

State Geological Survey

WICHITA BRANCH

KANSAS DRILLERS LOG

15-167-21148

API No. 15 — 167 — 21,148
County Number

Operator
Shields Oil Producers, Inc.

Address
Shields Building Russell, Kansas 67665

Well No. #3 Lease Name Reich "D"

Footage Location
2540 feet from (N) line 2310 feet from (E) line

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

Spud Date 2-16-78 Total Depth 3271 P.B.T.D.

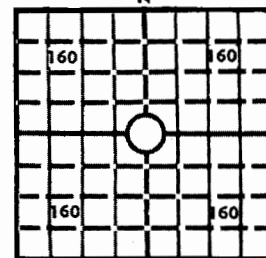
Date Completed 2-25-78 Oil Purchaser Koch

S. 22 T. 11 R. 15 W

Loc. W2 W2 E2

County Russell

640 Acres
N



Elev.: Gr. 1798

DF 1800 KB 1803

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	250	Quickset	160	
Production	7 7/8	4 1/2	9 1/2	3268	Common	100	

LINER RECORD

Top, ft.	Bottom, ft.	Sacks cement
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PERFORATION RECORD

Shots per ft.	Size & type	Depth interval
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TUBING RECORD

Size	Setting depth	Packer set at
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ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
500 Gal. 15%	3268-3271

INITIAL PRODUCTION

Date of first production 3-20-78	Producing method (flowing, pumping, gas lift, etc.) Pumping
RATE OF PRODUCTION PER 24 HOURS Oil 25 bbls.	Gas None MCF
Water None bbls.	Gas-oil ratio CFPB
Disposition of gas (vented, used on lease or sold) None	Producing interval (s) 3268-3271

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. 3	Lease Name Reich "D"	Oil
S <u>22</u> T <u>11</u> R <u>15</u> ^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
D.S.T. #1 3088-3160 Tool open 1 hr. Rec. 50' Mud I.S.I.P. - 125#/30 min. I.F.P. - 102# F.F.P. - 114# F.S.I.P. - 125#/30 min.			Anhydrite	869
			Heebner Sh.	2886
			Toronto Im.	2906
D.S.T. #2 3248-3267 Tool open 30 min; weak blow dying 17 min. Rec. 15' mud I.S.I.P. - 841#/30 min. I.F.P. - 68# F.F.P. - Not Taken F.S.I.P. - Not Taken			L-KC Im.	2936
			Arbuckle Dol.	3262
D.S.T. #3 3248-3271 Tool open 1 hr. Rec. 140' M.O. and 240' H.O.C.M. I.S.I.P. - 682#/30 min. I.F.P. - 91# F.F.P. - 182# F.S.I.P. - 614#/30 min.				

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

Date Received	
	Signature
	
	Title
	3-21-78
	Date