

Kans. Geo. Survey request samples on this well.

15-077-20508

WICHITA BRANCH
KANSAS DRILLERS LOG

S. 27 T. 33 R. 8 W
Sec. C SE SW

API No. 15 — 077 — 20,508
County Number

County Harper

Operator
W. L. Kirkman, Inc.

Address
453 South Webb Road Wichita, Kansas 67207

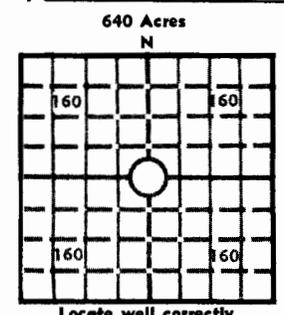
Well No. #1 Lease Name Kastens

Footage Location 160 FSL 480 FWL
feet from (N) (S) line feet from (E) (W) line

Principal Contractor H-30, Inc. Geologist Terry Michael

Spud Date 2-10-79 Total Depth 4662 P.B.T.D.

Date Completed 2-21-79 Oil Purchaser



Elev.: Gr. 1386
DF KB 1394

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		8-5/8		285		200	
Production		4-1/2		4654		200	

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
TUBING RECORD			OPEN HOLE		
Size	Setting depth	Packer set at			
	4618				

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
1000 gal. req. 28%	

INITIAL PRODUCTION

Date of first production		Producing method (flowing, pumping, gas lift, etc.)			
RATE OF PRODUCTION PER 24 HOURS	Oil	Gas	Water	Gas-oil ratio	CFPB
	5 bbls.	MCF	bbls.		
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 W.L. Kirkman, Inc.		DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.:
Well No. 1	Lease Name Kastens	
S 27 T 38 R 8 ^K / _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 4536-4573 30-45-30-45 ISIP 243 FSIP 183			Heebner Iatan Stalnaker Sand K.C. Stark Shale Bs/KC.	3474 3784 3808 4078 4224 4315
DST #2 4632-4662 30-50-30-60 Rec. 150' VHO & GCM 180' gassy oil			Cherokee Mississippi	4495 4634

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

Date Received	_____ Signature
	_____ Title
	_____ Date

COMPANY W. L. Kirkman, Inc.

SEC. 27 T. 33S R. 8W
LOC. C-SE SW

FARM Kastens NO. 1

COUNTY Harper

ROTARY TOTAL DEPTH 4,662'
COMM. February 10, 1979 COMP. February 21, 1979
CONTRACTOR H-30, Inc. (Rig #5)
ISSUED March 5, 1979

CASING

10 3/4"
8 5/8" Set at 295' cemented w/200 sxs cement
5 1/2"
4 1/2" Set at 4,648' cemented w/200 sxs cement

ELEVATION 1,394' K.B.

FIGURES INDICATE BOTTOM OF FORMATIONS

Red Bed	971'
Red Bed and Shale	1,520'
Lime and Shale	1,725'
Shale	2,371'
Lime and Shale	3,015'
Shale	3,520'
Shale and Lime	3,697'
Shale	3,809'
Lime and Shale	4,005'
Shale and Lime	4,476'
Shale	4,573'
Lime and Shale	4,662'
Rotary Total Depth	4,662'

I hereby certify the above and foregoing to be
a true and correct log of the above described
well as shown by the drilling reports.

H-30, Inc.

Dean Britting
Dean Britting

State of Kansas }
County of Sedgwick } ss:

Subscribed and Sworn to before me a Notary Public
in and for said county and state this 5th day of
March, 1979.