

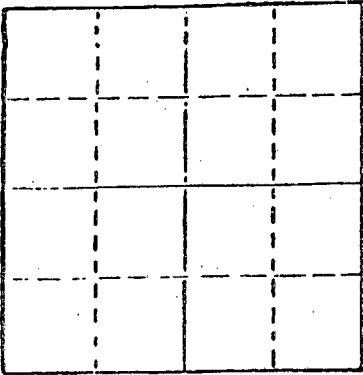
STATE OF KANSAS
STATE CORPORATION COMMISSION

WELL PLUGGING RECORD

Give All Information Completely
Make Required Affidavit
Mail or Deliver Report to
Conservation Division
State Corporation Comm.
245 North Water
Wichita, KS 67202

Scott County. Sec. 6 Twp. 19S Rge. 33W E/W
Location as "NE/CNW 1/4 SW 1/4" or footage from lines
SW NE

Lease Owner Thunderbird Drilling, Inc.
Lease Name Grube "C" Well No. 1
Office Address P.O. Box 18407- Wichita, Ks. 67218
Character of Well (Completed as Oil, Gas or Dry Hole)
Dry Hole



Locate well correctly on above
Section Plat

Date Well completed 2/27/81 19
Application for plugging filed 2/27/81 19
Application for plugging approved 2/27/81 19
Plugging commenced 2/27/81 19
Plugging completed 2/27/81 19
Reason for abandonment of well or producing formation
Dry Hole

If a producing well is abandoned, date of last production
19

Was permission obtained from the Conservation Division or
its agents before plugging was commenced? yes

Name of Conservation Agent who supervised plugging of this well Marion Schmidt
Producing formation _____ Depth to top _____ Bottom _____ Total Depth of Well 4923
Show depth and thickness of all water, oil and gas formations.

OIL, GAS OR WATER RECORDS

CASING RECORD

FORMATION	CONTENT	FROM	TO	SIZE	PUT IN	PULLED OUT
	Surface	0	378'	8 5/8"	378'	None

Describe in detail the manner in which the well was plugged, indicating where the mud fluid
was placed and the method or methods used in introducing it into the hold. If cement or other
plugs were used, state the character of same and depth placed, from _____ feet to
_____ feet for each plug set.

1st plug @ 900' w/70 sx
2nd plug @ 360' w/20 sx
3rd plug @ 40' w/10 sx
5 sx in rathole.

RECEIVED
MAR 30 1981
COMMISSION

(If additional description is necessary, use BACK of this sheet)
Name of Plugging Contractor Thunderbird Drilling, Inc.

STATE OF KANSAS COUNTY OF SEDGWICK, ss.
Burke Krueger (employee of owner) or (owner or operator)
of the above-described well, being first duly sworn on oath, says: That I have knowledge of
the facts, statements, and matters herein contained and the log of the above-described well
as filed and that the same are true and correct. So help me God.

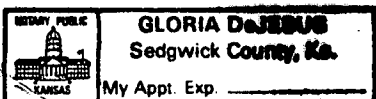
(Signature)

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

SUBSCRIBED AND SWORN TO before me this 26th day of March, 1981.

Gloria DeJesus Notary Public.

My commission expires 3-25-84



KANSAS

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

WELL COMPLETION REPORT AND
DRILLER'S LOG

S. 6 T. 19 R. 33 E
W

API No. 15 — 171 — 20,200 — 00-00
County Number

Loc. SW NE
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

640 Acres
N
160 160 160 160
Locate well correctly
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

SEAL
COMMISSION
MAR 30 1981
CONSERVATION DIVISION
Wichita, Kansas

INITIAL PRODUCTION

Date of first production	Producing method (flowing, pumping, gas lift, etc.)				
RATE OF PRODUCTION PER 24 HOURS	Oil bbls.	Gas MCF	Water 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.

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 ^{WE} 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	4393-1369
			Mamaton	4425-1401
			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	4771-1747
			RTD	4923-1899
			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