State Geological Survey
WICHITA, KANSAS

KANSAS DRILLERS LOG

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

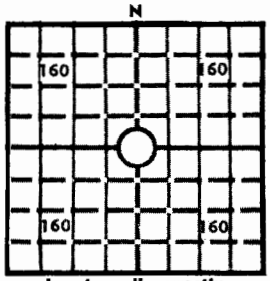
S. 13 T. 9 R. 35 E W

API No. 15 — 193 (County) — 20,973 (Number)

Loc. SE NW

County Thomas

640 Acres
N



Locate well correctly

Operator
Thunderbird & Terra Resources

Address
Box 18407 Wichita, Kansas 67218

Well No. #1

Lease Name Weiland "B"

Footage Location
feet from (N) (S) line feet from (E) (W) line

Principal Contractor
Abercrombie Drlg. Co.

Geologist

Spud Date
2/26/76

Total Depth
4903

P.B.T.D.

Date Completed
3/6/76

Oil Purchaser

Elev.: Gr.

DF KB 3276

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"		253'	com	190	2% gel, 3% cc.

LINER RECORD

Top, ft.	Bottom, ft.	Sacks cement

TUBING RECORD

Size	Setting depth	Packer set at

PERFORATION RECORD

Shots per ft.	Size & type	Depth interval

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		DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.:
Thunderbird Drilling, Inc.		
Well No. #1	**Lease Name** Weiland "B"	Dry Hole
S 13 T 9S R 35W E/W		

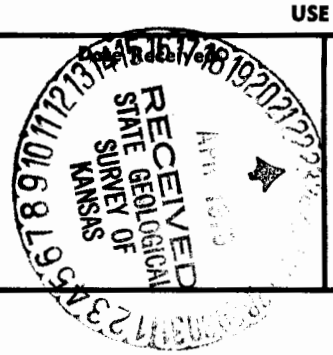
WELL LOG

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
NO TESTS			Anhydrite	2790
			B Anhydrite	2820
			Heebner	4113
			Toronto	4140
			Lansing	4155
			B Kansas City	4474
			Marmaton	4483
			Fort Scott	4630
			Cherokee	4658
			Cherokee Sd.	4776
			Miss Stz.	4865
			Miss Sp.	4865
			RTD	4900
			LTD	4903

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



Signature

Title

Date

6837

State Geological Survey
WICHITA, BRANCH

CONTRACTOR'S WELL LOG

13-9-35W

OPERATOR:	Thunderbird Drilling, Inc.
CONTRACTOR:	Abercrombie Drilling, Inc.
WELL NAME:	WEILAND "B" #1
LOCATION:	SE NW Section 13-9S-35W Thomas County, Kansas
SPUD DATE:	February 26, 1976
COMPLETION DATE:	March 6, 1976

0	150	Surface sand & clay
150	210	Sand
210	2783	Shale
2783	2813	Anhydrite
2813	3630	Shale
3630	3929	Shale & lime
3929	4175	Lime & shale
4175	4728	Lime
4728	4816	Lime & shale
4816	4900	Lime
	4900	Rotary Total Depth

illed 255' of 12¼" hole. Ran 6 jts. of used 8 5/8" 28# casing, tallied 244.85'. Set @ 252.85' with 190 sx. cement, 2% gel, 3% ca. cl. Allied cement. Cement did circulate. Plug was down @ 8:30 p.m. February 26, 1976.

Plugged and Abandoned: 1st Plug was Set @ 2075' with 70 sx. cement; 2nd Plug was Set @ 250' with 20 sx. cement; 3rd Plug was Set @ 40' with 10 sx. cement. State Plugger: Gilbert Balthazor 50/50 Posmix cement Plug was down @ 9:30 a.m. March 6, 1976.

SAMPLE TOPS:

Anhydrite	2783'
B/Anhydrite	2813'



STATE OF KANSAS)
) SS
COUNTY OF SEDGWICK)

Jerry A. Langrehr-Executive Vice President of Abercrombie Drilling, Inc., does hereby state that the above and foregoing is a true and correct copy of the log of the WEILAND "B" #1 SE NW Section 13-9S-35W Thomas County, Kansas.

ABERCROMBIE DRILLING, INC.

By: Jerry A. Langrehr
Jerry A. Langrehr-Exec. V.P.