

KANSAS DRILLERS LOG

API No. 15 — 051 — 21579
County Number

Operator
John B. Collins

Address
1007 Cody Suite A Hays, Ks. 67601

Well No. # 3 Lease Name Herman

Footage Location
990 feet from (N) (X) line 330 feet from (W) line

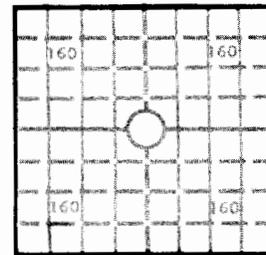
Principal Contractor Dreiling Oil, Inc. Geologist Lawrence F. Gray

Spud Date 10-18-78 Total Depth 3880 P.B.T.D.

Date Completed 10-24-78 Oil Purchaser CRA, Inc.

S. 22 T. 13 R. 20 ^E/_W
Loc. SW NW SW
County Ellis

640 Acres
N



Elev.: Gr. 2235
DF 2237 KB 2240

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		206	Common	150	8 units Quickset
Production	7 3/8	5 1/2		3871	Common	100	4% Gil 8 % salt

LINER RECORD

PERFORATION RECORD

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

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

John B. Collins

DESIGNATE TYPE OF COMP.: OIL, GAS,
DRY HOLE, SWDW, ETC.:

oil

Well No.

3

Lease Name

Herman

S 22 T 13 R 20 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
Top Soil	0	105		
Shale	105	1011		
Sand	1011	1291		
Shale	1291	1559		
Anhydrite	1559	1602		
Shale	1602	2451		
Shale & Lime	2451	2798		
Shale	2798	3050		
Shale	3050	3235		
Shale & Lime	3235	3395		
Lime	3395	3880		
TD	3880			

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

Date Received

John B. Collins
Signature

Operator

Title

December 28, 1978

Date