



# State Geological Survey

## WICHITA, BRANCH

### KANSAS DRILLERS LOG

S. 14 T. 3S R. 42 <sup>E</sup><sub>W</sub>

API No. 15 — 023 — 20,117  
County Number

copy

Loc. C SW/4  
County Cheyenne

Operator Murfin Drilling Company

Address 617 Union Center Building

Well No. #1-14 Lease Name Hilt

Footage Location 1320' feet from (N) <sup>(S)</sup> line 1320' feet from (E) <sup>(W)</sup> line

Principal Contractor Murfin Drilling Company Geologist \_\_\_\_\_

Spud Date 12/21/79 Total Depth 2200' P.B.T.D. 1607'

Date Completed 12/22/79 Oil Purchaser NONE

640 Acres  
N

Locate well correctly  
Elev.: Gr. 3670'

DF \_\_\_\_\_ KB 3675'

### 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"	24-28	285'	60-40 posmix	225	3% Sunset
Production	7 7/8"	4 1/2"	9.5-10.5	1650'	50-50 posmix	125	2% Ge1, 3% CaCl 10% salt, 3/4% CFR-

### LINER RECORD

### PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			4		1514'-18'
					1520'-32'

### TUBING RECORD

Size	Setting depth	Packer set at
1 1/2"	1501'	None

### ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
Acidized w/500 gal. 10% Acetic Acid	1514'-32'
Frac.'d w/ 10,000# sand-foam frac.	1514'-32'

### INITIAL PRODUCTION

Date of first production <u>5/10/80</u>	Producing method (flowing, pumping, gas lift, etc.)
RATE OF PRODUCTION PER 24 HOURS	Oil _____ bbls. Gas <u>2-16</u> MCF Water _____ bbls. Gas-oil ratio _____ CFPB
Disposition of gas (vented, used on lease or sold) <u>Vented</u>	Producing interval (s) <u>1514'-32'</u>

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. #1-14 Lease Name Hilt Gas

S 14 T 3S R 42 <sup>F</sup><sub>W</sub>

**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
Shale		2200'	Niobrara	1506'

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

Date Received \_\_\_\_\_  
Wayne Johnston  
Signature  
Wayne Johnston - Production Manager  
Title  
8-27-80  
Date