

State Geological Survey KANSAS DRILLERS LOG

IMPORTANT
Kans. Geo. Survey request
samples on this well.

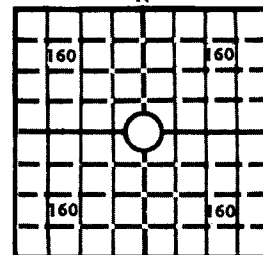
11-2-33w

S. 11 T. 2 R. 33 E W

Loc. NE NW NE

County Rawlins

640 Acres
N



Locate well correctly
2964

Elev.: Gr.

DF KB 2969

API No. 15 — 153 — 20,267
County Number

Operator

Thunderbird Drilling, Inc. & Terra Resources

Address

P. O. Box 18407 Wichita, Kansas 67218

Well No.

#1

Lease Name

Dunker

Footage Location

feet from (N) (S) line

feet from (E) (W) line

Principal Contractor

Thunderbird Drilling, Inc.

Geologist

Frosty Cox

Spud Date

11/1/76

Total Depth

4189

P.B.T.D.

Date Completed

11/8/76

Oil Purchaser

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 3/4	8-5/8"		330	com	225	2% gel, 3% cc.

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	Gas	Water	Gas-oil ratio	
	bbls.	MCF	bbls.	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. 1	Lease Name Dunker	Dry Hole	
S <u>11</u> T <u>2S</u> R <u>33W</u> ^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
DST #1 /90", rec. 180' mud + 300' wtry mud, tr oil, FP 69-242E, BHP 1280-1254#/45"	3943	3995	Anhydrite Topeka Oread Heebner
DST #2 /60", rec. 15' mud, FP 69-78#, BHP 1021-986#/30"	3992	4045/	LKC BKC RTD LTD
DST #3 /60", rec. 5' mud, FP 69-69#, BHP 104-69#	4080	4140	
USE ADDITIONAL SHEETS, IF NECESSARY, TO COMPLETE WELL RECORD.			
Date Received	Signature Title Date		

197767