

KANSAS

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

4-4-25w
State Geological Survey

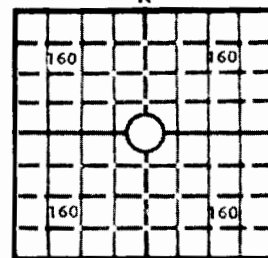
WICHITA, BRANCH

S. 4 T. 4S R. 25W E

Loc. C NW NE

County Norton

640 Acres
N



Locate well correctly

Elev.: Gr. 2435

DF _____ KB 2440'

WELL COMPLETION REPORT AND DRILLER'S LOG

API No. 15 — 137 — 20,190
County Number

Operator

Thunderbird Drilling, Inc.

Address

P.O. Box 18407- Wichita, Kansas 67218

Well No.

1

Lease Name

Ritter

Footage Location

feet from (N) (S) line

feet from (E) (W) line

Principal Contractor

Thunderbird Drilling, Inc.

Geologist

Spud Date

9/20/80

Date Completed

9/28/80

Total Depth

3693

P.B.T.D.

Directional Deviation

Oil and/or Gas 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"	24#	336'	com	250	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	
	bbis.	MCF	bbis.	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, 245 No. Water, Wichita, Kansas 67202. 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 Ritter Dry Hole

S 4 T 4S R 25W^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 /30-30-30-30, rec. 5' mud, All press. 83#	3192	3200	LOG Anhydrite B/Anhydrite Heebner	2036+ 404 2067+ 373 3439- 999
DST #2 /45-45-75-30, rec. 15' mud, FP 42-42#, BHP 94-42#	3500	3535	LKC BKC RTD LTD	3482-1042 3679-1239 3693-1253 3693-1253
DST #3 /45-45-45-45, rec. 130' mud, FP 93-146# BHP 706-665#	3539	3570		
<u>From</u>	<u>To</u>	<u>Description</u>		
0	336	Surface Hole		
336	1850	Shale & Sand		
1850	2034	Sand & Shale		
2035	2065	Anhydrite		
2065	2648	Shale		
2648	3006	Shale & Lime		
3006	3700	Lime		
3700	R.T.D.			

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

Date Received

Signature: *[Handwritten Signature]*

Title: Vice-President

Date: October 28, 1980

10-28-80