

KANSAS DRILLERS LOG

API No. 15 — 167 — 20,014
County Number

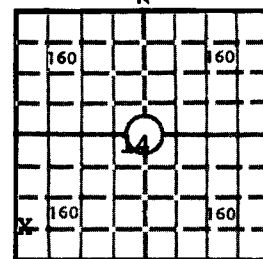
Operator Shields Oil Producers, Inc.	
Address Shields Building Russell, Kansas 67665	
Well No. #4	Lease Name Walter "A"
Footage Location 990 feet from (N) (S) line 330 feet from (E) (W) line	
Principal Contractor Shields Drilling Co., Inc.	Geologist M. L. Ratts
Spud Date 1-25-77	Total Depth 3255
Date Completed 2-1-77	P.B.T.D.
Oil Purchaser	

S. 14 T. 14 R. 12 ^N/_W

Loc. NW SW SW

County Russell

640 Acres
N



Locate well correctly

Elev.: Gr. 1754

DF 1757 KB 1759

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		245	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			


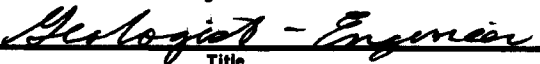
ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

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. 4	Lease Name Walter "A"	Dry																	
S <u>14</u> T <u>14</u> R <u>12</u> E <u>1</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	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 80%; padding: 5px;">NAME</th> <th style="width: 20%; padding: 5px;">DEPTH</th> </tr> </thead> <tbody> <tr> <td>Anhydrite</td> <td style="text-align: right;">644</td> </tr> <tr> <td>Heebner Sh.</td> <td style="text-align: right;">2793</td> </tr> <tr> <td>Toronto Lm.</td> <td style="text-align: right;">2814</td> </tr> <tr> <td>Douglas Sh.</td> <td style="text-align: right;">2828</td> </tr> <tr> <td>L-K.C. Lm.</td> <td style="text-align: right;">2879</td> </tr> <tr> <td>Conglomerate</td> <td style="text-align: right;">3160</td> </tr> <tr> <td>Cong. Sand</td> <td style="text-align: right;">3184</td> </tr> </tbody> </table>	NAME	DEPTH	Anhydrite	644	Heebner Sh.	2793	Toronto Lm.	2814	Douglas Sh.	2828	L-K.C. Lm.	2879	Conglomerate	3160	Cong. Sand	3184
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D.S.T. #1 3178-3205 Weak blow 12 min. Rec. 40' Mud <div style="margin-left: 40px;"> I.S.I.P. - 888#/30Min. I.F.P. - 35# F.F.P. - 35# F.S.I.P. - 869#/30Min. </div>																			
USE ADDITIONAL SHEETS, IF NECESSARY, TO COMPLETE WELL RECORD.																			
Date Received	<div style="text-align: right;">  Signature  Title 2-3-77 Date </div>																		