

State Geological Survey
WICHITA, BRANCH

KANSAS DRILLERS LOG

S. 26 T. 10s R. 25 ^{Ex}_W
 Loc. C S/2 NE SW
 County Graham

API No. 15 — 065 — 20,800
County Number

Operator
Murfin Drilling Company

Address
617 Union Center, Wichita, Ks 67202

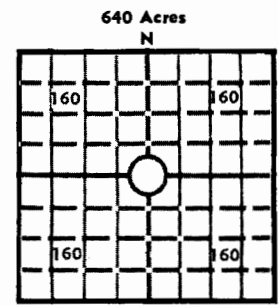
Well No. 1 Lease Name ANDREW KNOLL

Footage Location
990 feet from (N) (S) line 660 feet from (E) (W) line SW/4

Principal Contractor Murfin Drilling Geologist _____

Spud Date 11/4/75 Total Depth 3855' P.B.T.D. ---

Date Completed 11/9/75 Oil Purchaser ---



Elev.: Gr. 2502
 DF _____ KB 2507

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#	130	Common SunSet	100	

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 Murfin Drilling

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

Well No.
1

Lease Name
ANDREW KNOLL

S 26 T 10s R 25 ~~EX~~
W

WELL LOG

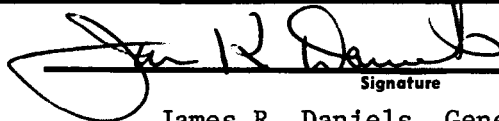
Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.

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

FORMATION DESCRIPTION, CONTENTS, ETC.	TOP	BOTTOM	NAME	DEPTH
surf soil & sand		40	Anhydrite top	2160 +347
surf sand, clay		95	base	2196 +311
shale (blue)		130	Topeka	3574 -1267
sand, shale		930	Heebner	3792 -1285
shale		1695	Toronto	3816 -1309
sand (cedar hill)		1920	LKC	3830 -1323
shale (red bed)		1960	LTD	3857 -1350
shale		2158		
anhydrite		2198		
shale		2630		
lime, shale		3090		
lime		3235		
lime, shale		3855		
TD		3855		
No DST's				

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

Date Received


Signature

James R. Daniels, General Manager

Title

November 24, 1975

Date

0698L

WELL LOG

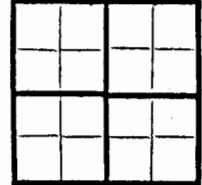
State Geological Survey
WICHITA, BRANCH
COMPANY Murfin Drilling

SEC. 26 T. 10S R. 25W
LOC. C S/2 NE SW

FARM ANDREW KNOLL NO. 1

RIG. NO. 16
TOTAL DEPTH 3855'
COMM. 11/4/75 COMP. 11/9/75

COUNTY Graham
KANSAS



CONTRACTOR Murfin Drilling

CASING

20	10
15	8 5/8" @ 130' w/100 sx
12	6
13	5

ELEVATION 2502 GL

PRODUCTION Dry Hole

FIGURES INDICATE BOTTOM OF FORMATIONS

- 40 - surf soil & sand
- 95 - surf sand, clay
- 130 - shale (blue)
- 930 - sand, shale
- 1695 - shale
- 1920 - sand (cedar hill)
- 1960 - shale (red bed)
- 2158 - shale
- 2198 - anhydrite
- 2630 - shale
- 3090 - lime, shale
- 3235 - lime
- 3855 - lime, shale
- 3855 - TD