

State Geological Survey

WICHITA, BRANCH

API No. 15 — 065 — 20,634
County Number

Operator

Murfin Drilling

Address 617 Union Center
Wichita, Kansas

Well No. #1 Lease Name Sproul

Footage Location

990 feet from (N) (S) line 330 feet from (E) (W) line

Principal Contractor

Murfin Drilling Company

Geologist

Roger Welty

Spud Date

9-23-73

Total Depth

4030'

P.B.T.D.

4003'

Date Completed

11-4-73

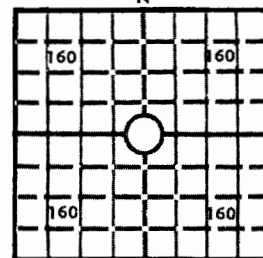
Oil Purchaser

Clear Creek, Inc.

S. 22 T. 10 R. 24*
W

Loc. SW NW SE

County Graham

640 Acres
N

Elev.: Gr. 2449

DF KB 2454

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#	212'	Sunset	150	
Production	7 7/8"	5 1/2"	14#	4029'	Common	200	SS Densified

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			3	1/2" bullets	3983-89
			4	bullets	3961-65
			4	bullets	3929-30, 3924-26,
					3918-20
			3	SPE	3961-65

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
250 gal MCA 15% - 1250 gal MOD 303 acid	3983-89
500 gal 15% N.E. acid - 1500 gal MOD 303 + 200# gal TLC 80 plugging material	3961-65
500 gal 15% N.E. acid	3961-65

INITIAL PRODUCTION

Date of first production		Producing method (flowing, pumping, gas lift, etc.)			
11-20-73		Pumping			
RATE OF PRODUCTION PER 24 HOURS	Oil	Gas	Water	Gas-oil ratio	
	30 bbls.	MCF	bbls.	CFPB	
Disposition of gas (vented, used on lease or sold)			Producing interval(s)		
			See above		

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 COMPANY		DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.:	
Well No. 1	Lease Name Sproul	Oil	
S <u>22</u> T <u>10S</u> R <u>24</u> ^E _W			
WELL LOG		SHOW GEOLOGICAL MARKERS, LOGS RUN, OR OTHER DESCRIPTIVE INFORMATION.	
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.			
FORMATION DESCRIPTION, CONTENTS, ETC.	TOP	BOTTOM	NAME
Sand - shale	0	160	HEEBNER
Shale	160	310	TORONTO
Shale - sand	310	1380	LANSING
Shale	1380	2080	BASE KC
Anhydrite	2080	2114	
Shale	2114	2465	
Lime - shale	2465	3255	
Lime	3255	4030	
TD	4030		
DST #1: 3846-73/30-30-30-30. Rec 720' OSp SW. Press: 1019-44-371-1019#. DST #2: 3898-3956/30-30-30-30. Good blow. Rec 180' VSOGCM, 60' OGCM, 120' HDGCM. SIP 1285-1232#, FP 55-207#. DST #3: 3949-4000/30-30-30-30. Strong blow. Rec 60' Gas, 60' SOGCM, 60' VHOECM, 180' GMD, 1140' GO. SIP 1200-1232#, FP 153-578#. DST #4: 3780-3835/ packer failed - misrun DST #5: 3800-40/30-30. Rec 5' OSpM. ISIP 1094#, FP 22-22#.			
USE ADDITIONAL SHEETS, IF NECESSARY, TO COMPLETE WELL RECORD.			
Date received JAN 1974 RECEIVED STATE GEOLOGICAL SURVEY OF KANSAS	 Signature JAMES R. DANIELS, General Manager Title December 12, 1973 Date		

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