

State Geological Survey
WICHITA BRANCH

KANSAS DRILLERS LOG

API No. 15 — 135 — 21,501
County Number

Operator
Walters Drilling Co.

Address
400 Insurance Building - Wichita, Kansas

Well No. 3 Lease Name Stiwalt

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

Principal Contractor Slawson Drilling Company, Inc. Geologist Gerald Becker

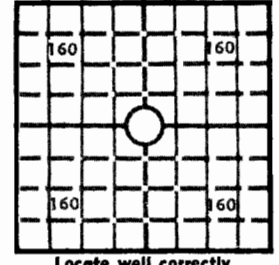
Spud Date August 2, 1978 Total Depth 4900' P.B.T.D. -----

Date Completed August 13, 1978 Oil Purchaser Koch Oil Company

S. 20 T. 17 R. 24W E W
Loc. C SW/4 NW/4

County NESS

640 Acres
N



Elev.: Gr. 2390

DF 2392 KB 2395

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#	721'	60-40 Pozmix	450	2% gel-3% CaCl
Production		5-1/2"	15 1/2 #	475 3	Halco Lite	250	
					Common Pozmix 'A'	90 60	

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			3		4254 to 4258

TUBING RECORD

Size	Setting depth	Packer set at
2-3/8"	4248'	None

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
500 gals 15% MCA	4254' to 4258'

INITIAL PRODUCTION

Date of first production		Producing method (flowing, pumping, gas lift, etc.) Pump			
RATE OF PRODUCTION PER 24 HOURS	Oil 63.57 bbls.	Gas MCF	Water None bbls.	Gas-oil ratio CFPB	
Disposition of gas (vented, used on lease or sold)			Producing interval(s)		

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 Walters Drilling Co. DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.: Oil

Well No. 3 Lease Name Stiwalt

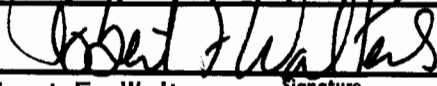
S~~20~~-T~~17S~~-R~~24~~-W^E

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 (Fort Scott) 30"/45"/60"/60" GTS in 5" - second opening, stabilized at 7.88 mcf. Rec. 682' free oil, 620' mud cut oil, IFP's 115-161#, FFPs 368-483#, SIP's 886-774#, BH Temp 118, gravity 41.	4235	4290	Log tops: Heebner Lansing B/KC Pawnee Fort Scott Cher Shale	3714 3755 4047 4174 4253 4278
DST #2 (Mississippian) 30"/30"/30"/30" very weak blow - died in 18". Flushed tool second opening - no help. Rec. 30' sli oil cut mud, IFP's 46-46#, FFP's 46-46#, SIP's 685-729#, BH Temp 121	4363	4375	Mississippian Osage Kind. Lm Kind. Sh Viola Simpson Sh Simpson Sd Arbuckle	4349 4450 4522 4648 4661 4758 4760-64 4766
			PetroLog Radiation Guard Log	

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

Date Received _____


 Robert F. Walters Signature
 Managing Partner, Walters Drilling Co. Title
 December 13, 1978 Date

20-17-24W

DRILLING LOG

OPERATOR: Walters Drilling Company
400 Insurance Building
Wichita, Kansas 67202

LEASE: Stiawalt No.3
C SW NW Sec. 20-17S-24W
Ness County, Kansas

CONTRACTOR: Slawson Drilling Company, Inc.
200 Douglas Building
Wichita, Kansas 67202

COMMENCED: 8/2/78

COMPLETED: 8/11/78

RTD: 4900'

CASING: 8-5/8" set at 721' with 450 sx cement

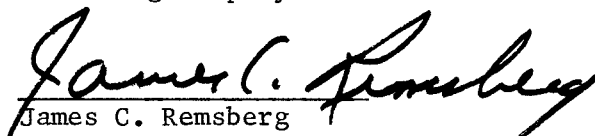
OIL STRING: 5-1/2" set at 4753' with 675 sx cement

0' to 726' 12 $\frac{3}{4}$ " Surface Hole
726' to 758' Shale
758' to 1470' Shale & Sand
1470' to 1926' Shale & Shells
1926' to 2995' Shale
2995' to 3150' Shale & Lime
3150' to 3536' Lime & Shale
3536' to 3735' Shale & Lime
3735' to 3995' Lime & Shale
3995' to 4102' Shale & Lime
4102' to 4220' Lime & Shale
4220' to 4290' Shale & Lime
4290' to 4900' Lime
RTD 4900'

STATE OF KANSAS

COUNTY OF SEDGWICK

I, James C. Remsberg, of the Slawson Drilling Company, Inc. hereby state that the above and foregoing is a true and accurate copy of the Stiawalt No. 3 log for Walters Drilling Company.


James C. Remsberg

Subscribed and sworn to me this 22nd day of August 1978


Mary Lou Taylor