

**IMPORTANT**  
Kans. Geo. Survey request  
samples on this well.

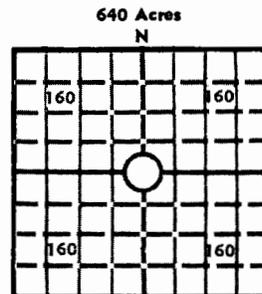
15-039-20447  
Survey

9-2-27W

S. 9 T. 2 R. 27 W

Loc. NW SE

County Decatur



Locate well correctly

Elev.: Gr. 2526'

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

API No. 15 — 039 — 20,447  
County Number

Operator  
Murfin Drilling Co.

Address  
617 Union Center Wichita, Kansas 67202

Well No. #1 Lease Name Cathcart

Footage Location  
660 feet from (N) line 660 feet from (W) line of SE/4

Principal Contractor Geologist  
Murfin Drilling Company J.L. Reeves

Spud Date Total Depth P.B.T.D.  
3-5-79 3866'

Date Completed Oil Purchaser  
3-12-79 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
Surf. Csg.	12 1/2"	8 5/8"	24#	201'	60-40 Pozmix	165	3% CaCl

**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.)				
<b>RATE OF PRODUCTION PER 24 HOURS</b>	Oil	Gas	Water	Gas-oil ratio	
	bbis.	MCF	bbis.	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 Co.

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

Well No. 1  
Lease Name Cathcart

S 9 T 2 R 27 W

**WELL LOG**

Show all important zones of porosity and contents thereof; casing 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
Surfacc, Clay & Sand		86'	T/ANHYDRITE	2062'
Ochra, Black Shale		205'	B/ANHYDRITE	2095'
Sand & Shale		2061'	SEVERY	3207'
Anhydrite		2095'	TOPEKA	3229'
Sand & Shale		2495'	L/KC	3397'
Shale		3165'		
Shale & Lime		3530'		
Lime & Shale		3690'		
Shale & Lime		3830'		
Shale, Lime and Granite		3866'		
DST #1: 3410-60'/30-60-60-60, rec. 325' MSW. FP: 36-198#, SIP: 1230-1230#.				
DST #2: 3450-3430'/45-45-45-45, rec. 62' M. FP: 90-90#, SIP: 1257-1257#.				

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

Date Received

*Wm. S. Shropshire*  
Signature

Wm. S. Shropshire, Asst. General Manager

Title  
March 30, 1979

Date