

KANSAS DRILLERS LOG

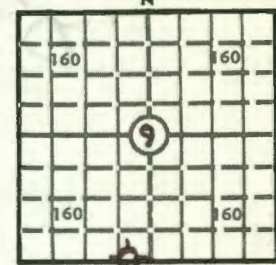
State Geological Survey  
WICHITA, BRANCH

S. 9 T. 25 R. 25 E

Loc. SE SE SW

County Bourbon

640 Acres  
N



Locate Well correctly  
825'

Elev.: Gr.

DF KB

API No. 15 — 011 — 20283  
County Number

Operator  
Kansas Geological Survey

Address  
1930 Ave. A - West Campus, Lawrence, Ks.

Well No. BB 25-25-9-1 Lease Name Bourbon County

Footage Location  
18 feet from (N) (S) line 2186 feet from (E) (W) line

Principal Contractor Joy Spradling Rotary Drlg. Geologist Ebanks - Livingston

Spud Date 11-22-76 Total Depth 373' P.B.T.D.

Date Completed 12-23-76 Oil Purchaser none

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           | 7½"               | 7                         | 20             | 19'           | Portland    | 2     | none                       |
|                   |                   |                           |                |               |             |       |                            |
|                   |                   |                           |                |               |             |       |                            |
|                   |                   |                           |                |               |             |       |                            |

LINER RECORD

PERFORATION RECORD

| Top, ft. | Bottom, ft. | Sacks cement | Shots per ft. | Size & type | Depth interval |
|----------|-------------|--------------|---------------|-------------|----------------|
| none     |             |              | none          |             |                |
|          |             |              |               |             |                |
|          |             |              |               |             |                |
|          |             |              |               |             |                |

| Size | Setting depth | Packer set at |  |  |  |
|------|---------------|---------------|--|--|--|
| none |               |               |  |  |  |
|      |               |               |  |  |  |
|      |               |               |  |  |  |
|      |               |               |  |  |  |

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

| Amount and kind of material used | Depth interval treated |
|----------------------------------|------------------------|
| none                             |                        |
|                                  |                        |
|                                  |                        |
|                                  |                        |

INITIAL PRODUCTION

Date of first production none 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<br>Kansas Geological Survey          |                              | DESIGNATE TYPE OF COMP.: OIL, GAS,<br>DRY HOLE, SWDW, ETC.:<br>Stratigraphic |
| Well No.<br>BB-25-25-9-1                      | Lease Name<br>Bourbon County |                                                                              |
| S <u>9</u> T <u>25</u> R <u>25</u> E <u>X</u> |                              |                                                                              |

### 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 |
|---------------------------------------|-----|--------|------|-------|
| 0- 8' Alluvium                        |     |        |      |       |
| 8- 12' Limestone                      |     |        |      |       |
| 12- 18' Shale, dark grey              |     |        |      |       |
| 18- 20' Coal                          |     |        |      |       |
| 20- 28' Sandstone                     |     |        |      |       |
| 24- 78' Shale, grey, silty            |     |        |      |       |
| 78- 80' Limestone                     |     |        |      |       |
| 80- 86' Shale, grey                   |     |        |      |       |
| 86- 88' Coal                          |     |        |      |       |
| 88-101' Shale, grey                   |     |        |      |       |
| 101-104' Limestone                    |     |        |      |       |
| 104-108' Shale, grey                  |     |        |      |       |
| 108-110' Coal                         |     |        |      |       |
| 110-128' Shale, grey, sandy           |     |        |      |       |
| 128-130' Coal                         |     |        |      |       |
| 130-146' Shale, grey, sandy           |     |        |      |       |
| 146-148' Coal                         |     |        |      |       |
| 148-172' Shale, grey                  |     |        |      |       |
| 172-174' Coal                         |     |        |      |       |
| 174-200' Shale, grey                  |     |        |      |       |
| 200-204' Sandstone                    |     |        |      |       |
| 204-233' Siltstone, very shaley       |     |        |      |       |
| 233-236' Limestone                    |     |        |      |       |
| 236-237' Coal                         |     |        |      |       |
| 237-250' Sandstone                    |     |        |      |       |
| 250-260' Shale, dark grey             |     |        |      |       |
| 260-262' Coal                         |     |        |      |       |
| 262-280' Shale, greenish gray         |     |        |      |       |
| 280-314' Sandstone, trace of dead oil |     |        |      |       |
| 314-316' Coal                         |     |        |      |       |
| 316-333' Shale, grey, silty           |     |        |      |       |
| 333-335' Coal                         |     |        |      |       |
| 335-347' Shale, black                 |     |        |      |       |
| 347-349' Coal                         |     |        |      |       |
| 349-359' Shale, very dark grey, sandy |     |        |      |       |
| 359-361' Coal                         |     |        |      |       |
| 361-368' Siltstone, greenish gray     |     |        |      |       |
| 368-373' Chert                        |     |        |      |       |
| T.D. 373'                             |     |        |      |       |

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

|               |                            |
|---------------|----------------------------|
| Date Received | <i>H. J. E. Banks, Jr.</i> |
|               | Signature                  |
|               | Research Associate         |
|               | Title                      |
|               | 2-2-77                     |
|               | Date                       |

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