

**State Geological Survey  
WICHITA, BRANCH**

**KANSAS DRILLERS LOG**

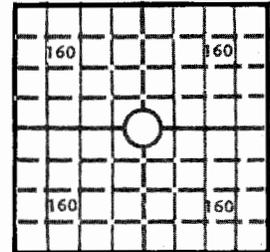
S. 10 T. 11 R. 32 <sup>K</sup><sub>W</sub>

API No. 15 — 109 — 20,037  
County Number

Loc. SE NE SW

County Logan

640 Acres  
N



Locate well correctly

Elev.: Gr. 3063

DF \_\_\_\_\_ KB 3068

Operator  
Murfin Drilling Co.

Address  
617 Union Center Wichita, Kansas 67202

Well No. #5 Lease Name Johnson "F"

Footage Location  
330 feet from ~~XXN~~ (S) line 330 feet from (E) ~~XXW~~ line SW/4

Principal Contractor Murfin Drilling Company Geologist Roger Welty

Spud Date 1-25-75 Total Depth 4400' P.B.T.D. \_\_\_\_\_

Date Completed ]-31-75 Oil Purchaser \_\_\_\_\_

**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"	24#	269'		160	

**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

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 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 44.

Drator

Murfin Drilling Company

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

Well No. 5	Lease Name Johnson "F"	Dry Hole
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S 10 T 11SR 32 <sup>XX</sup><sub>W</sub>

**WELL LOG**

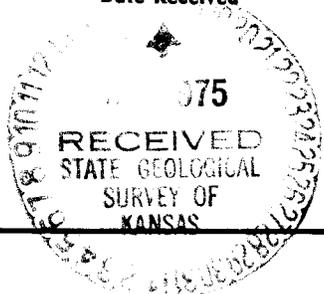
Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.

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

FORMATION DESCRIPTION, CONTENTS, ETC.	TOP	BOTTOM	NAME	DEPTH
Surface soil - sand	0	130	Anhydrite	2577
Sand	130	235	Topeka	3068
Shale blue	235	269	Heebner	4036
Sand & shale	269	2400	Toronto	4052
Shale	2400	2575	Lansing	4070
Anhydrite	2575	2610	Base KC	4364
Shale	2610	2630	TD	4402
Lime - shale	2630	3990		
Lime	3990	4400		
Total depth	4400			

DST #1: 4205-4400/Open 2 hrs. Rec 420' MSW with few spots of oil in top of tool joints. BHP 1306-1264#, FP 130-325#

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

<p>Date Received</p> 	<p><i>James R. Daniels</i></p> <p>Signature</p>
	<p>JAMES R. DANIELS, General Manager</p> <p>Title</p>
	<p>March 19, 1975</p> <p>Date</p>

1129001

10-11s-32w

COMPANY Murfin Drilling Company

SEC. 10 T. 11S R. 32W

FARM Johnson "F" NO. 5

LOC. SE NE SW

API 15-109-20037

RIG. NO. 2

TOTAL DEPTH 4400'

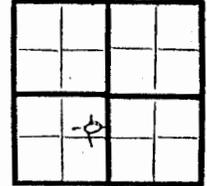
COUNTY Logan KANSAS

COMM. 1-25-75

COMP. 2-1-75

CONTRACTOR Murfin Drilling Company

KANSAS GEOLOGICAL SURVEY  
WILLIAM H. HAYES



ELEVATION 3063 GL

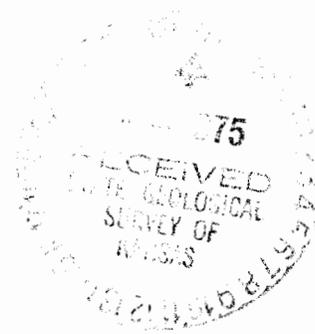
PRODUCTION D & A

CASING	
20	10
15	8 5/8" @ 269' w/160 sx
12	6
13	5

FIGURES INDICATE BOTTOM OF FORMATIONS

130	Surface soil - sand
235	Sand
269	Shale blue
2400	Sand & shale
2575	Shale
2610	Anhydrite
2630	Shale
3990	Lime - shale
4400	Lime
4400	TD

Log Tops:	Depth	Datum:
Anh	2577	+ 491
Top	3868	- 800
Heeb	4036	- 968
For	4052	- 984
Lans	4070	-1002
Bkc	4364	-1296
Td	4402	-1334



State of Kansas  
County of Sedgwick }