

KANSAS

WELL COMPLETION REPORT AND *State Geological Survey*  
DRILLER'S LOG

WICHITA BRANCH

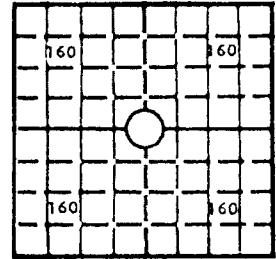
31-4-22W

S. 31 T. 4S R. 22W<sup>E</sup><sub>W</sub>

Loc. NW NE

County Norton

640 Acres  
N



Locate well correctly

Elev.: Gr. 2187

DF \_\_\_\_\_ KB 2192

API No. 15 — 137 — 20,221  
County Number

Operator  
Thunderbird Drilling, Inc.

Address  
P.O. Box 18407- Wichita, Ks. 67218

Well No. 1 Lease Name Carter "A"

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

Principal Contractor Thunderbird Drilling, Inc. Geologist Paul Montoia

Spud Date 2-26-81 Date Completed 3/12/81 Total Depth 3668 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#	266'	com	200	2% gel, 3% cc.
Production		5 1/2"		3667'		75	

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			2		3610 1/2 - 3611 1/2

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 <u>3/23/81</u>	Producing method (flowing, pumping, gas lift, etc.) <u>Pumping</u>
RATE OF PRODUCTION PER 24 HOURS	Oil <u>18.5</u> bbls. Gas <u>None</u> MCF Water <u>11BW</u> 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, 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.

W 66 P-10

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

Operator  
Thunderbird Drilling, Inc.

Well No. 1 Lease Name Carter "A" Oil

S 31 T 4S R 22W<sup>E</sup> W

**WELL LOG**

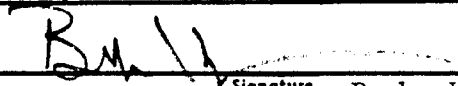
Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.

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

FORMATION DESCRIPTION, CONTENTS, ETC.	TOP	BOTTOM	NAME	DEPTH
DST #1 /30-30-30-30, rec. 20' osm, FP 54-73# BHP 1119-1073#	3332	3370	<u>LOG TOPS:</u> Anhydrite B/Anhydrite Heebner	1785+ 407 1815+ 377 3307-1115
DST #2 /30-30-30-30, rec. 30' oem (3% oil) FP 91-100#, BHP 981-889#	3496	3558	Toronto LKC BKC Reag Sd.	3336-1144 3354-1162 3542-1350 3594-1402
DST #3 /30-60-30-60, rec. 215' oil, 240' mwo, 300' ow, FP 109-366#, BHP 889-862#	3574	3610	Granite Wash LTD RTD	3636-1444 3675-1482 3668-1476
<u>From</u> <u>To</u> <u>Description</u>				
0	266'	Surface Hole		
266	1060	Shale & Sand		
1060	1316	Sand & Shale		
1316	1499	Sand		
1499	1775	Shale & Sand		
1775	1805	Anhydrite		
1805	1830	Shale		
1830	2235	Shale & Sand		
2235	3115	Shale & Lime		
3115	3668	Lime		
3660	R.T.D.			

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

Date Received

  
 Signature Burke Krueger  
 Vice-President  
 Title  
 April 3, 1981  
 Date