

State Geological Survey  
WICHITA, BRANCH

KANSAS DRILLERS LOG

API No. 15 — 077 — 20,227

County Number

Operator

Robinowitz Oil Company

Address 1322 East 50th Street  
Tulsa, Oklahoma

Well No. Lease Name  
#4 Ray Antrim

Footage Location 1650' 2310'  
feet from (N) (S) line feet from (E) (W) line

Principal Contractor Geologist  
Graves Drilling Co., Inc. Lee Poulsen

Spud Date Total Depth P.B.T.D.  
December 22, 1973 4387'

Date Completed Oil Purchaser  
December 31, 1973 Skelly Oil Company

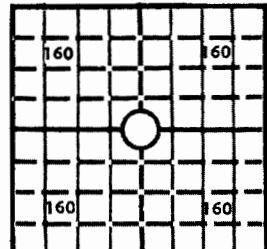
S. 25 T. 31 R. 9  W

Loc. 2310 WEL 1650 NSL SE

County Harper

640 Acres

N



Locate well correctly

1571'

Elev.: Gr. 1571'  
DF 1576' KB 1576'

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	28#	219'	Common	215	2% gel 3% CC
Production	7-7/8	5-1/2	14#	4376'	Common	100	

LINER RECORD

PERFORATION RECORD

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

TUBING RECORD

Size	Setting depth	Packer set at			
2"	4344'				

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used			Depth interval treated		
500 gal. MCA 5,000# 20/40 sand			4376 to 87'		

INITIAL PRODUCTION

Date of first production 3-21-74		Producing method (flowing, pumping, gas lift, etc.) Pumping				
RATE OF PRODUCTION PER 24 HOURS	Oil 52 bbis.	Gas 27 MCF	Water 50 bbis.	Gas-oil ratio 05.21	CFPB	

Disposition of gas (vented, used on lease or sold) 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 Driller's 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 Se. Meridian (P.O. Box 17027), Wichita, Kansas 66217. Phone AC 316-522-2206. If confidential custody is desired, please note Rule 82-2-125. Driller's Logs will be on open file in the Oil and Gas Division, State Geological Survey of Kansas, Lawrence, Kansas 66044.

Operator ROBINOWITZ OIL COMPANY

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

Well No.

4

Lease Name

Ray Antrim #4

Oil Well

S 25 T 31 R 9 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

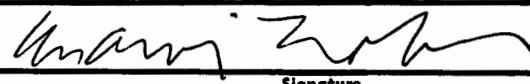
NAME

DEPTH

Red Bed and Shale	0	218	Heebner	3403
Red Bed	218	765	Lansing	3629
Shale and Lime	765	1670	Kansas City	3896
Lime and Shale	1670	1900	Base-Kans. City	4164
Shale and Lime	1900	2125	Mississippian	4374
Lime and Shale	2125	2530	Total Depth	4387
Shale and Lime	2530	3000		
Lime and Shale	3000	3041		
Lime	3041	3575		
Sand	3575	3576		
Lime	3576	4305		
Lime and Shale	4305	4374		
Chert	4374	4385		
Rotary Total Depth		4385		

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





Signature

Petroleum Engineer

Title

May 1, 1974

Date

4 PIA 15-077-20, 227  
ROTARY DRILLERS' LOC

A 4x4 grid with a central cell containing a small black dot.

OPERATOR:	Robinowitz Oil Company 1322 E. 50th Tulsa, Oklahoma 74105	DRILLING COMMENCED:	December 21, 1973
CONTRACTOR:	Graves Drilling Co., Inc. 505 Union Center Wichita, Kansas 67202	DRILLING COMPLETED:	December 31, 1973
CASING RECORD:	10 Jts. 219' 8-5/8" cemented with 215 sacks 139 Jts. 4376' 5-1/2" cemented with 75 sacks	LOCATION:	Antrim No. 4 SW NW SE Section 25-31S-9W Harper County, Kansas

ELEVATION: = 1576 KB =

0 - 218	Red bed & shale
218 - 765	Red bed
765 - 1670	Shale & lime
1670 - 1900	Lime & shale
1900 - 2125	Shale & lime
2125 - 2530	Lime & shale
2530 - 3000	Shale & lime
3000 - 3041	Lime & shale
3041 - 3575	Lime
3575 - 3576	Sand
3576 - 4305	Lime
4305 - 4374	Lime & shale
4374 - 4385	Chert
4385	Rotary Total Depth



I hereby certify the foregoing statements to be true and correct to the best of my knowledge.

GRAVES DRILLING CO., INC.

By Betty Brandt Secretary-Treasurer

STATE OF KANSAS