

# KANSAS DRILLERS LOG

API No. 15 — 083 — 20,427  
County Number

Operator

Thunderbird Drilling, Inc.

Address

Box 18407, Wichita, Kansas 67218

Well No.

#4

Lease Name

Mothes

Footage Location

feet from (N) (S) line

feet from (E) (W) line

Principal Contractor

Thunderbird Drilling, Inc.

Geologist

Bob Jinkins

Spud Date

6/11/75

Total Depth

4667

P.B.T.D.

Date Completed

7/8/75

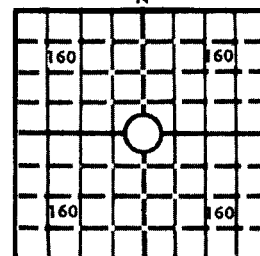
Oil Purchaser

S. 2 T. 22 R. 24W

Loc. SW NW

County Hodgeman

640 Acres



Locate well correctly

Elev.: Gr.

DF KB 2422

## 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		8 5/8"		567'	com	300	2% gel, 3% cacl

## LINER RECORD

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

Shots per ft.	Size & type	Depth interval
	Open hole	4649-4667

## 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. ma	4649-4667'

## INITIAL PRODUCTION

Date of first production 8/7/75	Producing method (flowing, pumping, gas lift, etc.) Pumping
RATE OF PRODUCTION PER 24 HOURS	Oil 67 bbls. Gas MCF 20% 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  
Thunderbird Drilling, Inc.

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

Well No.  
#4

Lease Name  
Morhes

Oil

S \_\_\_\_\_ T \_\_\_\_\_ R \_\_\_\_\_ E \_\_\_\_\_  
W

### WELL LOG

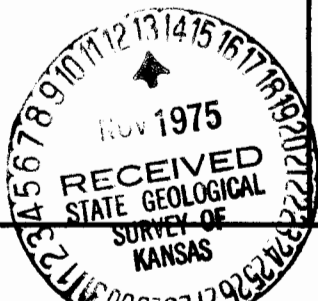
Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.

SHOW GEOLOGICAL MARKERS, LOGS RUN,  
OR OTHER DESCRIPTIVE INFORMATION.

FORMATION DESCRIPTION, CONTENTS, ETC.	TOP	BOTTOM	NAME	DEPTH
DST #1 /90", rec 295' oil, FP 35-69#, BHP 1073-986#/45"	4648	4660		
DST #2 /90", rec 15' oil, 60' ocm, 60' socm, FP 26-78#, BHP 1185-1142#/45"	4660-4670			
			Anhydrite	1692
			B Anhydrite	1726
			Heebner	3942
			Toronto	3960
			Lansing	3992
			BKC	4362
			Marmaton	4382
			Pawnee	4460
			Fort Scott	4537
			Cherokee	4558
			Mississippian	4635
			Miss Dolomite	4644
			RTD	4670
			LTD	4667

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

Date Received



Signature

Title

Date

15-083-20427

Company Thunderbird Drilling, Inc.Contractor Thunderbird Drilling, Inc.Elevation 2422 K. B.Farm MothesWell No. 4Casing 8 5/8 @ 567 w/300 sx.  
4 1/2 @ 4649 w/100 sx.Location SW NW Sec. 2-22S-24W.County HodgemanProduction

<u>From</u>	<u>To</u>	<u>Description</u>
570	1175	Shale & Sand
1175	1395	Sand
1395	1635	Shale
1635	1694	Shale & Red Bed
1694	1730	Anhydrite
1730	2855	Shale & Shells
2855	3350	Shale & Lime
3350	3500	Shale
3500	4565	Shale & Lime
4565	T. D.	Lime



STATE OF KANSAS )  
 ) ss.  
COUNTY OF SEDGWICK )

I, Burke Krueger, of Thunderbird Drilling, Inc. upon oath states that the above and foregoing is a true and correct copy from the Daily Drilling Report from your #4 Mothes.

Burke Krueger