

KANSAS GEOLOGICAL SOCIETY  
KANSAS WELL LOG BUREAU - KANSAS WELL SAMPLE BUREAU  
KANSAS GEOLOGICAL SOCIETY BUILDING  
508 EAST MURDOCK - WICHITA, KANSAS

19-13-16W

COMPANY **NEWMAN'S, INC.**

SEC. 19 T. 13 R. 16W  
LOC. S/2 NE NW

FARM **Geist**

NO. **1**

TOTAL DEPTH **3320**

COMM. **4-1-67**

COMP. **4-6-67**

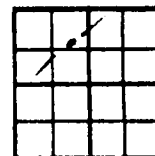
SHOT OR TREATED

CONTRACTOR **B & B Drlg.**

ISSUED **5-13-67**

COUNTY **Ellis**

KANSAS



CASINO

|    |     |                 |
|----|-----|-----------------|
| 20 | 10  |                 |
| 15 | 8 " | @ 277' w/150 sx |
| 12 | 6   |                 |
| 13 | 5   |                 |

ELEVATION **1994' KB**

PRODUCTION **DRY/LANS KO**

FIGURES INDICATE BOTTOM OF FORMATIONS

|      |      |                     |              |
|------|------|---------------------|--------------|
| 0    | 60   | Soil Sand & Clay    |              |
| 60   | 244  | Clay Shale & Shells |              |
| 244  | 520  | Shale Sand & Shells |              |
| 520  | 780  | Sand & Shale        |              |
| 780  | 1055 | Shale               |              |
| 1055 | 1130 | Shale               |              |
| 1130 | 1182 | Anhydrite           |              |
| 1182 | 1425 | Shale & Lime        |              |
| 1425 | 1860 | Shale & Lime        |              |
| 1860 | 2100 | Shale & Lime        |              |
| 2100 | 2223 | Lime                | Heebner 3213 |
| 2223 | 2410 | Lime & Shale        | Toronto 3257 |
| 2410 | 2705 | Shale & Lime        | Lansing 3284 |
| 2705 | 3170 | Lime & Shale        |              |
| 3170 | 3239 | Lime & Shale        |              |
| 3239 | 3320 | Lime                |              |
| 3320 |      | Total Depth         | D & A        |

TCES: SAMPLE

|            |      |
|------------|------|
| *Anhydrite | 1130 |
| Topeka     | 3017 |
| Heebner    | 3233 |
| Toronto    | 3257 |
| Lansing    | 3284 |

We certify the above and foregoing to be true and correct copy of the log on the #1 Geist, located in Ellis County Kansas.

B & B DRILLING INC.

Bill Lakas President

Alma A. Neises Notary Public

Subscribed and sworn to before me this 10th day of April, 1967.  
My commission expires May 31, 1970