

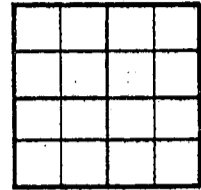
WELL LOG

COMPANY **Murfin - Rains & Williamson**
FARM **Diebolt** NO. **1**

SEC. 14 T. 10S R. 23W
LOC. NW NW NW

TOTAL DEPTH **4085'**
COMM. **1-4-59** COMP. **1-23-59 Rotary**
SHOT OR TREATED
CONTRACTOR **Murfin Drilling Company**
ISSUED

COUNTY **Graham**
KANSAS



CASING
20 10
15 8 5/8" @ 201' w/160 sxs.
12 6
13 5 1/2" @ 3910 w/100 sxs.

ELEVATION **2383' K. B.**
2380' D. F.
PRODUCTION **2374' GL**

FIGURES INDICATE BOTTOM OF FORMATIONS

- 201 Surface Hole
- 1200 Shale - Shells
- 1700 Shale
- 1958 Red Bed - Shale
- 1995 Anhydrite
- 2411 Shale - Shells
- 3670 Lime - Shale
- 3880 Lime
- 3985 Lime - Shale
- 4035 Lime - Chert - Shale
- 4056 Lime - Chert
- 4085 Shale - Sand

- GEOLOGICAL TOPS:**
- Heebner 3643
 - Toronto 3665
 - Lansing-Kansas City 3679
 - Base Kansas City 3905
 - Ft. Scott 4005
 - Cherty Conglomerate 4075

RECEIVED
STATE CORPORATION COMMISSION
MAY 18 1967
CONSERVATION DIVISION
Wichita, Kansas

05-18-67

DST #1 3669-82 Open 1 hr.
Rec. 2400' gas and 750' gassy
oil. IF-45#. FF-240# BHP
1000# 20 min.

DST #2 3744-57 Open 1 hr.
Rec. 90' oil cut mud. IF 0#. FF 0#.
BHP 185# 20 minutes.

DST #3 3799-3820 Open 1 hr.
Rec. 45' oil cut mud and 180'
mud cut oil. IF 0#. FF 100#.
BHP 1040# 20 minutes.

DST #4 3827-44 Open 1 hour.
Rec. 80' slightly oil cut mud. IF 0#.
FF 0#. BHP 0#/ 20 minutes.

Completion:

Perf. 3880-3884. No fluid, Acidized with 1000 gallons. No increase.
Set plug at 3840.

Perf. 3817-27. Acidized with 2000 gallons. Tested 8 barrels fluid per hour;
96% oil in six hours.

P. O. P.

State of Kansas
County of Sedgwick

I, W. R. Murfin of the Murfin Drilling Company

upon oath state that the above and foregoing is a true and correct copy of the log of the Diebolt #1 well.

W. R. Murfin

Subscribed and sworn to before me this 6th day of February 19 59

My Commission Expires: March 23, 1960

Donna M. Matzek
NOTARY PUBLIC

Donna M. Matzek