

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

15 - 070 - 2000, 94

API No. 15 — 023 — 20,094  
County Number

S. 24 T. 3 R. 42 <sup>K</sup>/<sub>W</sub>

Loc. C SW

County Cheyenne

Operator  
Murfin Drilling Co.

Address 617 Union Center Wichita, Kansas 67202

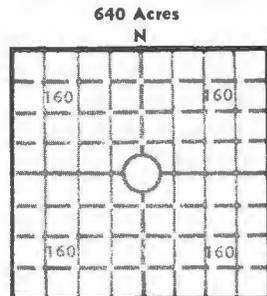
Well No. #1-24 Lease Name Raile

Footage Location  
1320 feet from (N) (S) line 1320 feet from (E) (W) line SW/4

Principal Contractor Murfin Drilling Company Geologist

Spud Date 11-20-78 Total Depth 2232' P.B.T.D. 1535'

Date Completed 11-24-78 Oil Purchaser none



Locate well correctly  
Elev.: Gr. 3609'

DF KB 3614'

**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 1/4"	8 5/8"	24#	232'	60-40 Pozmix	225	3% Sunset
Prod. Csg.	7 7/8"	4 1/2"	10.5#	1566'	Class A	125	10% Salt, 3/4% CFR-2

**LINER RECORD**

**PERFORATION RECORD**

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			8		1455-65'

**TUBING RECORD**

Size	Setting depth	Packer set at
none		

**ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD**

Amount and kind of material used	Depth interval treated
100 gal. acetic acid	
Frac w/300 sx sand, 180 BW, 250,000 SCF N <sub>2</sub>	

**INITIAL PRODUCTION**

Date of first production <u>6/27/79</u>	Producing method (flowing, pumping, gas lift, etc.) <u>Flowing</u>
RATE OF PRODUCTION PER 24 HOURS	Oil <u>190</u> bbls. Gas <u>190</u> bbls. Water <u>MCF</u> Gas-oil ratio <u>CFPB</u>
Disposition of gas (vented, used on lease or sold)	Producing interval (s) <u>1455-65'</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.: GAS

Well No. 1-24 Lease Name Raile

S 24 T 3 R 42 E W

**WELL LOG**

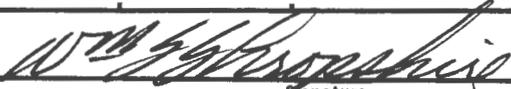
Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.

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

FORMATION DESCRIPTION, CONTENTS, ETC.	TOP	BOTTOM	NAME	DEPTH
Surface soils, sand and shale Clay and shale Shale - RTD		158' 180' 2229	NIOBRARA	1476'
NO DRILL STEM TESTS				

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

Date Received

  
 Signature  
 Wm. S. Shropshire, Asst. General Manager  
 Title  
 June 28, 1979  
 Date