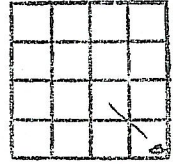


WELL LOG BUREAU—KANSAS GEOLOGICAL SOCIETY
 508 East Murdock, Wichita, Kansas

Company- CHIEF DRILLING, SUNRAY MID-CONTINENT, ETAL SEC. 2 T. 24 R. 17W
 Farm- Millhouse No. 1 SE SE SE

Total Depth. 4408'
 Comm. 10-17-58 Comp. 11-1-58
 Shot or Treated.
 Contractor. Chief Drilling Co. Inc.
 Issued. 11-29-58

County Edwards
 KANSAS



Elevation. 2092 DF

Production. Dry

CASING:

8 5/8" 270' w/175 sx. cem.

Figures indicate Bottom of Formations.

| | |
|--------------------------|------|
| surface soil, clay, sand | 50 |
| sand, shale and shells | 270 |
| shale and shells | 395 |
| shale and red bed | 600 |
| sand | 660 |
| shale and shells | 1103 |
| anhydrite | 1125 |
| shale and shells | 1900 |
| shale and lime | 2055 |
| lime | 2170 |
| lime and shale | 2765 |
| Iron, shale and shells | 2880 |
| shale and shells | 3485 |
| lime and shale | 3765 |
| lime | 4230 |
| lime and shale | 4269 |
| chert | 4280 |
| Mississippi | 4297 |
| chert | 4312 |
| lime | 4408 |
| Total Depth | |

| FORMATION | TOPS | WELEX ELECTRIC |
|-----------------|------|----------------|
| Heebner- | 3693 | - - |
| Brown Lime | 3818 | - - |
| Lansing | 3826 | - - |
| Cherokee Sand | 4245 | 4255 |
| Mississippi | 4269 | 4270 |
| Kinderhook Sand | 4322 | 4332 |
| Viola | 4366 | - - |

DST #1 Depth 4271-4280. Tool open 1 hr. shut in 30 minutes. Good blow throughout. Recovered 25' slightly gas cut mud, no shows. IFP 28#. FFP 32#. IBHP 1015#/30. FBHP 47#/30.

DST # 2 Depth 4280-4297. Tool open 1 hr. Blow: Good throughout. Recovered 43' slightly gas cut mud with slight scum of oil. IFP 40#. IBHP 1410#/20. FBHP 264#/30.