

KANSAS

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

WELL COMPLETION REPORT AND
DRILLER'S LOG

API No. 15 — 171 — 20,200
County Number

S. 6 T. 19 R. 33 E
State Geological Survey
WICHITA, BRANCH
County Scott

Operator
Thunderbird Drilling, Inc.

Address
P. O. Box 18407 Wichita, Kansas 67218

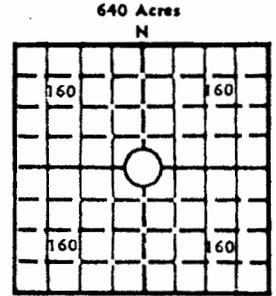
Well No. #1 Lease Name
Grube "C"

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

Principal Contractor Thunderbird Drilling, Inc. Geologist
Mark Thompson

Spud Date 2/13/81 Date Completed 2/27/81 Total Depth 4923 P.B.T.D.

Directional Deviation Oil and/or Gas Purchaser



Elev.: Gr. 3019'

DF _____ KB 3024'

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#	378'	com	275	2% gel, 3% cc.

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval

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, 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.

124589

Operator **Thunderbird Drilling, Inc.** DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.:

Well No. **1** Lease Name **Grube "C"** Dry Hole

S 6 T 19S R 33 ^E/_W

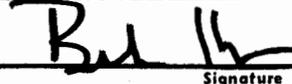
WELL LOG

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
			LOG TOPS:	
DST #1 /30-45-30-45, rec. 1178' msw, FP 85-543#, BHP 1004-1004#	3878	3937	B/Anhydrite	2316+ 708
			Heebner	3929- 905
			Lansing	3976- 952
DST #2 /45-45-45-60, rec. 62' mw w/tr oil, FP 47-70#, BHP 576-1030#	3972	4014	BKC	4393-136
			Mamaton	4425-140
			Cherokee	4540-1516
			Morrow	4700-1676
DST #3 /30-45-45-60, rec. 235' msw w/tr oil. FP 47-147#, BHP 1141-1133#	4152	4220	Morrow Sd	4728-1704
			Mississippian	4771-174
			RTD	4923-189
			LTD	4926-1902
DST #4 /30-30-30-45, rec. 1950' sul. wtr, FP 70-865#, BHP 1204-1204#	4232	4271		
DST #5 /30-30-30-30, rec. 30' soxm, FP 62-85# BHP 842-873#	4616	4700		
DST #6 /30-45-45-60, rec. 500' msw, FP 39-241E, BHP 1156-1149#	4686	4754		
<u>From</u> <u>To</u> <u>Description</u>				
0	378'	Surface hole		
378	2299	Shale		
2299	2320	Anhydrite		
2320	2432	Shale		
2432	2750	Shale & Lime		
2750	3488	Lime & Shale		
3488	3655	Shale & Lime		
3655	3940	Lime & Shale		
3940	4014	Lime		
4014	4060	Lime & Shale		
4060	4923	Lime		
4923	R.T.D.			

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

Date Received	
	Signature Burke Krueger
	Vice-President
	Title
	3/26/81
	Date