | 772     | dolomite coarse         | 2447        |
| lime sdv              | 776     | shale green             | 2450        |
| red rock              | 782     | sand coarse some dolo-  |             |
| shale                 | 930     | mite                    | 2463        |
| shale sdv             | 935     | granite                 | 2503        |
| sand (wtr 944)        | 953     | Total Depth.            |             |
| sdv lime              | 962     |                         |             |
| shale (Top Miss. SLM) | 1075 M  |                         |             |
| flint                 | 1081    |                         |             |
| lime                  | 1107    |                         |             |
| dolomite              | 1117    |                         |             |
| lime                  | 1121    |                         |             |
| dolomite              | 1145    |                         |             |
| lime                  | 1251    |                         |             |

R 978 FG

over, for  
Tops picked from  
samples - Survey  
Missouri Survey  
Record

Tops: Miss. lime 1075 SLM  
Kookuk - Burlington 1175



3-145-21E

MISSOURI GEOLOGICAL SURVEY AND WATER RESOURCES - ROLLA, MO.

COUNTY Douglas (Kansas) LOG NUMBER 7030  
 COMPANY OR OWNER R. F. Duffens, et al.  
 FARM Stanley WELL NO. 1  
 LOCATION SEC. 3 T. 14S R. 21E  
 CONTRACTOR Reinholt & Edwards  
 DRILLER TOOL DR.  
 COMMENCED July 12, 1941  
 PRODUCTION D & A PLOTTED Yes  
 SOURCE OF LOG 502 samples  
 REMARKS

| FORMATION                      | THICK | DEPTH |
|--------------------------------|-------|-------|
| Lansing                        | 200   | 200   |
| Kansas City                    | 192   | 392   |
| Elmwood                        | 138   | 530   |
| Humboldt                       | 135   | 665   |
| Cherokee                       | 410   | 1075  |
| St. Louis                      | 25    | 1100  |
| Spongen-Waraw                  | 50    | 1150  |
| Waraw                          | 65    | 1215  |
| Rocky-Burlington               | 105   | 1320  |
| Chouteau                       | 116   | 1436  |
| Hinderhook                     | 57    | 1493  |
| Devonian ?                     | 2     | 1555  |
| Manawick & reworked older beds | 80    | 1635  |
| Plattin-Decora                 | 28    | 1663  |
| St. Peter                      | 51    | 1714  |
| Jefferson City                 | 136   | 1850  |
| St. Louis                      | 136   | 1986  |
| Cassade-Van Duren              | 200   | 2186  |
| Gunter                         | 15    | 2200  |
| Emmons                         | 155   | 2355  |
| Potomac                        | 35    | 2390  |
| Beaumont                       | 73    | 2463  |
| Pre-Cambrian quartzite         | 40    | 2503  |