

15-193-20119

State Geological Survey
WICHITA BRANCH
KANSAS DRILLERS LOG

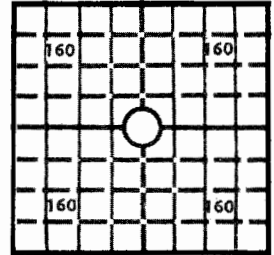
IMPORTANT
Kans. Geo. Survey request
samples on this well.

S. 21 T. 9 R. 33 ¹⁶W
Loc. 100' E/SW SW SE

API No. 15 — 193 — 20,119
County Number

County Thomas

640 Acres
N



Elev.: Gr. 3156
DF 3158 KB 3161

Operator
Isern Petroleum Company

Address
Box 486 Ellinwood, Kansas 67526

Well No. #1 Lease Name Herbel "A"

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

Principal Contractor Abercrombie Geologist Lewis Chubb

Spud Date February 15, 1977 Total Depth 4760 P.B.T.D.

Date Completed February 24, 1977 Oil Purchaser

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	28#	309	common	200	2% Gel 3% C.C.
Production	7 7/8	4 1/2	10 1/2#	2739.98	common	275	50/50 posmix 6% gel

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval

Size	Setting depth	Packer set at

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated

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
	bbls.	MCF	bbls.	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 Isern Petroleum Company		DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.:
Well No. 1	Lease Name HERBEL "A"	SWDW
S 21 T 9 R 33 E W Thomas County, Kansas		


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
	0	70	FORMATION TOPS	
Shale & Sand	70	315		
Sand & Shale	315	3535	Heebner	4065
Shale & Sand	3535	4163	Toronto	4088
Lime & Shale	4163	4564	Lansing	4105
Lime	4564	4660	Base K.C.	4385
Shale & Lime	4660	4760	Pawnee	4506
Lime		4760	Cherokee	4565
RTD			Johnson	4644
			Mississippi	4710
<u>TO BE COMPLETED AS A SWDW AT A LATER DATE</u>				

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

Date Received	 Signature
	General Manager Title
	4-27-77 3-8-77 Date

19Lb7

State Geological Survey
WICHITA, BRANCH

CONTRACTOR'S WELL LOG

OPERATOR:	ISERN Petroleum Co.
CONTRACTOR:	Abercrombie Drilling, Inc.
WELL NAME:	HERBEL "A" #1
LOCATION:	100' E of SW SW SE, Sec. 21-9S-33W, Thomas County, Ks.
SPUD DATE:	2-15-77
COMPLETION DATE:	2-24-77

0	70	Shale & Sand
70	315	Sand & Shale
315	3535	Shale & Sand
3535	4163	Lime & Shale
4163	4564	Lime
4564	4660	Shale & Lime
4660	4760	Lime
	4760	Rotary Total Depth

Spud hole at 2:30 p.m. 2-15-77. Drilled 315' of 12¼" hole. Ran 8 jts. of used 8 5/8" 8# Surface Casing. (Tally 301.60') Set at 309.60'. Cemented with 200 sx. common cement, 2% gel, 3% Ca. Cl. Plug was down at 8:00 p.m. 2-15-77. Cement did circulate.

T.D. 4760', ran 70 jts. of new 4½" - 10½# Casing. (Tally 2733.98') Set at 2739.98'. Cemented with 275 sx. of 50/50 posmix, 6% gel. Job was complete at 7:00 a.m. 2-24-77.

SAMPLE TOPS:

Anhydrite 2710'
'Anhydrite 2767'

STATE OF KANSAS)
) SS
COUNTY OF SEDGWICK)

Jack L. Partridge, Assistant Secretary-Treasurer of Abercrombie Drilling, Inc., does hereby state that the above and foregoing is a true and correct copy of the log of the HERBEL "A" #1, 100' E of SW SW SE, Section 21-9S-33W, Thomas County, Kansas.

ABERCROMBIE DRILLING, INC.

BY: Jack L. Partridge
Jack L. Partridge, Asst. Sec.-Treas.

Subscribed and sworn to before me, a Notary Public, in and for the aforesaid county and