State Geological Survey
WICHITA, BRANCH

KANSAS DRILLERS LOG

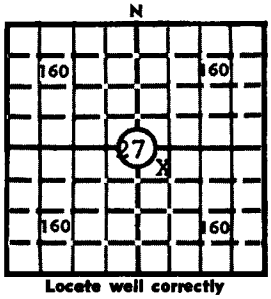
S. 27 T. 14 R. ~~15~~ 13 E W

API No. 15 — 167 (County) — 20,945 (Number)

Loc. N2 NW SE

County Russell

640 Acres



Locate well correctly

Elev.: Gr. 1734

DF 1736 KB 1739

MAY 18 1977

Operator	Shields Oil Producers, Inc.
Address	Shields Bldg., Russell, Kansas 67665
Well No.	#14
Lease Name	Letsch
Footage Location	2310 feet from (N) (S) line 1980 feet from (E) (W) line
Principal Contractor	Shields Drlg. Co., Inc.
Geologist	M. L. Ratts
Spud Date	8-27-76
Total Depth	2400
P.B.T.D.	2363
Date Completed	8-30-76
Oil Purchaser	Continental

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	20	255	Quickset	180	
Production	7 7/8	4 1/2	9 1/2	2389	Common	100	

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
3	Jet	2311-2314 2327-2330

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
Fracture w/20,000# Sand & 430 B.W.	2311-2330

INITIAL PRODUCTION

Date of first production	10-15-76
Producing method (flowing, pumping, gas lift, etc.)	Pumping

RATE OF PRODUCTION PER 24 HOURS	Oil	Gas	Water	Gas-oil ratio
	25 bbls.	Yes MCF	Yes bbls.	CFPB

Disposition of gas (vented, used on lease or sold)	Used on Lease
Producing interval(s)	2311-2330

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	DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.:
Shields Oil Producers, Inc.	
Well No. 14 / Lease Name Letsch	Oil
S 27 T 14 R 13 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
			Anhydrite	670
			Grandhaven Lm.	2216
			Tarkio Sd.	2227
			Dover Lm.	2240
			3rd Tarkio Sd.	2310
			Elmont Lm.	2354

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

Date Received

M L Ratto
Signature

Prod. Engineer
Title

10-22-76
Date

431349