

KANSAS DRILLERS LOG

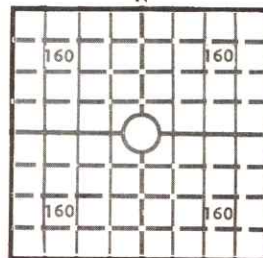
API No. 15 — 135 — 21,619
County Number

S. 29 T. 16S R. 25W E
W

Loc. C W/2 NW/4

County Ness

640 Acres
N



Locate well correctly

Elev.: Gr. 2565

DF 2567 KB 2570

Operator
 Chief Drilling Co., Inc.

Address
 905 Century Plaza, Wichita, Kansas 67202

Well No. #8 Lease Name Michaelis

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

Principal Contractor Warrior Drilling, Inc. Geologist Tom Wesselowski

Spud Date May 9, 1979 Total Depth 4505' P.B.T.D.

Date Completed June 26, 1979 Oil Purchaser Clear Creek, Inc.

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
	12 1/4"	8 5/8"	28 lb.	323'	Common	170	3% c.c., 2% gel
		4 1/2"		4499'	50/50 posmix 60/40 posmix	500 300	6% gel. salt satur.

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			4	Reg.	4387-90'
TUBING RECORD			4	Reg.	4402-07'
Size	Setting depth	Packer set at			
2 3/8"	4491.11'	None			

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
4000 gals.	4387-4407'

INITIAL PRODUCTION

Date of first production June 29, 1979 Producing method (flowing, pumping, gas lift, etc.) Pumping

RATE OF PRODUCTION PER 24 HOURS	Oil <u>40</u>	Gas <u>None</u>	Water <u>30%</u>	Gas-oil ratio <u>None</u>
	<small>bbls.</small>	<small>MCF</small>	<small>XXX</small>	<small>CFPB</small>

Disposition of gas (vented, used on lease or sold) _____ Producing interval (s) 4385-4505'

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 Chief Drilling Co., Inc.		DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.:
Well No. #8	Lease Name Michaelis	Oil Well
S 29 T 16S R 25W 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.

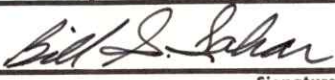
SHOW GEOLOGICAL MARKERS, LOGS RUN, OR OTHER DESCRIPTIVE INFORMATION.

FORMATION DESCRIPTION, CONTENTS, ETC.	TOP	BOTTOM	NAME	DEPTH
DST #1 4368-4430' 30-30 60-45 Strg. to gd. bl. Rec. 800' GIP; 165' Oil; 120' MO IBHP: 1005# FBHP: 977# FP: 66-185#			Anhydrite	1933
			Base Anhy.	1966
			Heebner	3838
			LKC	3877
			Ft. Scott	4387
DST #2 4435-99' 30-30 30-30 Wk. bl. 10" Rec. 12' OCM w/1' free oil IBHP: 225# FBHP: 166# FP: 20-50#			Miss. Dolo.	4492
			RTD	4505
DST #3 4498-4505' 30-30 30-45 Wk. 30" bl., inter. 20" Rec. 15' free oil; 15' OCM IBHP: 1005# FBHP: 948# FP: 28-40#				

FORMATION	FROM	TO	ELEVATIONS
Surface Sand & Clay	0	317	2565 Gr.
Shale	317	1933	2567 D.F.
Anhydrite	1933	1966	2570 K.B.
Shale	1966	2370	
Shale & Lime	2370	3714	
Lime & Shale	3714	4280	
Lime	4280	4505	
RTD	4505		

4 1/2" @ 4499' w/800 sx.

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

Date Received	 Signature Bill G. Lahar, Manager of Exploration Title August 28, 1979 Date
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