

15-167-21708-00-00

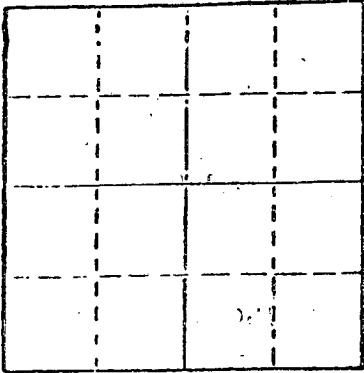
STATE OF KANSAS
STATE CORPORATION COMMISSION

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

Russell County, Sec. 5 Twp. 11S Rge. 14W E/W
Location as "NE/CNW $\frac{1}{4}$ /SW $\frac{1}{4}$ " or footage from lines
SE NE SW

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



Locate well correctly on above
Section Plat

Dry Hole
Date Well completed 6/6/81 19
Application for plugging filed 6/6/81 19
Application for plugging approved 6/6/81 19
Plugging commenced 6/6/81 19
Plugging completed 6/6/81 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 Duane L. Rankin
Producing formation _____ Depth to top _____ Bottom _____ Total Depth of Well 3492
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	261'	8 5/8"	261'	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 @ 540' w/50 sx.
- 2nd plug @ 270' w/10 sx
- 3rd plug @ 40' w/10 sx
- 5 sx in rathole

RECEIVED
STATE CORPORATION COMMISSION

JUN 23 1981

06-23-1981
CONSERVATION DIVISION
Wichita, Kansas

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

STATE OF KANSAS COUNTY OF SEDGWICK, ss.
Burke Krueger (employee of owner) or (owner or operator)

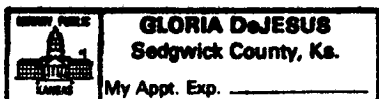
of the above-described well, being first duly sworn on oath, says: That I have knowledge of the facts, statements, and matters herein contained and the log of the above-described well as filed and that the same are true and correct. So help me God.

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

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

Gloria DeJesus
Notary Public.

My commission expires 3-25-84



KANSAS

WELL COMPLETION REPORT AND DRILLER'S LOG

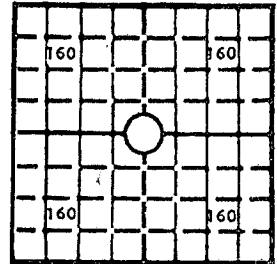
API No. 15 - 167 - 21,708-00-00
County Number

S. 5 T. 11S R. 14W Q W

Loc. SE NE SW

County Russell

640 Acres N



Locate well correctly

Elev.: Gr. 1790'

DF _____ KB 1795' K.B.

Operator
Thunderbird Drilling, Inc.

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

Well No. 1 Lease Name Anschutz "D"

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

Principal Contractor Thunderbird Drilling, Inc. Geologist Mark H. Thompson

Spud Date 5-27-81 Date Completed 6-6-81 Total Depth 3492 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#	261'	com	200	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 RECEIVED

Amount and kind of material used

STATE CORPORATION COMMISSION Depth interval treated

JUN 23 1981

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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
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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 Anschutz 'D'	Dry Hole
S 5 T11S R 14W 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 /30-30-15-30, rec. 140' m, BHP 981-1000# No FP	2726	2766	<u>LOG TOPS:</u> Anhydrite	918+ 877
DST #2 /30-30-30-30, rec. 30' m w/few oil spks, FP 82-82#, BHP 1229-1174#	3050	3071	B/Anhydrite Tarkio Topeka Heebner	954+ 841 2551- 756 2711- 916 2963-1168
DST #3 /30-45-30-45, rec. 220' mw, no sho oil, FP 82-183#, BHP 1147-1147#	3080	3130	Lansing BKC Marmaton	3014-1219 3252-1457 3289-1494
DST #4 /30-30-30-30, rec. 20' mud, FP 82-82# BHP 659-650#	3173	3230	Arbuckle RTD LTD	3472-1677 3492-1697 3492-1697
DST #5 /30-45-30-45, rec. 2600' sw, FP 788- 1183#, BHP 1183-1183#	3477	3492		
<u>From</u> <u>To</u> <u>Description</u>				
0	261	Surface Hole		
261	350	Shale		
350	920	Shale, Sand & Red bed		
920	957	Anhydrite		
958	1342	Shale, Sand & Shells		
1342	1500	Shale & Shells		
1500	1790	Shale		
1790	2038	Shale & Strks. of Lime		
2038	2440	Shale & Lime		
2440	2649	Lime & Shale strks		
2649	2766	Lime & Shale		
2766	3492	Lime		
3492	R.T.D.			

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

Date Received	 Burke Krueger Signature
	Vice-President Title
	June 19, 1981 Date