

State Geological Survey
WICHITA BRANCH
KANSAS DRILLERS LOG

15-167-21245

API No. 15 — 167 — 21,245
 County Number

Operator
Shields Oil Producers, Inc.

Address
Shields Building Russell, Kansas 67665

Well No. #7 Lease Name Rogg "B"

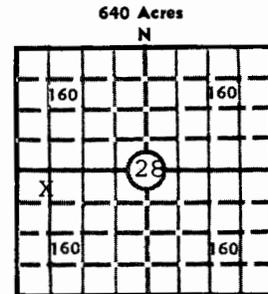
Footage Location
 2310 feet from (N) (S) line 660 feet from (X) (W) line

Principal Contractor Shields Drlg., Co., Inc. Geologist M. L. Ratts

Spud Date 10-20-78 Total Depth 2425 P.B.T.D. 2394

Date Completed 10-25-78 Oil Purchaser Continental

S. 28 T. 14 R. 13 ^X/_W
 Loc. N2 NW SW
 County Russell



640 Acres
 N
 Locate well correctly
 Elev.: Gr. 1745
 DF 1747 KB 1750

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	24	690	Quickset	375	
Production	7 7/8	4 1/2	9 1/2	2425	Common	100	

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			2	Jet	2271-2274
TUBING RECORD			2	Jet	2333-2336
Size	Setting depth	Packer set at	2	Jet	2347-2350

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
fractured w/30,000# sand and 15,000 gal jelled water	3271-2350

INITIAL PRODUCTION

Date of first production 11-20-78	Producing method (flowing, pumping, gas lift, etc.) Pumping
RATE OF PRODUCTION PER 24 HOURS	Oil 25 bbls. Gas Yes MCF 25 bbls. Gas-oil ratio CFPB
Disposition of gas (vented, used on lease or sold) Used	Producing interval (s) 2271-74 2333-36 2347-50

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. 7 Lease Name Rogg "B" Oil

S 28 T 14 R 13 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
No D.S.T.'s			Anhydrite	687
			Grandhaven Lm	2236
			1st Tarkio Sd	Undeveloped
			Dover Lm	2259
			2nd Tarkio Sd	2270
			Tarkio Lm	2306
			3rd Tarkio Sd	2332
			Elmont Lm	2373

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

Date Received

MTZ Rath
Signature

Geologist - Engineer
Title

11-22-78
Date