

State Geological Survey

KANSAS DRILLERS LOG WICHITA BRANCH

S. 31 T. 10S R. 32 ^{1/2}E
W

Loc. SE NE

County Thomas

API No. 15 — 193 — 20,063
County Number

Operator
Abercrombie Drilling, Inc.

Address
801 Union Center, Wichita, Kansas 67202

Well No. #1 Lease Name HECKER

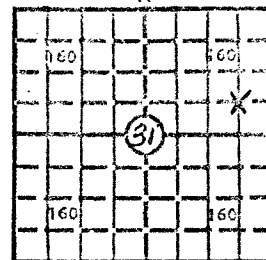
Footage Location
1980 feet from (N) (X) line 660 feet from (E) (W) line

Principal Contractor Abercrombie Drilling Geologist Harold L. Steincamp

Spud Date July 2, 1975 Total Depth 4562' P.B.T.D.

Date Completed July 11, 1975 Oil Purchaser None

640 Acres
N



Elev.: Gr. 3040

DF 3043 KB 3045

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" | | 251.71' | Sunset | 200 | None |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

LINER RECORD

PERFORATION RECORD

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

TUBING RECORD

| 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 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.

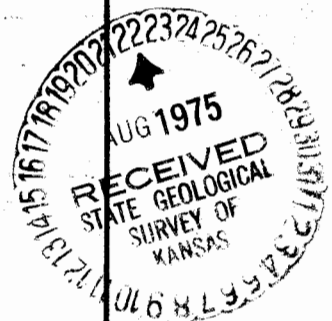
| | | |
|--|----------------------|---|
| Operator Abercrombie Drilling, Inc. | | DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.: |
| Well No. #1 | Lease Name HECKER | DRY HOLE |
| S 31 T 10S R 32 E W | | |

WELL LOG

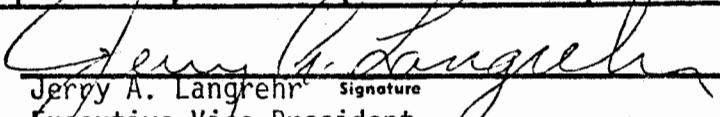
Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.

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

| FORMATION DESCRIPTION, CONTENTS, ETC. | TOP | BOTTOM | NAME | DEPTH |
|---|------|--------|--------------------|-------|
| Surface Dirt & Sand | 0 | 210 | ELECTRIC LOG TOPS: | |
| Shale | 210 | 260 | Anhydrite | 2543 |
| Sand & Shale | 260 | 1075 | B/Anhydrite | 2572 |
| Shale & Sand | 1075 | 2747 | Heebner | 3961 |
| Shale & Lime | 2747 | 2890 | Toronto | 3983 |
| Lime & Shale | 2890 | 3315 | Lansing | 4000 |
| Shale & Lime | 3315 | 3695 | Stark Shale | 4213 |
| Lime | 3695 | 3975 | B/Kansas City | 4286 |
| Lime & Shale | 3975 | 4032 | Marmaton | 4293 |
| Lime | 4032 | 4562 | Pawnee | 4413 |
| Rotary Total Depth | | 4562 | Cherokee | 4464 |
| | | | Johnson Zone | 4544 |
| | | | ELTD | 4560 |
| <p>DST #1 (4060-4090) 15", 30", 30", 30", Wk. blow for 5". Recovered 5' Drilling Mud. IFP 52#; IBHP 1217#; FFP 73-63#; FBHP 1175#.</p> <p>DST #2 (4118-4155) 15", 45", 60", 45" Wk. blow. Recovered 60' g.i.p., 60' hoom IFP 63-73#; IBHP 1081#; FFP 95-95#; FBHP 726#.</p> <p>DST #3 (4168-4215) 15", 45", 60", 45". Wk. blow. Recovered 30' thin oil specked mud, 60' watery mud. IFP 73-73#; IBHP 789#; FFP 73-73#; FBHP 747#.</p> <p>DST #4 (4524-4562) 15", 30", 30", 30" Recovered 5' Mud w/few oil specks. IFP 31-31#; IBHP 254#; FFP 31-31#; FBHP 73#.</p> <p>Plugged & Abandoned July 11, 1975</p> | | | | |



USE ADDITIONAL SHEETS, IF NECESSARY, TO COMPLETE WELL RECORD

| | |
|---------------|---|
| Date Received |  Jerry A. Langrehr Executive Vice President |
| | Title July 17, 1975 Date |
| | Date |

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