

KANSAS DRILLERS LOG

State Geological Survey
WICHITA, BRANCH

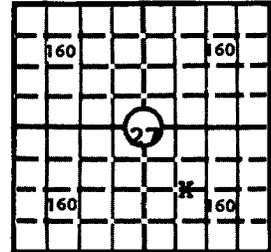
MAR 17 1976

S. 27 T. 14 R. 13 ^E W

Loc. SE NW SE

County Russell

640 Acres



Locate well correctly

Elev.: Gr. 1710

DF 1712 KB 1715

API No. 15 — 167 — 20,954
County Number

Operator
Shields Oil Producers, Inc.

Address
Shields Building, Russell, Kansas 67665

Well No. #15 Lease Name Letsch

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

Principal Contractor Shields Drilg Co., Inc. Geologist M. J. Ratto

Spud Date 9-21-76 Total Depth 2340 P.B.T.D. 2350
Date Completed 9-6-76 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	243	Quickset	180	
Production	7 7/8	5 1/2	15 1/2	2931	Common	200	

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			4	Jet	2883-2886
			3	Jet	2305-2308 2317-2320

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
1500 gal. 15% acid	2883-2886
20,000# Sand and 480 BW	2305-2308 2317-2320

INITIAL PRODUCTION

Date of first production 11-3-76	Producing method (flowing, pumping, gas lift, etc.) Pumping				
RATE OF PRODUCTION PER 24 HOURS	Oil 25 bbls.	Gas Yes	MCF	Water Yes	Gas-oil ratio CFPB
Disposition of gas (vented, used on lease or sold) Used on lease			Producing interval (s) 2305-08 2317-20		

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
Shields Oil Producers, Inc.

DESIGNATE TYPE OF COMP.: OIL, GAS,
DRY HOLE, SWDW, ETC.:

Well No. 15

Lease Name
Letch

Oil

27 14 13 E
S T R 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	656
			Grandhaven Im.	2208
			Tarkio Sd.	2218
			Dover Im.	2232
			2nd Tarkio Sd.	2242
			Tarkio Im.	2280
			3rd Tarkio Sd.	2304
			4th Tarkio Sd.	2318
			Elmont Im.	2344
			Topeka Im.	2550
			Heabner Sh.	2782
			Toronto Im.	2800
			L-K.C. Im.	2852
			Arbuckle Dol.	3131

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

Date Received

M. J. Rath
Signature

Geologist - Engineer
Title

11-12-76
Date