

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

API No. 15 — 193 — 20,098
County Number

S. 28 T. 9 R. 33 ^R _W

Loc. NW NW NE

County Thomas

Operator

Isern Petroleum Company

Address

Box 486 Ellinwood, Kansas 67526

Well No.

1

Lease Name

Herbel

Footage Location

feet from (N) (S) line

feet from (E) (W) line

Principal Contractor

Chief Drlg. Co., Inc.

Geologist

Lewis Chubb

Spud Date

October 30, 1976

Total Depth

4761'

P.B.T.D.

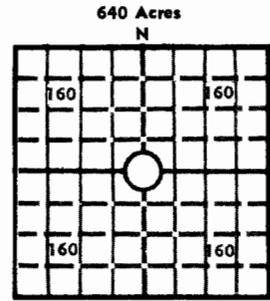
Log 4738

Date Completed

NOvember 14, 1976

Oil Purchaser

Koch Oil Company



Locate well correctly

Elev.: Gr. 3161'

DF 3163' KB 3165'

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#	360'	common	250	2% Gel 3% C.C.
Prod.	7 7/8	5 1/2	14#	4760'	common	150	

LINER RECORD

Top, ft.	Bottom, ft.	Sacks cement

PERFORATION RECORD

Shots per ft.	Size & type	Depth interval
4 holes per ft.		4291-4295

TUBING RECORD

Size	Setting depth	Packer set at
2"	4709	none

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
2500 gallons 15% non-impl.	4291-4295

INITIAL PRODUCTION

Date of first production		Producing method (flowing, pumping, gas lift, etc.)			
11-23-76		pumping			
RATE OF PRODUCTION PER 24 HOURS	Oil	Gas	Water	Gas-oil ratio	CFPB
	100 bbls.	none	none		
Disposition of gas (vented, used on lease or sold)					Producing interval (s)
					4291-4295

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.: OIL

Well No. #1 Lease Name Herbel

S 28 T 9 S R 33 W E₂ 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
Surface mud, sand & shale	0	360		
Shale	360	3795		
Shale & Lime	3795	4228		
Lime & Shale	4228	4300		
Shale & Lime	4300	4340		
Lime	4340	4761		
Rotary Total Depth	4761			

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

Date Received _____

 Signature
 General Manager
 Title
 November 29, 1976
 Date

08L69

November 15, 1976

DRILLERS LOG

15-193-20098
28-9-33W

#1 Herbel
NW NW NE
Sec. 28-9S-33W
Thomas County, Kansas

OPERATOR: Isern Petroleum Company
CONTRACTOR: Chief Drilling Co., Inc.
COMMENCED: October 30, 1976
COMPLETED: November

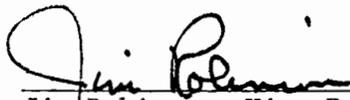
8 5/8" @ 360' w/250 sx

0	360	Surface mud, sand & shale
360	3795	Shale
3795	4228	Shale & lime
4228	4300	Lime & shale
4300	4340	Shale & lime
4340	4761	Lime
4761		RTD

5 1/2" @ 4760' w/150 sx

We certify that the above and foregoing is a true and correct copy of the log on the #1 Herbel located in Thomas County, Kansas

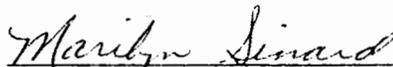
CHIEF DRILLING CO., INC.



Jim Robinson, Vice President

Subscribed and sworn to before me this 18th day of November, 1976.

MARILYN SINARD
STATE NOTARY PUBLIC
SEDGWICK COUNTY, KANSAS
MY COMM. EXP. APR. 30, 1979



Marilyn Sinard Notary Public