

KANSAS DRILLERS LOG

State Geological Survey
WICHITA, KANSAS

API No. 15 — 083 — 20,467
County Number

Operator

Thunderbird Drilling & Terra Resources

Address

Box 18407 Wichita, Kansas 67218

Well No.

#1

Lease Name

Bradford "A"

Footage Location

feet from (N) (S) line

feet from (E) (W) line

Principal Contractor

Thunderbird Drilling, Inc.

Geologist

Frosty Cox

Spud Date

5/10/76

Total Depth

4875

P.B.T.D.

Date Completed

5/20/76

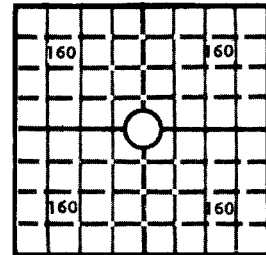
Oil Purchaser

S. 18 T. 24 R. 23 E. W

Loc. SE NW

County Hodgeman

640 Acres
N



Locate well correctly

Elev.: Gr.

DF KB 2465

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"		502'	com	300	2% gel, 3% cac1.

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 Bradford "A"	Dry Hole	
S <u>18</u> T <u>24</u> SR <u>23</u> W			
WELL LOG		SHOW GEOLOGICAL MARKERS, LOGS RUN, OR OTHER DESCRIPTIVE INFORMATION.	
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.			
FORMATION DESCRIPTION, CONTENTS, ETC.	TOP	BOTTOM	NAME
DST #1 /90", rec. 120' gas, 60' o&gcm, 180" ho&gcm w/f. oil, FP 52-138#, BHP 1142-1090#/45" DST #2 /60", rec. 20' mud, w/sso, FP 43-52#, BHP 1125-952#/30"	4697	4730	Anhydrite 1586 +879 Heebner 3997-1532 Toronto 4022-1557 Lansing 4060-1593 BKC 4488-2023 Marmaton 4513-2048 Pawnee 4574-2109 Fort Scott 4632-2167 Cherokee 4658-2193 Conglomerate (H. 4746-2311 RTD 4875 LTD 4875
USE ADDITIONAL SHEETS, IF NECESSARY, TO COMPLETE WELL RECORD.			
Date Received RECEIVED STATE GEOLOGICAL SURVEY OF KANSAS	Signature Title Date		

1/21/81