NE NE
KCC Record

State Geological Survey
WICHITA, BRANCH

KANSAS DRILLERS LOG

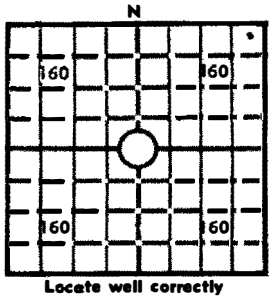
S. 31 T. 15 R. 22 E W

API No. 15 — 121 (County) — 20,210 (Number)

Loc. NE C of NE

County Miami

640 Acres
N



Locate well correctly

Operator
Alex A. & Helen M. Murdock

Address Route #1 Edgerton, Kansas

Well No.	Lease Name
#2	Murdock

Footage Location
500 feet from (N) (S) line — 200 feet from (E) (W) line

Principal Contractor	Geologist	
Hughes Bros.		
Spud Date	**Total Depth**	**P.B.T.D.**
February 15, 1974	414	
Date Completed	**Oil Purchaser**	
March 2, 1974		

Elev.: Gr. _____

DF _____ KB _____

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

LINER RECORD

Top, ft.	Bottom, ft.	Sacks cement

TUBING RECORD

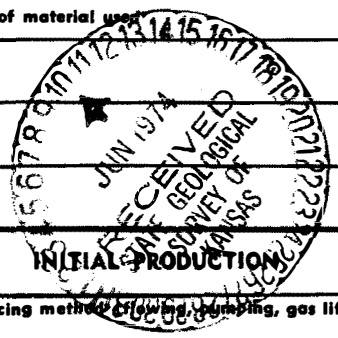
Size	Setting depth	Packer set at

PERFORATION RECORD

Shots per ft.	Size & type	Depth interval

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, Konsas 66044.

C-10-1972

Operator	DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.:
Alex A. & Helen M. Murdock	Gas
Well No. 2 / **Lease Name** Murdock	
S 31 T 15 R 22 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
	STRATA	THICKNESS		
Soil		2		2
Clay		2		4
Lime		6		10
Shale-Blk.		5		15
Lime		13		28
Shale		7		35
Lime		20		55
Shale		23		78
Lime		20		98
Shale		15		113
Lime		2		115
Shale		66		181
Lime		24		205
Shale		28		233
Lime		5		238
Shale		57		295
Lime		22		317
Shale-Blk.		8		325
Lime		24		349
Shale		4		353
Lime		6	Hertha	359
Shale		2		361
Lime		7		368
Shale		24		392
Sand-gas		16	Knobtown	408
Shale		6		414 &.D.

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

Date Received

Roger A. Hughes
Signature

Partner Hughes Bros Drilling
Title

April 17, 1974
Date