

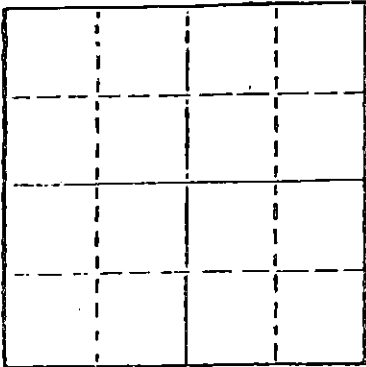
STATE OF KANSAS
STATE CORPORATION COMMISSION

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

Rice County. Sec. 31 Twp. 21S Rge. 9W E/W
Location as "NE/CNW $\frac{1}{4}$ SW $\frac{1}{4}$ " or footage from lines
SW NE

Lease Owner Thunderbird Drilling, Inc.
Lease Name Wellman "F" 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 Plot

Dry Hole
Date Well completed 12/19/80 19
Application for plugging filed 12/19/80 19
Application for plugging approved 12/19/80 19
Plugging commenced 12/19/80 19
Plugging completed 12/19/80 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 Toman
Producing formation _____ Depth to top _____ Bottom _____ Total Depth of Well 3570
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 | 294' | 8 5/8" | 294' | 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 @ 450' w/50 sx,
2nd plug @ 290' w/25 sx
3rd plug @ 40' w/10 sx
5 sx in rathole

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CONSERVATION DIVISION
STATE OF KANSAS

(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 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. 31 T. 21S R. 9W E W

Loc. SW NE

County Rice

API No. 15 — 159 — 21,066 - 0000
County Number

Operator
Thunderbird Drilling, Inc.

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

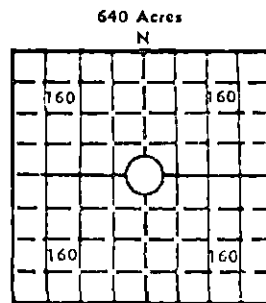
Well No. 1 Lease Name Wellman 'F'

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

Principal Contractor Thunderbird Drilling, Inc. Geologist Stanton S. Cox

Spud Date 12/12/80 Date Completed 12/19/80 Total Depth 3570 P.B.T.D.

Directional Deviation Oil and/or Gas Purchaser



Elev.: Gr. 1707'

DF KB 1712'

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# | 294' | com | 300 | 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 bbls. Gas-oil ratio CFPB |
| Disposition of gas (vented, used on lease or sold) | Producing interval(s) |

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CONSERVATION DIVISION

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 Wellman "F" | Dry Hole |
| S 31 T 21S R 9 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 |
|---|--------|---------------------------|--------------------------|-----------------------|
| DST #1 misrun | 3485 | 3510 | <u>SAMPLE TOPS:</u> | |
| DST #2 /45-45-45-45, rec. 130' mw w/sho oil on top, FP 42-84#, BHP 421-400# | 3485 | 3510 | Anhydrite B/Anhydrite | 314+ 1398 333+ 379 |
| | | | <u>LOG TOPS</u> | |
| | | | Heebner | 2861-1149 |
| | | | Br' Lime | 2998-1286 |
| | | | Lansing | 3030-1318 |
| | | | BKC | 3309-1597 |
| | | | Vio | 3441-1729 |
| | | | Simp Sd | 3495-1783 |
| | | | Arbuckle | 3556-1844 |
| | | | RTD | 3570-1858 |
| | | | LTD | 3574-1862 |
| <u>From</u> <u>To</u> <u>Description</u> | | | | |
| 0 | 294 | Surface Hole | | |
| 294 | 314 | Red Bed | | |
| 314 | 333 | Anhydrite | | |
| 333 | 810 | Shale | | |
| 810 | 1316 | Shale w/snd & lime strks | | |
| 1316 | 1475 | Shale w/lime strks | | |
| 1475 | 1640 | Shale & Lime & Sand strks | | |
| 1640 | 2195 | Shale & Lime | | |
| 2195 | 2485 | Lime & Shale | | |
| 2485 | 2715 | Shale & Lime | | |
| 2715 | 2935 | Lime & Shale | | |
| 2935 | 3085 | Shale & Lime | | |
| 3085 | 3570 | Lime | | |
| 3570 | R.T.D. | | | |

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

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