

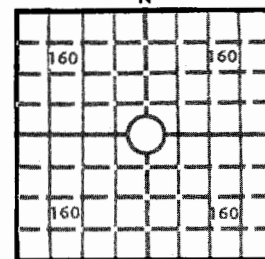
## KANSAS DRILLERS LOG

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

S. 19 T. 11 R. 21  $\frac{8}{W}$ 

Loc. NE SW SW

County Trego

640 Acres  
N

Locate well correctly

Elev.: Gr. 2285'

DF KB 2290'

API No. 15 — 195 — 20,570  
County Number

Operator

A. Scott Ritchie

Address

950 Vickers KSB&amp;T Bldg. Wichita, Kansas 67202

Well No.

#1

Lease Name

Nilhas Ranch "A"

Footage Location

feet from (N) (S) line

feet from (E) (W) line

Principal Contractor

Murfin Drilling Co.

Geologist

Don Strong

Spud Date

8/21/79

Total Depth

3925'

P.B.T.D.

Date Completed

8/27/79

Oil Purchaser

none

## CASING RECORD

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

| Purpose of string | Size hole drilled  | Size casing set<br>(in O.D.) | Weight lbs/ft. | Setting depth | Type cement | Sacks | Type and percent<br>additives |
|-------------------|--------------------|------------------------------|----------------|---------------|-------------|-------|-------------------------------|
| surface           | 12 $\frac{1}{4}$ " | 8 5/8"                       | 24#            | 168'          | quickset    | 135   |                               |
|                   |                    |                              |                |               |             |       |                               |
|                   |                    |                              |                |               |             |       |                               |
|                   |                    |                              |                |               |             |       |                               |

## LINER RECORD

## PERFORATION RECORD

| Top, ft. | Bottom, ft. | Sacks cement | Shots per ft. | Size & type | Depth interval |
|----------|-------------|--------------|---------------|-------------|----------------|
|          |             |              |               |             |                |
|          |             |              |               |             |                |
|          |             |              |               |             |                |

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

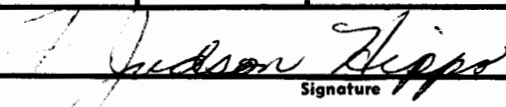
## ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

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

## INITIAL PRODUCTION

|                                                    |                                                     |            |                        |               |      |
|----------------------------------------------------|-----------------------------------------------------|------------|------------------------|---------------|------|
| Date of first production                           | Producing method (flowing, pumping, gas lift, etc.) |            |                        |               |      |
| RATE OF PRODUCTION<br>PER 24 HOURS                 | Oil<br>bbls.                                        | Gas<br>MCF | Water<br>bbls.         | Gas-oil ratio | 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.

|                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                         |                                                                                 |                                                                                                                                                                                                                                                                                                   |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Operator<br>A. Scott Ritchie                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                         | DESIGNATE TYPE OF COMP.: OIL, GAS,<br>DRY HOLE, SWDW, ETC.:<br>dry hole         |                                                                                                                                                                                                                                                                                                   |
| Well No.<br>1                                                                                                                                                                                                                                | Lease Name<br>Nilhas Ranch "A"                                                                                                                                                                                                                                                          |                                                                                 |                                                                                                                                                                                                                                                                                                   |
| S19 T11S R21 EX<br>W                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                         |                                                                                 |                                                                                                                                                                                                                                                                                                   |
| <b>WELL LOG</b>                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                         | <b>SHOW GEOLOGICAL MARKERS, LOGS RUN,<br/>OR OTHER DESCRIPTIVE INFORMATION.</b> |                                                                                                                                                                                                                                                                                                   |
| 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.                          |                                                                                                                                                                                                                                                                                         |                                                                                 |                                                                                                                                                                                                                                                                                                   |
| FORMATION DESCRIPTION, CONTENTS, ETC.                                                                                                                                                                                                        | TOP                                                                                                                                                                                                                                                                                     | BOTTOM                                                                          | NAME                                                                                                                                                                                                                                                                                              |
| <p>DST #1 3612' - 3660' Rec. 2' mud, no show of oil. IFP 54-27#/30"; ISIP 27#/30"; FFP 35-35#/30"; FSIP 27#/30".</p> <p>DST #2 3901' - 3925' Rec. 15' slightly oil cut mud. IFP 35-35#/30"; ISIP 378#/30"; FFP 45-35#/30"; FSIP 73#/30".</p> |                                                                                                                                                                                                                                                                                         |                                                                                 | <p>SAMPLE TOPS</p> <p>Anh 1744' (+ 546)</p> <p>B/Anh 1793' (+ 497)</p> <p>Top 3341' (-1051)</p> <p>Heeb 3550' (-1260)</p> <p>Tor 3571' (-1281)</p> <p>Lans 3588' (-1298)</p> <p>B/Kc 3827' (-1537)</p> <p>Marm</p> <p>Chert 3897' (-1607)</p> <p>RTD 3925' (-1635)</p> <p>NO ELECTRIC LOG RUN</p> |
| USE ADDITIONAL SHEETS, IF NECESSARY, TO COMPLETE WELL RECORD.                                                                                                                                                                                |                                                                                                                                                                                                                                                                                         |                                                                                 |                                                                                                                                                                                                                                                                                                   |
| Date Received                                                                                                                                                                                                                                | <div style="text-align: right;"> <br/>             Signature<br/>             Exploration Manager<br/>             Title<br/>             September 24, 1979<br/>             Date           </div> |                                                                                 |                                                                                                                                                                                                                                                                                                   |

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