State Geological Survey
WICHITA, Branch

KANSAS DRILLERS LOG

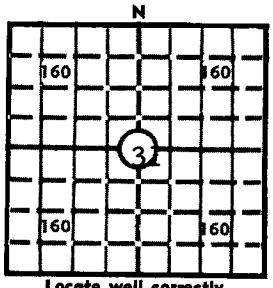
API No. 15 — 167 (County) — 20,650 (Number)

S. 31 T. 14 R. 13 E/W

Loc. N2 Ne Se

County Russell

640 Acres



Locate well correctly

Elev.: Gr. 1,708

DF 1,710 KB 1,713

Operator: Shields Oil Producers, Inc.

Address: Shields Building, Russell, Kansas

Well No.: #3

Lease Name: Miller "B"

Footage Location: 330 feet from (N) (S) line 660 feet from (E) (W) line

Principal Contractor: Shields Drilling Co., Inc.

Geologist: M. L. Ratts

Spud Date: 3-7-74

Total Depth: 2,892

P.B.T.D.:

Date Completed: 3-21-74

Oil Purchaser: Cities Service

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		95	Common	100	
Production	7 7/8	4 1/2	9 1/2	2,880	Common	75	
	Stage Collar			675	Common	250	

LINER RECORD

Top, ft.	Bottom, ft.	Sacks cement

TUBING RECORD

Size	Setting depth	Packer set at
2"	2,890	

PERFORATION RECORD

Shots per ft.	Size & type	Depth interval
4		2,865-2,869

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
2,000 gal. 28%	2,865-2,892

INITIAL PRODUCTION

Date of first production: 3-28-74

Producing method (flowing, pumping, gas lift, etc.): Pumping

RATE OF PRODUCTION PER 24 HOURS	Oil	Gas	Water	Gas-oil ratio
	30 bbls.	MCF	20 bbls.	CFPB

Disposition of gas (vented, used on lease or sold): Used

Producing interval(s): 2,865-2,892

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. 3	Lease Name Miller "B"	Oil
S 31 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
No Core			Anhydrite	656
No D. S. T.			Topeka Lime	2,554
			Heebner Shale	2,781
			Toronto Lime	2,798
			L-K. C. Lime	2,847
			R. T. D.	2,892
			Dresser-Atlas	G/N Log

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

Date Received 1974

RECEIVED STATE GEOLOGICAL SURVEY OF KANSAS

M L Platt
Signature

Production Engineer
Title

April 3, 1974
Date

S21E05