WICHITA BRANCH

Kans. Geo. Survey request samples on this well.

KANSAS DRILLERS LOG

S. 27 T. 25S R. 18W E/W

API No. 15 — 047 (County) — 20438 (Number)

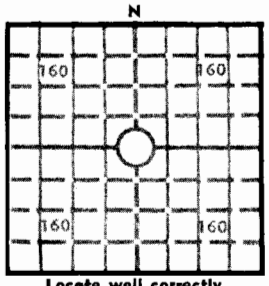
Loc. 150'SW of C NE SE

Operator
Murfin Drilling Co.

County Edwards

Address
617 Union Center Wichita, Ks. 67202

640 Acres



Locate well correctly

Well No.	Lease Name
#1-27	Dimmick

Footage Location
1875 feet from (N) (S) line 765 feet from (E) (W) line SE/4

Principal Contractor	Geologist
Murfin Drilling Company	Charles Spradlin

Spud Date	Total Depth	P.B.T.D.
10-8-78	4685'	4642½'

Date Completed	Oil Purchaser
10-21-78	none

Elev.: Gr. 2171'

DF _____ KB 2180'

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.	12¼	8 5/8	24#	495'	Pozmix	200	2% Gel + 3% CaCl
Prod. Csg.	7 7/8	4 1/2	10.5#	4684'	Class A	125	10% salt + 3/4% CFR-2
					Class A Latex	50	
					50-50 Poz	100	10% salt

LINER RECORD

Top, ft.	Bottom, ft.	Sacks cement

TUBING RECORD

Size	Setting depth	Packer set at
2 3/8"	4565'	

PERFORATION RECORD

Shots per ft.	Size & type	Depth interval
8		4594-4604'

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
150 gal. 15% MCA	
2000 gal. MOD-202 w/80 quality N_2	

INITIAL PRODUCTION

Date of first production	Producing method (flowing, pumping, gas lift, etc.)
SHUT IN GAS WELL	SHUT IN GAS WELL

RATE OF PRODUCTION PER 24 HOURS	Oil	Gas	Water	Gas-oil ratio
	------- bbls.	COF-517 MCF	------ bbls.	-------- CFPB

Disposition of gas (vented, used on lease or sold): --------

Producing interval(s): 4594-4604'

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	DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.:
MURFIN DRILLING COMPANY	Gas Well

Well No.	Lease Name
1-27	Dimmick

S 27 T 25S R 18W E/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
Surface soil, Clay & Sand		165'	ANHYDRITE	1263'
Sand		275	B/FLORENCE	2667
Shale		500	WREFORD	2721
Shale & Red Beds		1264	COTTONWOOD	2869
Anhydrite		1280	NEVA	3019
Shale		1475	RED EAGLE PORO.	3099
Shale & Lime		2040	WOOD SIDING	3207
Shale		2208	STOTLER	3348
Shale & Lime		2390	TARKIO	3388
Lime & Shale		3427	TOPEKA	3567
Lime		3536	HEEBNER	3926
Lime & Shale		4205	BROWN LIME	4056
Lime - RTD		4685	LANSING	4068
			B/KC	4428
			CHEROKEE	4556
			MISSISSIPPIAN	4590
			KINDERHOOK SD.	4647
			RTD	4685

DST #1: 4575-4620'/30-45-60-90. GTS 6". 1st: 195/10"; 195/20"; 195/30". 2nd: 242/10"; 242/20"; 220/30" and stab. Rec. 62' GCM. FP: 92/92-69/69#; SIP: 1462-1407#.

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

Date Received

Larry M. Jack
Signature

Larry M. Jack, Production Manager
Title

December 28, 1978
Date

15-047-20438

State Geological Survey
WICHITA BRANCH

WELL LOG

COMPANY Murfin Drilling Company

FARM DIMMICK NO. 1-27

RIG. NO. 19

TOTAL DEPTH 4685'

COMM. October 8, 1978 COMP. October 21, 1978

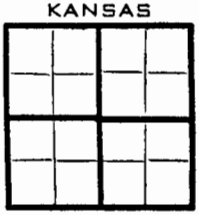
CONTRACTOR Murfin Drilling Company

SEC. 27 T. 25S R. 18W

LOC. C NE SE

COUNTY Edwards

KANSAS



CASING

20
15
12
13

10
8-5/8" @ 295' w/335 sx.
6
5
4½" @ 4684' w/275 sx.

ELEVATION

PRODUCTION

FIGURES INDICATE BOTTOM OF FORMATIONS

165'	Surface soils, Clay & Snad
275'	Sand
500'	Shale
1264'	Shale & Red Beds
1280'	Anhydrite
1475'	Shale
2040'	Shale & Lime
2208'	Shale
2390'	Shale & Lime
3427'	Lime & Shale
3536'	Lime
4205'	Lime & Shale
4685'	Lime RTD