

**KANSAS DRILLERS LOG**

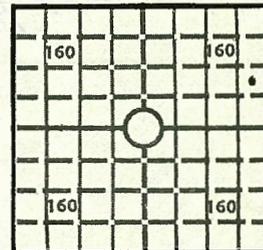
*State Geological Survey  
WICHITA, BRANCH*

S. 4 T. 24 S. R. 4 ~~W~~ <sup>W</sup>

Loc. NE SE NE section

County Reno

640 Acres  
N



Elev.: Gr. 1480'

DF \_\_\_\_\_ KB 1485'

API No. 15 — 155 County — 20,733 Number

Operator  
A. Scott Ritchie  
Address  
125 N. Market, Suite 950 Wichita, Kansas 67202

Well No. 4 Lease Name Hoffman

Footage Location  
990 feet from (N) (S) line 330 feet from (E) ~~W~~ line NE/4

Principal Contractor Red Tiger Drilling Geologist A. Scott Ritchie

Spud Date 1/5/81 Total Depth 3382' P.B.T.D. \_\_\_\_\_

Date Completed 2/16/81 Oil Purchaser Koch Oil Company

**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	15"	10 3/4"	40.50#	318"	common	250	2% gel, 3% CC.
production		5 1/2"	14.5	3381'	60/40 poz	80	10% salt, 3% gilsonite

**LINER RECORD**

**PERFORATION RECORD**

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			4	SSB	3325' - 3336'

**TUBING RECORD**

Size	Setting depth	Packer set at

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

Amount and kind of material used	Depth interval treated
Acidized with 1000 gal. 15% INS with double CLA-STA added.	3325' - 3336'
Fracture treated with 500 bbls. gelled water and 50 sacks of sand.	" "

**INITIAL PRODUCTION**

Date of first production <u>2/16/81</u>	Producing method (flowing, pumping, gas lift, etc.) <u>pumping</u>
RATE OF PRODUCTION PER 24 HOURS	Oil <u>30</u> bbls. Gas <u>none</u> MCF Water <u>80%</u> bbls. Gas-oil ratio <u>none</u> CFPB
Disposition of gas (vented, used on lease or sold)	Producing interval(s) <u>3325' - 3336'</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  
A. Scott Ritchie

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

Well No. 4 Lease Name Hoffman

S 4 T 24SR 4 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
No Drill Stem Test. No electric log ran.			SAMPLE TOPS	
			Cherokee shale	3152' (-1677)
			Black Sh. Marker	3256' (-1781)
			Mississippi	3286' (-1811)
			Osage	3324' (-1849)
			RTD	3382' (-1907)

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

Date Received	<p><i>F. Judson Higgs</i></p> <p>Signature</p>
	<p>F. Judson Higgs, Geologist</p> <p>Title</p>
	<p>May 7, 1981</p> <p>Date</p>