

**IMPORTANT**  
Kans. Geo. Survey request samples on this well.

WICHITA BRANCH  
KANSAS DRILLERS LOG

S. 16 T. 10 R. 22 E  
Loc. C S2 S2 SE  
County Graham

API No. 15 — 065 — 21,232  
County Number

Operator  
A. Scott Ritchie,

Address  
950 Vickers KSB&T Bldg. Wichita, Kansas 67202

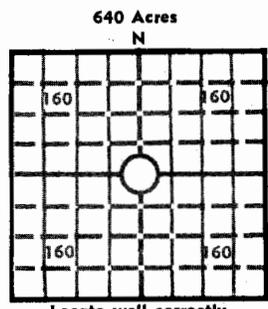
Well No. #2 Lease Name Webster

Footage Location  
440 feet from (N) (S) line 1320 feet from (E) (W) line

Principal Contractor Geologist  
Murfin Drilling Co. Roger Fisher

Spud Date Total Depth P.B.T.D.  
May 15, 1980 4052'

Date Completed Oil Purchaser  
June 14, 1980 Clear Creek



Locate well correctly  
Elev.: Gr. 2339'

DF \_\_\_\_\_ KB 2344'

**CASING RECORD**

Report of all 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"                    | 24-28#         | 173'          | quickset     | 140   |                            |
| production        |                   | 4 1/2"                    | 9.5#           | 4046'         | 60/40 pozmix | 150   | 10% salt                   |
|                   |                   |                           |                |               |              |       |                            |
|                   |                   |                           |                |               |              |       |                            |

**LINER RECORD**

**PERFORATION RECORD**

| Top, ft. | Bottom, ft. | Sacks cement | Shots per ft. | Size & type SSB | Depth interval |
|----------|-------------|--------------|---------------|-----------------|----------------|
|          |             |              | 4             |                 | 3796' - 3798'  |

**TUBING RECORD**

| Size | Setting depth | Packer set at |
|------|---------------|---------------|
|      |               |               |

**ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD**

| Amount and kind of material used | Depth interval treated |
|----------------------------------|------------------------|
| 1000 gal. MCA; 800 gal. 28% acid | 3796' - 3798'          |
|                                  |                        |

**INITIAL PRODUCTION**

|  |   |
|--|---|
| Date of first production<br>June 13, 1980          | Producing method (flowing, pumping, gas lift, etc.)<br>swabbed; will be pumping |
| RATE OF PRODUCTION PER 24 HOURS                    | Oil 80 bbls. Gas MCF Water bbls. Gas-oil ratio CFPB                             |
| Disposition of gas (vented, used on lease or sold) | Producing interval (s)<br>3796' - 3798'   |

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.

Operator  
A. Scott Ritchie

DESIGNATE TYPE OF COMP.: OIL, GAS,  
DRY HOLE, SWDW, ETC.:  
oil

Well No.  
2

Lease Name  
Webster

S 16 T 10 S R 22 E W

**WELL LOG**

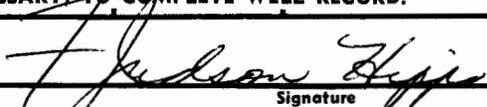
Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.

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

| FORMATION DESCRIPTION, CONTENTS, ETC.  | TOP | BOTTOM | NAME              | DEPTH         |
|--|-----|--------|-------------------|---------------|
| DST #1 from 3626'-3650' Recovered 430' salt wtr.<br>IFP:43-150#/30"; ISIP:398#/30"; FFP:161-215#/30";<br>FSIP:398#/30".  |     |        |                   |               |
| DST #2 from 3720'-3770' Recovered 20' mud with slight stain of oil, 100' slightly oil cut mud (12% oil, 85% mud, 3% water), and 60' oil cut mud (28% oil, 69% mud, 3% water). IFP:64-77#/30"; ISIP:760#/30"; FFP:118-129#/45"; FSIP:728#/45".  |     |        |                   |               |
| DST #3 from 3766'-3805' Recovered 315' frothy oil cut mud (40% oil, 17% mud, 10% water, 33% foam), 693' gassy water cut muddy oil (70% oil, 10% mud, 20% water), 392' gassy water cut muddy oil (63% oil, 10% mud, 27% water). IFP:134-432#/30"; ISIP:939#/30"; FFP:465-551#/30"; FSIP:939#/30". |     |        |                   |               |
| DST #4 from 3800'-3830' Recovered 5' mud.<br>IFP:21-21#/30"; ISIP:32#/30"; FFP:21-21#/30";<br>FSIP:32#/30".  |     |        |                   |               |
|  |     |        | ELECTRIC LOG TOPS |               |
|  |     |        | Anhydrite         | 1860' (+ 484) |
|  |     |        | B/Anhydrite       | 1904' (+ 440) |
|  |     |        | Topeka            | 3351' (-1007) |
|  |     |        | Heebner           | 3563' (-1219) |
|  |     |        | Toronto           | 3584' (-1240) |
|  |     |        | Lansing           | 3601' (-1257) |
|  |     |        | B/KC              | 3821' (-1477) |
|  |     |        | Marmaton          | 3909' (-1565) |
|  |     |        | Cong. Chert       | 3971' (-1627) |
|  |     |        | RTD               | 4050' (-1706) |
|  |     |        | LTD               | 4052' (-1708) |

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

Date Received

  
 Signature  
 F. Judson Hipps, Geologist  
 Title  
 June 27, 1980  
 Date

HELGL

Jul



# WELL LOG

State Geological Survey

WICHITA BRANCH

COMPANY A. Scott Ritchie

SEC. 16 T. 10S R. 22W

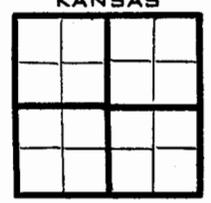
FARM WEBSTER NO. 2

LOC. Approx. C S/2 S/2 SE/4

RIG. NO. 15  
TOTAL DEPTH 4050'

COUNTY Trego  
KANSAS

COMM. 5-15-80 COMP. 5-24-80



CONTRACTOR Murfin Drilling Company

CASING  
20 10  
15 8 -5/8" csg. set @ 173' w/140 sx. of  
12 6 Quickset.  
13 5

ELEVATION

4 1/2" csg. set @ 4046' w/150 sx. of 60-40 posmix, 10% salt.  
FIGURES INDICATE BOTTOM OF FORMATIONS

PRODUCTION

|       |                            |
|-------|----------------------------|
| 173'  | Surface Dirt, Clay & Shale |
| 810'  | Shale & Sand               |
| 1365' | Shale                      |
| 1605' | Sand                       |
| 1857' | Shale (Red Bed)            |
| 1900' | ANHYDRITE                  |
| 2765' | Shale                      |
| 3650' | Shale & Lime               |
| 4035' | Lime                       |
| 4050' | Lime & Chirt R T D         |