

KANSAS DRILLERS LOG

State Geological Survey

WICHITA, BRANCH

API No. 15 — 051 — 21,072

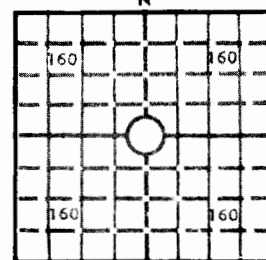
County

Number

S. 17 T. 12 R. 12W

Loc. SW NW SE

County Ellis

640 Acres
N

Locate well correctly

Elev.: Gr. 2152

DF 2154 KB 2157

Operator

Isern Peto. Co.

Address

Box 486, Ellinwood, Kansas 67526

Well No.

#2

Lease Name

Miller A

Footage Location

feet from (N) (S) line

feet from (E) (W) line

Principal Contractor

Duke Drilling Company

Geologist

Warren O. Johnson

Spud Date

June 24, 1975

Total Depth

3701

P.B.T.D.

3701

Date Completed

June 30, 1975

Oil Purchaser

Koch Oil Company

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 1/2	8 5/8	28#	242	125common	125	2% Gel 3% C.C.
Prod.Casing	7 7/8	4 1/2	10	3695	with 10 bbls salt flush & 100 sacks common, salt sat. + 150 gal latex		
					Opened DV Tool pumped 375 sacks 50-1		
					pozmix with 6% gel.		

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			open hole	completion	
TUBING RECORD					
Size	Setting depth	Packer set at			
2 3/8" EUE		none			

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
Acidized with 500 gallons	3695 to 3701

INITIAL PRODUCTION

Date of first production		Producing method (flowing, pumping, gas lift, etc.)			
7-19-75		Pumping			
RATE OF PRODUCTION PER 24 HOURS	Oil	Gas	Water	Gas-oil ratio	
	50	none	4	none	
		bbls.	MCF	bbls.	CFPB
Disposition of gas (vented, used on lease or sold)			Producing interval(s)		
none			3695-3701		

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.

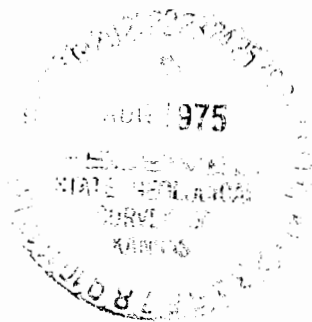
Operator Isern Petroleum Company		DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.: Oil
Well No. 2	Lease Name Miller "A"	
s 17 T 12S 17W* W		Ellis County, Kansas

WELL LOG

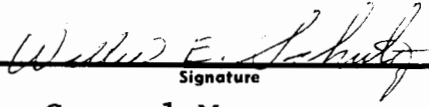
Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.

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

FORMATION DESCRIPTION, CONTENTS, ETC.	TOP	BOTTOM	NAME	DEPTH
Clay	0	40	Anhydrite	1377
Shale & Shells	40	630	Topeka	3130
Sand	630	830	Heebner	3368
Shale, Sand, Shells	830	1025	Lansing	3417
Shale & Red Bed	1025	1377	Conglomerate	3659
Anhydrite	1377	1417	Simpson Sand	3674
Shale & Red Bed	1417	1440	Arbuckle	3693
Shale	1440	1980	R.T.D.	3696
Shale & Lime	1980	3130		
Lime	3130	3368		
Shale	3368	3372		
Shale and Lime	3372	3417		
Lime and Shale	3417	3659		
Chert, Shale, Lime	3659	3674		
Shale	3674	3693		
Dolomite	3693	3696		
R. T.D.		3696		



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

Date Received	<div style="text-align: right;">  Signature General Manager Title July 1975 Date </div>
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321715