

State Geological Survey
WICHITA, BRANCH

KANSAS DRILLERS LOG

S. 7 T. 12 R. 17 ^K/_W

API No. 15 — 051 — 21,277
County Number

Loc. NE SE NE

County Ellis

Operator
Isern Petroleum Company

Address
Box 486 Ellinwood, Kansas

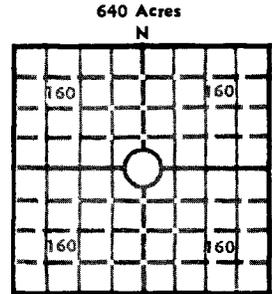
Well No. #2 Lease Name
Herman

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

Principal Contractor Duke Drilling Co. Geologist
Warren O. Johnson

Spud Date January 19, 1977 Total Depth 3686 P.B.T.D.

Date Completed January 24, 1977 Oil Purchaser
Koch Oil Company



Locate well correctly

Elev.: Gr. 2145'

DF 2147' KB 2150'

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#	254	common	150	2% gel 3% C.C.
Prod. String	7 7/8	4 1/2	10 1/2#	3655'	common	100	10% salt & 250 gal. latex on bottom second stag collar set @ 1385' with 375 sacks 50/50 pozmix 6% gel with 10 bbl salt flush ahead

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			
2 3/8	3683				

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
2000 gallons 28% intensified non swelling acid	3677 - 3686

INITIAL PRODUCTION

Date of first production <u>2-5-77</u>	Producing method (flowing, pumping, gas lift, etc.) <u>pumping</u>				
RATE OF PRODUCTION PER 24 HOURS	Oil <u>20</u> bbls.	Gas <u>8</u> bbls.	Water <u>8</u> bbls.	Gas-oil ratio <u>8</u>	CFPB
Disposition of gas (vented, used on lease or sold)			Producing interval (s) <u>3655-3686</u>		

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. #2
Lease Name Herman

S 7 T12S R 17 W^{EX}
Ellis 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
Post rock & shale	0	70'	Anhydrite	1372
Shale, Streaks Sand	70	254	Heebner	3345
Shale	254	680	Lansing	3392
Sand	680	790	Arbuckle	3655
Shale and Sand	790	1372	R. T. D.	3658
Anhydrite	1372	1407		
Shale	1407	1457		
Shale and Lime	1457	3345		
Shale	3345	3349		
Lime and Shale	3349	3655		
Dolomite	3655	3658		
R. T. D.		3658		

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

Date Received

Wilhelm E. Schuby
Signature

General Manager

Title

Date

207HIS