

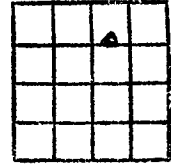
WELL LOG BUREAU—KANSAS GEOLOGICAL SOCIETY
 508 East Murdock, Wichita, Kansas

Company- GEORGE R. MCNEISH OIL OPERATIONS
 Farm- North Vernon Unit No. 1 - I

SEC. 15 T. 35 R. 2E
 S/2 NW NE

Total Depth. 3456'
 Comm. 9-18-63 Comp. 9-28-63
 Shot or Treated.
 Contractor. Watson Drlg. Co.
 Issued. 11-16-63

County Sumner
 KANSAS



Elevation. 1166' KB

Production. Input Well

CASING:

8 5/8" 210' cem w/ 145 sx
 5 1/2" 3248' cem w/ 140 sx

Figures Indicate Bottom of Formations.

| | |
|----------------------|------|
| surface clay | 55 |
| lime & shale | 620 |
| lime | 705 |
| sandy lime | 745 |
| shale & lime | 1165 |
| shale & shells | 1347 |
| lime & shale | 1365 |
| shale | 1640 |
| lime & shale | 1935 |
| shale & sand streaks | 1990 |
| lime | 2004 |
| shale & sand | 2055 |
| shale & sand streaks | 2092 |
| lime | 2111 |
| sand streaks, shale | 2165 |
| lime & shale | 2173 |
| shale & sand streaks | 2308 |
| lime | 2317 |
| sand & shale | 2440 |
| shale | 2754 |
| lime & shale | 2785 |
| sand & shale | 2845 |
| sand | 2862 |
| shale | 2883 |
| Lower Layton | 2910 |
| shale | 2999 |
| lime | 3085 |
| sand & shale | 3155 |
| lime | 3283 |
| shale | 3340 |
| shale & lime | 3350 |
| sand & shale | 3415 |
| Core #1 | 3456 |
| Total Depth | |

TOPS: LOG

| | |
|--------------|------|
| Layton | 2777 |
| Kansas City | 3002 |
| Marmaton | 3160 |
| Bartlesville | 3412 |
| Mississippi | 3452 |