

WICHITA BRANCH

samples on this well.

27-1-31W

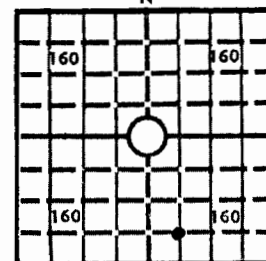
## KANSAS DRILLERS LOG

API No. 15 — 153 — 20,313  
County Number

S. 27 T. 1 R. 31 W

Loc. C SW SE

County Rawlins

640 Acres  
N

Locate well correctly

Elev.: Gr. 2766'

DF 2773' KB 2775'

## Operator

Bass Enterprises Prod. Co.

## Address

P. O. Box 2760 Midland, Texas 79702

## Well No.

#1

## Lease Name

Grafel

## Footage Location

660 feet from ~~XXX~~ (S) line 1980feet from (E) ~~XXX~~ line

## Principal Contractor

Murfin Drilling Company

## Geologist

J. E. Jespersen

## Spud Date

April 20, 1978

## Total Depth

4600'

## P.B.T.D.

P&amp;A

## Date Completed

P&amp;A

## Oil Purchaser

None

## CASING RECORD

Report of oil strings set — surface, intermediate, production, etc.

| Purpose of string | Size hole drilled | Size casing set (in O.D.) | Weight lbs/ft. | Setting depth | Type cement  | Sacks | Type and percent additives      |
|-------------------|-------------------|---------------------------|----------------|---------------|--------------|-------|---------------------------------|
| Surface           | 12 1/4"           | 8 5/8"                    | 28#            | 260'          | 60-40 Pozmix | 250   | 3% CaCl <sub>2</sub> and 2% gel |
| Production        |                   |                           |                |               |              |       |                                 |
|                   |                   |                           |                |               |              |       |                                 |
|                   |                   |                           |                |               |              |       |                                 |

## LINER RECORD

## PERFORATION RECORD

| Top, ft.      | Bottom, ft.   | Sacks cement  | Shots per ft. | Size & type | Depth interval |
|---------------|---------------|---------------|---------------|-------------|----------------|
| None          |               |               |               |             |                |
| TUBING RECORD |               |               |               |             |                |
| Size          | Setting depth | Packer set at |               |             |                |
| None          |               |               |               |             |                |

## ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

| Amount and kind of material used | Depth interval treated |
|----------------------------------|------------------------|
|                                  |                        |
|                                  |                        |
|                                  |                        |

## INITIAL PRODUCTION

|                                                    |       |                                                     |                        |               |  |
|----------------------------------------------------|-------|-----------------------------------------------------|------------------------|---------------|--|
| Date of first production                           |       | Producing method (flowing, pumping, gas lift, etc.) |                        |               |  |
| None - dry - P&A                                   |       |                                                     |                        |               |  |
| RATE OF PRODUCTION<br>PER 24 HOURS                 | Oil   | Gas                                                 | Water                  | Gas-oil ratio |  |
|                                                    | bbls. | MCF                                                 | bbls.                  | CFPB          |  |
| Disposition of gas (vented, used on lease or sold) |       |                                                     | Producing interval (s) |               |  |

INSTRUCTIONS: As provided in KCC Rule 82-2-125, within 90 days after completion of a well, one completed copy of this Drillers Log shall be transmitted to the State Geological Survey of Kansas, 4150 Monroe Street, Wichita, Kansas 67209. Copies of this form are available from the Conservation Division, State Corporation Commission, 3830 So. Meridian (P.O. Box 17027), Wichita, Kansas 66217. Phone AC 316-522-2206. If confidential custody is desired, please note Rule 82-2-125. Drillers Logs will be on open file in the Oil and Gas Division, State Geological Survey of Kansas, Lawrence, Kansas 66044.

27-1-31W

DRY HOLE, SWDW, ETC.:

|                                                               |                             |           |
|---------------------------------------------------------------|-----------------------------|-----------|
| Well No.<br><b>1</b>                                          | Lease Name<br><b>Grafel</b> | Dry hole. |
| S <u>27</u> T <u>1S</u> R <u>31</u> <sup>R</sup> <sub>W</sub> |                             |           |

**WELL LOG**

Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.

SHOW GEOLOGICAL MARKERS, LOGS RUN, OR OTHER DESCRIPTIVE INFORMATION.

| FORMATION DESCRIPTION, CONTENTS, ETC.     | TOP  | BOTTOM | NAME          | DEPTH    |
|-------------------------------------------|------|--------|---------------|----------|
| Surface soil & sand                       | 0    | 145    | T/Anhydrite   | 2573     |
| Clay                                      | 145  | 180    | B/Anhydrite   | 2607     |
| Blue Shale                                | 180  | 262    | Topeka        | 3614     |
| Shale                                     | 262  | 575    | Oread         | 3700     |
| Shale & Sand                              | 575  | 2340   | Heebner       | 3723     |
| Shale                                     | 2340 | 2574   | Lansing       | 3758     |
| Anhydrite                                 | 2574 | 2607   | B/Kansas City | 4044     |
| Shale                                     | 2607 | 2665   | B/Penn Cgl    | 4295     |
| Shale & Lime                              | 2665 | 3710   | Arbuckle      | 4348     |
| Lime                                      | 3710 | 3980   | Reagan Sand   | 4464     |
| Lime & Shale                              | 3980 | 4065   | Granite Wash  | 4504     |
| Lime                                      | 4065 | 4515   |               | 4600 RTD |
| Lime & Sand                               | 4515 | 4600   |               |          |
| See attached sheets for drill stem tests. |      |        |               |          |

USE ADDITIONAL SHEETS, IF NECESSARY, TO COMPLETE WELL RECORD.

|               |                                                       |
|---------------|-------------------------------------------------------|
| Date Received | Signature<br>Senior Production Clerk<br>Title<br>Date |
|---------------|-------------------------------------------------------|

15-153-20313

27-1-31W

COMPANY Bass Enterprises Production Co.

SEC. 27 T. 1S R. 31W  
Loc 660' fSL & 1908' fEL

FARM GRAFEL NO. 1

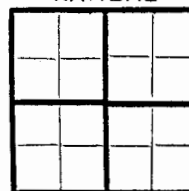
RIG. NO. 7

TOTAL DEPTH 4600'

COMM. 4-20-78

COMP. 5-2-78

COUNTY Rawlins  
KANSAS



CONTRACTOR Murfin Drilling Company

CASINO

20 10  
15 8 -5/8" @ 260' w/250 SX.  
12 6  
13 5  
4 1/2" @ 4072' w/225 SX.

ELEVATION

PRODUCTION

FIGURES INDICATE BOTTOM OF FORMATIONS

|       |                     |
|-------|---------------------|
| 30'   | Surface soil & Sand |
| 145'  | Sand                |
| 180'  | Clay                |
| 262'  | Blue Shale          |
| 575'  | Shale               |
| 2340' | Shale & Sand        |
| 2574' | Shale               |
| 2607' | Anhydrite           |
| 2665' | Shale               |
| 3710' | Shale & Lime        |
| 3980' | Lime                |
| 4065' | Lime & Shale        |
| 4515' | Lime                |
| 4600' | Lime & Sand         |

RTD