

This form shall be filed in duplicate with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within ten days after the completion of the well, regardless of how the well was completed.

Attach separate letter of request if the information is to be held confidential. If confidential, only file one copy. Information on side one will be of public record and side two will then be held confidential.

Circle one: Oil, Gas, Dry, SWD, OWWO, Injection. Type and complete **ALL** sections. Applications must be filed for dual completion, commingling, SWD and injection, T.A.

Attach wireline logs (i.e. electrical log, sonic log, gamma ray neutron log, etc.).
KCC # (316) 263-3238. (Rules 82-2-105 & 82-2-125)

OPERATOR Thunderbird Drilling, Inc.

ADDRESS P.O. Box 18407

Wichita, Kansas 67218

**CONTACT PERSON Gloria DeJesus

PHONE (316) 685-1441

PURCHASER _____

ADDRESS _____

DRILLING Thunderbird Drilling, Inc.

CONTRACTOR _____

ADDRESS Same as above

PLUGGING Thunderbird Drilling, Inc.

CONTRACTOR _____

ADDRESS Same as above

TOTAL DEPTH 4497 PBTD _____

SPUD DATE 2/4/82 DATE COMPLETED 2/22/82

ELEV: GR 2736 DF _____ KB 2741

DRILLED WITH (~~WIRE~~) (ROTARY) (~~XXX~~) TOOLS

Amount of surface pipe set and cemented 321' w/235 SX. DV Tool Used? no

API NO. 15-101-20,612-00-00

COUNTY Lane

FIELD Jennison

PROD. FORMATION _____

LEASE Kerkhoff "A"

WELL NO. 1

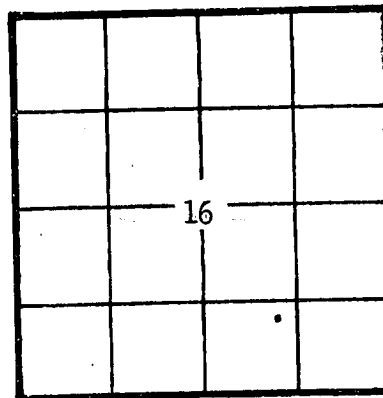
WELL LOCATION NE SW SE

990 Ft. from West Line and

990 Ft. from South Line of

the SE/4SEC. 16 TWP. 16S RGE. 29W

WELL PLAT



KCC ☒
KGS ☒
(Office Use)

A F F I D A V I T

STATE OF KANSAS, COUNTY OF SEDGWICK SS, I, _____

Burke Krueger OF LAWFUL AGE, BEING FIRST DULY SWORN UPON HIS OATH,

DEPOSES THAT HE IS Vice-President (FOR)(OF) Thunderbird Drilling, Inc.

OPERATOR OF THE Kerkhoff "A" LEASE, AND IS DULY AUTHORIZED TO MAKE

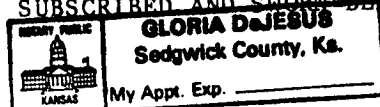
THIS AFFIDAVIT FOR AND ON THE BEHALF OF SAID OPERATOR, THAT WELL NO. 1 ON

SAID LEASE HAS BEEN COMPLETED AS OF THE 22nd DAY OF February, 19 82, AND THAT

ALL INFORMATION FURNISHED HEREIN WITH RESPECT TO SAID WELL IS TRUE AND CORRECT.

FURTHER AFFIANT SWEARS WITH NEARLY

SUBSCRIBED AND SWORN BEFORE ME THIS 18th DAY OF February, 19 82.



MY COMMISSION EXPIRES: 3-25-84

(S) Bh Bh

Gloria DeJesus
NOTARY PUBLIC

**The person who can be reached by phone regarding any questions concerning this information. Within 45 days of completion, a witnessed initial test by the Commission is required if the well produces more than 25 BOPD or is located in a Basic Order Pool.

SIDE TWO

WELL LOG

SHOW GEOLOGICAL MARKERS, LOGS RUN,
OR OTHER DESCRIPTIVE INFORMATION.

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.

FORMATION DESCRIPTION, CONTENTS, ETC.	TOP	BOTTOM	NAME	DEPTH
			No Log	
Surface Hole	0	321		
Shale w/snd strks	321	1636	Anhydrite	2134+ 607
Sand & Shale	1636	2135	Heebner	3822-1081
Anhydrite	2135	2166	Toronto	3848-1102
Shale	2166	2494	Lansing	3866-1117
Shale w/lime strks	2494	2620	BKC	4193-1452
Lime & Shale	2620	2694	Marmaton	4231-1490
Shale & Lime	2694	2850	Pawnee	4320-1579
Lime & Shale	2850	2990	Fort Scott	4371-1630
Lime	2990	3117	Cherokee	4396-1655
Lime & Shale	3117	3235	Mississippian	4472-1731
Lime & Shale strks	3235	3295	RTD	4497-1756
Lime & Shale	3295	3590		
Lime	3590	3681		
Lime & Shale	3681	3911		
Lime	3911	4497		
R.T.D.	4497			
DST #1 4021-4055/30-30-30-30, rec. 5' mud, FP 49-49#, BHP 189-82#				
DST #2 4071-4115/30-30-30-30, rec. 35' soswm, FP 57-66#, BHP 993-977#				
DST #3 4099-4175, misrun				
DST #4 4085-4175, misrun				
DST #5 4073-4175, misrun				
DST #6 4012-4215/45-45-30-45, rec. 300' mud, 420' oswm, 720' gsy sw, 30' sosm, FP 189-601#, BHP 1075-1075#				
DST #7 4228-4302/30-30-30-30, rec. 2' f.o., 98' ocm, FP 74-99#, BHP 944-895#				

Report of all strings set — surface, intermediate, production, etc. CASING RECORD (New) or (XXX)

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	12-1/4"	8 5/8"	24#	321'	common	235	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	
Date of first production		Producing method (flowing, pumping, gas lift, etc.)		Gravity separator	
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)			Perforations		

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FIELD Jernison

**CONTACT PERSON Gloria DeJesus

PROD. FORMATION _____

PHONE (316) 685-1441

LEASE Kerkhoff "A"

PURCHASER _____

WELL NO. 1

ADDRESS _____

WELL LOCATION NE SW SE

DRILLING Thunderbird Drilling, Inc.

990 Ft. from West Line and

CONTRACTOR _____

990 Ft. from South Line of

ADDRESS Same as above

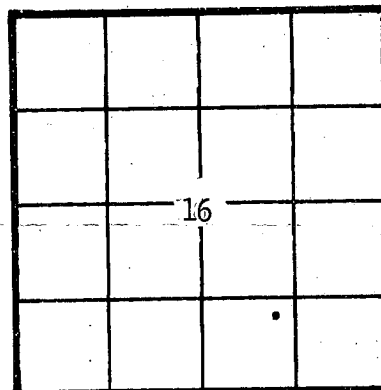
the SE/4SEC. 16 TWP. 16S RGE. 29W

PLUGGING Thunderbird Drilling, Inc.

CONTRACTOR _____

ADDRESS Same as above

WELL PLAT



KCC ☒
KGS ☒
(Office Use)

TOTAL DEPTH 4497 PBTB _____

SPUD DATE 2/4/82 DATE COMPLETED 2/22/82

ELEV: GR 2736 DF _____ KB 2741

DRILLED WITH (~~WALKER~~) (ROTARY) (~~XXX~~) TOOLS

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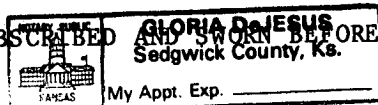
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FURTHER AFFRANT SAITH NOT. 03-29-1982

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(S) Gloria DeJesus

NOTARY PUBLIC

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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

Amount and kind of material used	Depth interval treated

Date of first production	Producing method (flowing, pumping, gas lift, etc.)			Gravity	
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)			Perforations		