

State Geological Survey

KANSAS DRILLERS LOG

API No. 15 — 167 — 21,087
County NumberOperator
Shields Oil Producers, Inc.Address
Shields Bldg., Russell, Kansas 67665

Well No. #1 Lease Name Reich "G"

Footage Location
2310 feet from (N) (S) line 330 feet from (E) (W) line

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

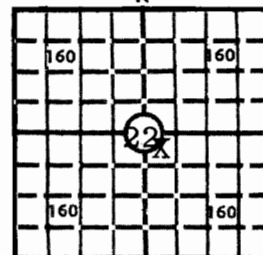
Spud Date 9-16-77 Total Depth 3333 P.B.T.D.

Date Completed 9-24-77 Oil Purchaser

S. 22 T. 11 R. 15 E
W

Loc. NW-NW-SW

County

640 Acres
NLocate well correctly
1843

Elev.: Gr.

DF 1846 KB 1843

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	262	Quickset	160	

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval

TUBING RECORD

Size	Setting depth	Packer set at			

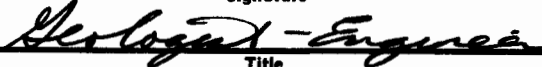
ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated

INITIAL PRODUCTION

Date of first production		Producing method (flowing, pumping, gas lift, etc.)		
RATE OF PRODUCTION PER 24 HOURS	Oil bbls.	Gas MCF	Water bbls.	Gas-oil ratio CFPB
Disposition of gas (vented, used on lease or sold)			Producing interval (s)	

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. 1	Lease Name Reich "G"	Dry													
S <u>22</u> T <u>11</u> R <u>15</u> K 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	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="padding: 5px; text-align: center;">NAME</th> <th style="padding: 5px; text-align: center;">DEPTH</th> </tr> </thead> <tbody> <tr> <td>Anhydrite</td> <td style="text-align: right;">923</td> </tr> <tr> <td>Heebner Sh.</td> <td style="text-align: right;">2936</td> </tr> <tr> <td>Toronto Lm.</td> <td style="text-align: right;">2954</td> </tr> <tr> <td>L-K.C.</td> <td style="text-align: right;">2966</td> </tr> <tr> <td>Arbuckle Dol.</td> <td style="text-align: right;">3320</td> </tr> </tbody> </table>	NAME	DEPTH	Anhydrite	923	Heebner Sh.	2936	Toronto Lm.	2954	L-K.C.	2966	Arbuckle Dol.	3320
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Arbuckle Dol.	3320														
D. S. T. #1 2998-3040 Open 1 hr. Rec. 200' Watery Mud I.S.I.P. - 454#/30 minutes I.F.P. - 114# F.F.P. - 148# F.S.I.P. - 454#/30 minutes D.S.T. #2 3309-3327 Open 1 hr. Rec. 30' of Mud I.S.I.P. - 587#/30 minutes I.F.P. - 91# F.F.P. - 91# F.S.I.P. - 436#/30 minutes D.S.T. #3 3309-3334 Open 1 hr. Rec. 20' Mud I.S.I.P. - 152#/30 minutes I.F.P. - 80#															
USE ADDITIONAL SHEETS, IF NECESSARY, TO COMPLETE WELL RECORD.															
Date Received	 Signature  Title 9-26-77 Date														

85518