COPY

State Geological Survey
WICHITA, BRANCH

KANSAS DRILLERS LOG

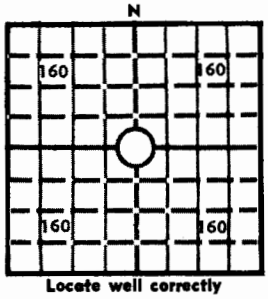
API No. 15 — 077 — 20618
County Number

S. 9 T. 31S R. 8 W

Loc. C. W/2 SE NW

County Harper Co., Kansas

640 Acres
N



Locate well correctly

Elev.: Gr. 1646

DF _____ KB 1656

Operator
PETROLEUM, INC.

Address
Suite 800, 300 West Douglas, Wichita, Kansas 67202

Well No.	Lease Name
1	Warren 'F'

Footage Location
1980 feet from (N) (S) line 1650 feet from (E) (W) line

Principal Contractor	Geologist
Graves Drilling	Bryce Bidleman

Spud Date	Total Depth	P.B.T.D.
9-8-80	4480'	

Date Completed	Oil Purchaser
9-18-80	

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	12¼"	8 5/8"	20#	210'	Common	220	2% Gel 3% CC

LINER RECORD

Top, ft.	Bottom, ft.	Sacks cement

TUBING RECORD

Size	Setting depth	Packer set at

PERFORATION RECORD

Shots per ft.	Size & type	Depth interval

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.

C-10-1972

Operator	DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.:
PETROLEUM, INC.	Dry Hole
Well No. 1 / **Lease Name** Warren 'F'	
S 9 T 31S R 8 E/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 4412-4425', 15-30-60-120, GTS in 45", TSTM. Rec. 60' heavy oil and gas cut mud, 60' slightly oil and gas cut mud. No pressures - tool manlunctioned.			E. L. TOPS	
			Chase	1600
			Heebner	3428
			Lansing	3645
DST #2 4425-4440' 15-30-60-120 Strong blow. GTS in 40", TSTM. Rec. 50' oil and gas cut mud, 150' muddy salt water. IFP 37-56#, ISIP 972#, FFP 56-93#, FSIP 1213#			B/KC	4174
			Marmaton	4204
			Cherokee	4308
			Weath. Miss.	4410
DST #3 4445-4467' 60-60-60-60 Fair blow. Rec. 130' muddy salt water, 15' oil cut mud. IFP 28-74#, ISIP 1301#, FFP 84-102#, FSIP 1310#			Miss.	4426

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

Date Received

Frank L. Stone
Signature

District Geologist
Title

10-6-80
Date

9-31-8W

State Geological Survey
WICHITA, BRANCH

R O T A R Y D R I L L E R S' L O G

OPERATOR: Petroleum, Inc.
300 West Douglas, Suite 800
Wichita, Kansas 67202

DRILLING COMMENCED: September 8, 1980

CONTRACTOR: Graves Drilling Co., Inc.
910 Union Center
Wichita, Kansas 67202

DRILLING COMPLETED: September 18, 1980

CASING RECORD: 5 Jts. 210' of new 8-5/8" cemented with 220 sacks.

LOCATION: Warren "F" No. 1
C W/2 SE NW
Section 9-31S-8W
Harper County, Kansas

- -

0	- 80	Sod, clay & sand
80	- 120	Sand
120	- 210	Red bed
210	- 1553	Red bed & shale
1553	- 1992	Shale & lime
1992	- 2453	Lime & shale
2453	- 3251	Shale & lime
3251	- 3609	Lime & shale
3609	- 3749	Shale & lime
3749	- 4010	Lime & shale
4010	- 4112	Shale & lime
4112	- 4288	Lime & shale
4288	- 4425	Shale & lime
4425	- 4480	Lime
	4480	Rotary Total Depth

I hereby certify the foregoing statements to be true and correct to the best of my knowledge.

by sent to: GRAVES DRILLING CO., INC.