

WICHITA BRANCH
KANSAS DRILLERS LOG

S. 14 T. 10S R. 22 $\frac{1}{4}$ W

API No. 15 — Graham — 065-20,940
County Number

Loc. NW NE NW

County Graham

Operator
A. Scott Ritchie

Address
Suite 950 - 125 N. Market; Wichita, Kansas

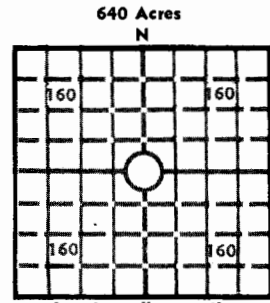
Well No. 4 Lease Name
Holmquist-Holmes

Footage Location
feet from (N) (S) line feet from (E) (W) line

Principal Contractor
Murfin Drilling Co. Geologist
Terry McLeod

Spud Date
8/04/77 Total Depth
4818' P.B.T.D.

Date Completed
8/24/77 Oil Purchaser
Clear Creek, Inc.



Elev.: Gr. 2292'

DF _____ KB 2297'

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#	257'	quickset	175	
production		4 1/2"		3815'	common	150	10% salt; 10 bbl. brine pre-flush

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			2	D.P.	3679' - 3684'
			2	D.P.	3717' - 3721'

TUBING RECORD

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
1500 gallons 28% demulsified acid	3681' - 3763'

INITIAL PRODUCTION

Date of first production <u>9/02/77</u>	Producing method (flowing, pumping, gas lift, etc.) <u>pumping</u>			
RATE OF PRODUCTION PER 24 HOURS	Oil <u>30</u> bbls.	Gas <u>MCF</u>	Water <u>bbls.</u>	Gas-oil ratio <u>CFPB</u>
Disposition of gas (vented, used on lease or sold)			Producing interval (s) <u>3679' - 3684'; 3717' - 3721'</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 Holmquist-Holmes	
S 14 T 10S R 22 EX 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
DST #1 3534' - 3551' Rec. 400' gas in pipe, 20' oil cut mud; 70' mud cut oil, 110' clean oil. Weak steady blow. IFP 40-70#/30"; FFP 82-100#/30"; ISIP 472#/45"; FSIP 472#/45".				
DST #2 3568' - 3593' Weak blow 15 min and died. Rec. 30' mud. IFP 20-20#/30"; FFP 20-40#/30"; ISIP 60#/45"; FSIP 60#/45".				
DST #3 3590' - 3622' Rec. 640' muddy oil possible trace of water. IFP 70-181#/45"; FFP 201-251#/45"; ISIP 802#/45" FSIP 762#/45".				
DST #4 3630' - 3637' Strong blow. Rec. 1200' salt water, no show of oil. IFP 80-402#/30"; FFP 442-562#/30"; ISIP 622#/45"; FSIP 612#/45".				
DST #5 3667' - 3730' Rec. 400' muddy oil, 1000' clean oil and 130' muddy oil. IFP 131-402#/30"; FFP 432-542#/30"; ISIP 1181#/45"; FSIP 1112#/45".				
DST #6 3727' - 3818' Rec. 20' mud. IFP 70-70#/30"; FFP 70-80#/30"; ISIP 482#/45"; FSIP 402#/45".				
			<u>ELECTRIC LOG TOPS</u>	
			Anh	1783' (+ 514)
			B/Anh	1827' (+ 470)
			Top	3294' (- 997)
			Heeb	3502' (-1205)
			Tor	3524' (-1227)
			Lans	3541' (-1244)
			B/Kc	3772' (-1475)
			LTD	3818' (-1521)

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

Date Received	<i>F. Judson Hipps</i>	
	Signature	
	F. Judson Hipps for A. Scott Ritchie	
	Title	
	September 15, 1977	
	Date	

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