

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

27-5-27W

COMPANY **BURCH EXPLORATION, INC.**

SEC. 27 T. 5 R. 27W
 LOC. N/2 NW NE

FARM Feeley NO. 4

COUNTY Decatur

TOTAL DEPTH 3925

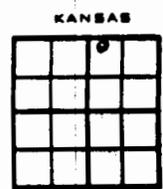
COMM. 1-11-67

COMP. 3-28-68

SHOT OR TREATED

CONTRACTOR **Abercrombie Drlg.**

ISSUED 4-20-68



CASING

| | | |
|----|--------|------------------|
| 20 | 10 | |
| 15 | 7" | @ 222' w/125 SX |
| 12 | 6 | |
| 13 | 4 1/2" | @ 3923' w/150 SX |

ELEVATION 2675' KB

PRODUCTION 89 BOPD

9% Wtr (KC 3839-45, 3776-80,
 3770-74) GRAV 31.5

FIGURES INDICATE BOTTOM OF FORMATIONS

| | | |
|------|------|---------------------------------|
| 0 | 40 | Clay |
| 40 | 233 | Sand & Shale |
| 233 | 1350 | Shale & Shells w/pyrite streaks |
| 1350 | 1728 | Shale |
| 1728 | 2045 | Shale & Shells |
| 2045 | 2274 | Red Bed & Shale |
| 2274 | 2308 | Anhydrite |
| 2308 | 2490 | Shale |
| 2490 | 2865 | Shale w/Lime Streaks |
| 2865 | 3200 | Lime & Shale |
| 3200 | 3275 | Lime |
| 3275 | 3700 | Lime & Shale |
| 3700 | 3745 | Lime |
| 3745 | 3820 | Lime & Shale |
| 3820 | 3925 | Lime |
| | 3925 | Rotary Total Depth |

Drilled 230' of 9" surface hole and set 7" casing @222.6' w/125 sx. cmt. Plug down as of 8:30 p.m., 1-11-68.

Set 98 jts. 4 1/2" casing @3923' w/150 sx. salt-saturated posmix, Plug down 1-20-68.

FORMATION SAMPLE TOPS

ELEVATION

| | | | |
|----------------|------|---------|------------|
| Top/Anhydrite | 2274 | (+ 401) | 2675 K. B. |
| Base/Anhydrite | 2308 | (+ 367) | 2674 D. F. |
| Heebner | 3651 | (- 976) | 2668 G. L. |
| Toronto | 3674 | (- 999) | |
| Lansing | 3687 | (-1012) | |

ELECTRIC LOG TOPS

| | | |
|------------|------|---------|
| Anhydrite | 2280 | (+ 395) |
| Heebner | 3651 | (- 976) |
| Toronto | 3674 | (- 999) |
| Lansing | 3688 | (-1013) |
| Base/K. C. | 3886 | (-1211) |