

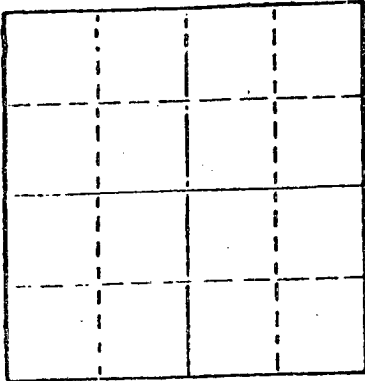
STATE OF KANSAS
STATE CORPORATION COMMISSION

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

Lease Owner Thunderbird Drilling, Inc.
Lease Name Bar "S" Ranch "B" 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 6/17/81 19
Application for plugging filed 6/17/81 19
Application for plugging approved 6/17/81 19
Plugging commenced 6/17/81 19
Plugging completed 6/17/81 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 3512
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
		0	265'	8 5/8"	265'	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/30 sx
3rd plug @ 40' w/10 sx
5 sx in rat hole. 50-50 poz, 3% cc., 4% gel.

RECEIVED
STATE CORPORATION COMMISSION
6-26-1981
JUN 26 1981

(If additional description is necessary, use BACK OF THIS FORM)
Name of Plugging Contractor Thunderbird Drilling, Inc. Conservation Division
Wichita, Kansas

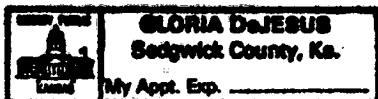
STATE OF KANSAS COUNTY OF SEDGWICK, ss.
Burke Krueger (employee of owner) or (owner or operator)
of the above-described well, being first duly sworn on oath, says: That I have knowledge of
the facts, statements, and matters herein contained and the log of the above-described well
as filed and that the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

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

SUBSCRIBED AND SWORN TO before me this 25th day of June, 19 81.

Gloria DeJesus
Notary Public.

My commission expires 3-25-84



KANSAS

WELL COMPLETION REPORT AND DRILLER'S LOG

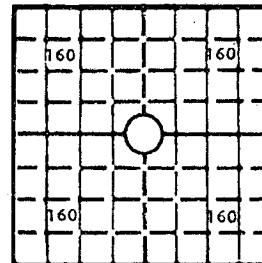
API No. 15 — 167 — 21,707 - 00-00
County Number

S. 28 T. 11S R. 14 W

Loc. SW SE SE

County Russell

640 Acres
N



Locate well correctly

Elev.: Gr. 1817

DF KB 1822

Operator

Thunderbird Drilling, Inc.

Address

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

Well No.

1

Lease Name

Bar "S" Ranch "B"

Footage Location

feet from (N) (S) line

feet from (E) (W) line

Principal Contractor

Thunderbird Drilling, Inc.

Geologist

Mark A. Thompson

Spud Date

6/6/81

Date Completed

6/17/81

Total Depth

3512

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#	265'	com	180	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

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STATE CORPORATION COMMISSION

6-26-81

JUN 23 1981

INITIAL PRODUCTION

CONSERVATION DIVISION
Wichita, Kansas

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

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.

Operator
Thunderbird Drilling, Inc.

DESIGNATE TYPE OF COMP.: OIL, GAS,
DRY HOLE, SWDW, ETC.:

Well No. 1 Lease Name Bar "S" Ranch "B"

Dry Hole

S 28 T11S R 14 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 /30-45-30-45, rec. 180' GIP, 100' mud w/sso, FP 35-64#, BHP 1074-1043#	2944	2968	<u>SAMPLE</u> Anhydrite B/Anhydrite	899+ 923 935+ 887
DST #2 /30-45-30-45, rec. 125' sosm, FP 54-97# BHP 971-950#	3013	3071	<u>LOG</u> Tarkio	2557- 735
DST #3 /30-45-30-45, rec. 220' wmn, FP 35-112#, BHP 1058-1062#	3074	3093	Topeka Heebner Lansing BKC	2718- 896 2978-1156 3030-1208 3302-1480
DST #4 /30-45-30-45, rec. 661' mw, FP 75-357# BHP 929-912#	3102	3155	Conglomerate Viola Simpson Arbuckle	3375-1553 3440-1618 3463-1641 3491-1669
DST #5 /30-45-30-45, rec. 270' mw w/sho oil, FP 61-126#, BHP 1154-1047#	3195	3242	LTD RTD	3500-1678 3512-1690
<u>From</u> <u>To</u> <u>Description</u>				
0	265	Surface Hole		
265	375	Shale, Shells, Red bed		
375	405	Sand		
405	825	Shale w/snd strks.		
825	899	Red Bed		
899	935	Anhydrite		
135	1280	Shale		
1280	1615	Shale & shells		
1615	1885	Lime & Shale		
1885	2110	Shale & Lime		
2110	2146	Shale & strks. of lime		
2146	2515	Lime & Shale		
2515	2715	Shale & Lime		
2715	2817	Lime & Strks. of shale		
2817	2970	Lime & Shale		
2970	3512	Lime		
3512	R.T.D.			

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

Date Received

[Handwritten Signature]
Signature

Vice-President

Title

June 24, 1981

Date