

KANSAS DRILLERS LOG

State Geological Survey
WICHITA, BRANCH

S. 22 T. 24 R. 25 E

Loc. NE NE NE

County Bourbon

API No. 15 — 011 — 20281
County Number

Operator

Kansas Geological Survey

Address

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

Well No.

BB 24-25-22-1

Lease Name

Bourbon County

Footage Location

173 feet from (N) (S) line 20 feet from (E) (W) line

Principal Contractor

Joy Spradling Rotary Drlg.

Geologist

Ebanks - Livingston

Spud Date

11-18-76

Total Depth

445'

P.B.T.D.

Date Completed

2-15-77

Oil Purchaser

none

640 Acres

N



Locate well correctly

Elev.: Gr. 894'

DF KB

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	16'	Portland	1	none

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
none			none		
TUBING RECORD					
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		Producing method (flowing, pumping, gas lift, etc.)		
none				
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 Kansas Geological Survey		DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.; Stratigraphic
Well No. BB-0-24-25-22-1	Lease Name Bourbon County	
S 22 T 24 R 25 E		

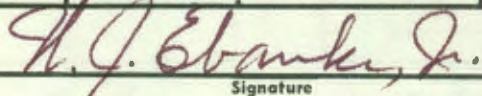
WELL LOG

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- 5' Alluvium				
5- 12' Limestone, tan				
12- 15' Shale, black				
15- 45' Shale				
45- 60' Shale, silty				
60- 82' Limestone, light brown				
82- 85' Shale, black				
85- 87' Coal				
87- 96' Limestone				
96-170' Siltstone & Shale, interbedded				
170-172' Coal				
172-185' Shale				
185-190' Limestone				
190-196' Shale, black				
198-204' Shale, grey				
204-206' Coal				
206-226' Siltstone, very shaley, carbonaceous				
226-228' Coal				
228-232' Siltstone, very shaley				
232-253' Shale, gray				
253-255' Coal				
255-275' Shale, greenish gray				
275-280' Sandstone, no shows				
280-300' Shale, grey				
300-308' Siltstone				
308-310' Limestone, light brown				
310-323' Shale, grey				
323-337' Sandstone, live oil show				
337-365' Shale, black to dark grey				
365-401' Coal				
401-414' Shale, dark grey				
414-416' Coal				
416-426' Sandstone, no show				
426-428' Shale, black to dark grey				
428-429' Coal				
429-440' Shale, black				
440-442' Sandstone				
442-445' Chert, white				
T.D. 445'				

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

Date Received	 Signature Research Associate Title 2-2-77 Date
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