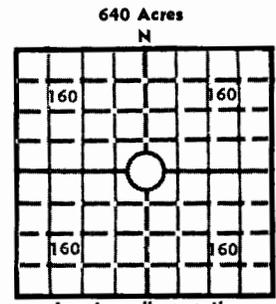


KANSAS **State Geological Survey**
WICHITA, BRANCH

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

S. 24 T. 8 R. 20 ^E
Loc. C NE SW
County Leavenworth



Elev.: Gr. 1041
DF _____ KB _____

API No. 15 - 103 - 20,014
County Number

Operator Tomlinson & J. A. Allison

Address 1030 O. Garvey, Wichita, Kansas

Well No. #1 Lease Name Hansroth

Footage Location
feet from (N) (S) line _____ feet from (E) (W) line _____

Principal Contractor B. + N. Drilling Co Geologist Bill Iverson

Spud Date 12-21-71 Total Depth _____ P.B.T.D. _____

Date Completed _____ Oil Purchaser _____

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 | 84' | Common | 50 | 4% CCL |
| | | 5 1/2" | 15.5 | 1498' | 60/40 Pox | 85 | 10% NaCl |
| | | | | | | | |
| | | | | | | | |

LINER RECORD

PERFORATION RECORD

| Top, ft. | Bottom, ft. | Sacks cement | Shots per ft. | Size & type | Depth interval |
|----------|-------------|--------------|---------------|-------------|----------------|
| | | | 4 | DP Jets | 1438-43' |
| | | | 4 | " | 1446-50 |
| | | | 4 | " | 1412-18 |

TUBING RECORD

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

| Amount and kind of material used | Depth interval treated |
|--|------------------------|
| Frac - 1800 gal co + 700 # 20/40 sand | 1438-43 |
| Acid - 2000 gal 15% NE | 1446-50 |
| Frac - 3500 gal gelled fr. wtr., 3500 # 20/40 sand | 1412-18 |

INITIAL PRODUCTION

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

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

Well No.

Lease Name

S ___ T ___ R ___ E ___ W

WELL LOG

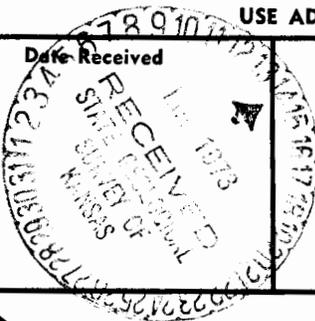
Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.

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

| FORMATION DESCRIPTION, CONTENTS, ETC. | TOP | BOTTOM | NAME | DEPTH |
|--|-----|--------|------|-------|
| <i>(The main body of the table is crossed out with a large diagonal line.)</i> | | | | |

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

Date Received



Robert J. Gill

Signature

Title

4-16-73

Date

WELL RECORD

1 Farm Hansroth Producer Tomlinson Oil Co.
 Sec. 24 Twp. 8 Rge. 20E
 State Kansas County Leavenworth
 Kind (Oil, Gas, Water, Dry Hole) Contractor B & N Drilling
 Producing Formation Top Bottom
 Shot With Qts. from to
 Packer Set At Kind Size
 Liner from to Perforated from to

| Thick- ness | Strata | Depth | Thick- ness | Strata | Depth |
|----------------|--------------|-------|----------------|--------------|-------|
| 5 | clay | 5 | 177 | shale/lime | 1411 |
| 10 | limestone | 15 | 33 | sand & shale | 1444 |
| 24 | shale | 39 | 61 | lime (Miss) | 1505 |
| 3 | lime | 42 | | | |
| 28 | shale | 70 | | | |
| 30 | lime | 100 | | | |
| 13 | shale | 113 | | | |
| 6 | lime | 119 | | | |
| 256 | shale | 375 | | | |
| 3 | lime/shale | 378 | | | |
| 7 | shale | 385 | | | |
| 12 | lime | 397 | | | |
| 5 | shale | 402 | | | |
| 3 | lime | 405 | | | |
| 19 | shale | 424 | | | |
| 16 | lime | 440 | | | |
| 22 | shale | 462 | | | |
| 5 | lime | 467 | | | |
| 80 | shale | 547 | | | |
| 152 | lime & shale | 699 | | | |
| 135 | shale | 834 | | | |
| 5 | lime | 839 | | | |
| 14 | shale | 853 | | | |
| 26 | shale & lime | 879 | | | |
| 6 | shale | 885 | | | |
| 5 | lime | 890 | | | |
| 246 | shale | 1136 | | | |
| 14 | lime | 1150 | | | |
| 13 | shale /lime | 1163 | | | |
| 71 | shale | 1234 | | | |

Total Depth 1505'
 Open Hole _____
 Casing 8 5/8" at 84'
 Casing 5 1/2" - 47 joints at _____
 Casing _____ at _____
 Cement _____
 Tubing _____
 Rods _____
 Additional Information _____

Date Completed

12/28/71

O.K.

Superintendent