

12-21-23 W

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

COMPANY **BEARDMORE DRILLING**

SEC. 12 T. 21 R. 23W

FARM **Hays**

NO. 1

LOG. C NW SE

TOTAL DEPTH **4462'**

COMM. 10-9-67

COMP. 10-21-67

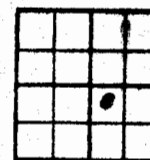
SHOT OR TREATED

CONTRACTOR **Rains & Williamson**

ISSUED 2-17-68

COUNTY **Hodgeman**

KANSAS



CASING

|    |              |               |
|----|--------------|---------------|
| 20 | 10           |               |
| 15 | 8 5/8" 404'  | cem w/ 225 Sx |
| 12 | 6            |               |
| 13 | 5 1/2" 4448' | cem w/ 75 sx  |

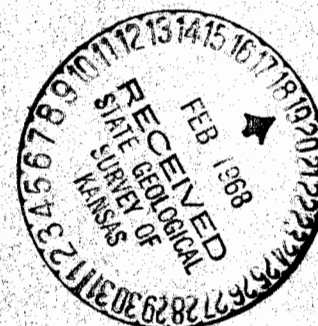
ELEVATION **2280' KB**

PRODUCTION **136 BOPD & 2% W**  
**Miss 4448-52 Grav 36**

FIGURES INDICATE BOTTOM OF FORMATIONS

**Formations**

|                        |       |
|------------------------|-------|
| Surface soil and Shale | 406'  |
| Shale and Red Bed      | 820'  |
| Shale                  | 849'  |
| Anhydrite (Blaine)     | 854'  |
| Shale                  | 935'  |
| Sand                   | 1145' |
| Shale                  | 1474' |
| Anhydrite              | 1522' |
| Shale                  | 2040' |
| Shale & Shells         | 2220' |
| Shale & Lime           | 2310' |
| Lime and Shale         | 4015' |
| Lime                   | 4440' |
| Lime W/Chert           | 4447' |
| Cherty Lime            | 4462' |
| Rotary Total Depth     | 4462' |



We certify the above log is true and correct to the best of our knowledge and belief.

**Formation Tops:**

|                        |      |
|------------------------|------|
| Blaine                 | 849  |
| Stone Corral anhydrite | 1474 |
| Heebner                | 3766 |
| nsing                  | 3816 |
| ase Kansas City        | 4148 |
| Pawnee lime            | 4267 |
| Fort Scott lime        | 4335 |
| Cherokee shale         | 4358 |
| Mississippian-Warsaw   | 4422 |
| Mississippian-Osage    | 4444 |
| Total Depth            | 4462 |