

15-101-20499-00-00

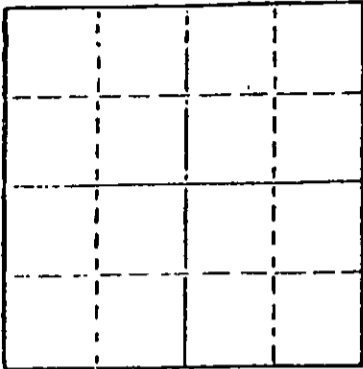
STATE OF KANSAS
STATE CORPORATION COMMISSION

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

Lane _____ County. Sec. 17 Twp. 17S Rge. 27 W
Location as "NE/CNW $\frac{1}{4}$ SW $\frac{1}{4}$ " or footage from lines _____
NE NW NE

Lease Owner Thunderbird Drilling, Inc.
Lease Name Waterson 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 Plot

Date Well completed 12/20/80 19
Application for plugging filed 12/20/80 19
Application for plugging approved 12/20/80 19
Plugging commenced 12/20/80 19
Plugging completed 12/20/80 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 Gilbert Balthazor
Producing formation _____ Depth to top _____ Bottom _____ Total Depth of Well 4650
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	342'	8 5/8"	342'	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 @ 1000' w/60 sx
2nd plug @ 350' w/30 sx
3rd plug @ 40' w/10 sx

(If additional description is necessary, use BACK of this sheet)

Name of Plugging Contractor Thunderbird Drilling, Inc.

STATE OF KANSAS COUNTY OF SEDGWICK

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) Burke Krueger

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

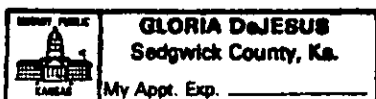
SUBSCRIBED AND SWORN TO before me this 29th day of January, 19 81

Gloria DeJesus

Gloria DeJesus

Notary Public.

My commission expires 3-25-84



KANSAS

WELL COMPLETION REPORT AND DRILLER'S LOG

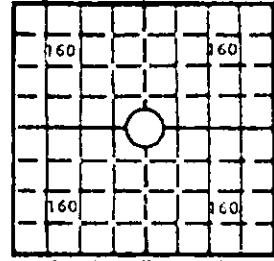
IMPORTANT
Kans. Geo. Survey request
samples on this well.

S. 17 T. 17S R. 27 W

Loc. NE NW NE

County Lane

640 Acres
N



Elev.: Gr. 2711

DF KB 2716

API No. 15 — 101 — 20,499 - 00 - 00
County Number

Operator
Thunderbird Drilling, Inc.

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

Well No. 1 Lease Name Waterson

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

Principal Contractor Geologist
Mark Thompson

Spud Date 12/10/80 Date Completed 12/20/80 Total Depth 4650 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#	342'	com	250	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 bbls. Gas MCF Water Gas-oil ratio CFPB
Disposition of gas (vented, used on lease or sold)	Producing interval (g)

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 trans- mitted 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 Waterson	Dry Hole
S 17 T 17S R 27 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
			<u>LOG TOPS:</u>	
DST #1 /30-30-30-30, rec. 1' c.o., 30' hocm (50% oil) FP 59-59#, BHP 925-611#	4074	4138	Anhydrite	2120+ 596
			B/Anhydrite	2154+ 562
			Heebner	3966-1250
DST #2 /30-45-45-60, rec. 180' GIP, 100' hocm (35% oil), FP 59-98#, BHP 672-984#	4490	4569	Lansing	4004-1288
			BKC	4332-1616
			Fort S	4510-1794
			Cherokee	4536-1820
			Cherokee Sd	4580-1864
			Missippian	4628-1912
			LTD	4648-1932
			RTD	4650-1934
<u>From</u> <u>To</u> <u>Description</u>				
0	343	Surface Hole		
343	2120	Shale		
2120	2161	Anhydrite		
2161	2430	Shale & Shells		
2430	2825	Shale		
2825	3020	Shale & Shells		
3020	3195	Shale		
3195	3650	Shale & Lime		
3650	4070	Lime & Shale		
4070	4138	Lime		
4138	4204	Lime & Shale		
4204	4650	Lime		
4650	R.T.D.			

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

Date Received	
	Signature
	Vice-President
	Title
	January 29, 1981
	Date