

AFFIDAVIT AND COMPLETION FORM

ACO-1

This form must be filed in triplicate with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within five days after the completion of the well, regardless of how the well was completed. Circle one: Oil, gas, dry, SWD, OWWO, injection. Please type. Complete ALL sections. Applications must be filed for dual completion, commingling, salt water disposal and injection. Attach wireline logs (i.e. electrical log, sonic log, gamma ray neutron log, etc.) KCC#-(316) 263-3238.

OPERATOR Thunderbird Drilling, Inc. API NO. 15-167-21,806-0000
 ADDRESS P.O. Box 18407 COUNTY Russell
Wichita, Kansas FIELD Wildcat STEINLE
 **CONTACT PERSON Gloria DeJesus LEASE Steinle

PHONE 685-1441 WELL NO. 1
 PURCHASER Clear Creek WELL LOCATION SW NW NW
 ADDRESS Box 1045 McPherson, Kansas 990 Ft. from North Line and
 330 Ft. from West Line of
 the NW SEC. 34 TWP11S RGE.14W

DRILLING CONTRACTOR Rains & Williamson Oil Co., Inc.
 ADDRESS 435 Page Court, 220 W. Douglas
Wichita, Kansas 67202

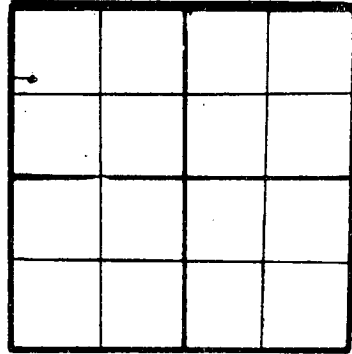
PLUGGING CONTRACTOR _____
 ADDRESS _____

TOTAL DEPTH 3510' PBTD _____

SPUD DATE 10/23/81 DATE COMPLETED 11/4/81

ELEV: GR 1773 DF KB 1778

DRILLED WITH (~~OPEN~~) (ROTARY) (~~AND~~) TOOLS
 Report of all strings set — surface, intermediate, production, etc. (New)/(~~XXXX~~) casing.



WELL PLAT
 (Quarter) or (Full) Section - Please indicate.

KCC _____
 KGS _____
 MISC. _____

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"	20#	363'	com	165	2% gel, 3% cc.
Production		4 1/2"	14#	3508'		175	

LINER RECORD			PERFORATION RECORD		
Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			2		3155-3164
TUBING RECORD			2		3024-3030
Size	Setting depth	Packer set at	2		2988-2994

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD	
Amount and kind of material used	Depth interval treated
A 1,250 Gal. M.A., 1000 gal, 15% NE	3155-3164
A 500 Gal. M.A.	3024-3030
A 500 Gal. M.A.	2988-2994

TEST DATE:		PRODUCTION			
Date of first production	Producing method (flowing, pumping, gas lift, etc.)	A.P.I. Gravity			
	Pumping				
RATE OF PRODUCTION PER 24 HOURS	Oil 55 bbls.	Gas None	Water 65% MCF	Gas-oil ratio	CFPB
Disposition of gas (vented, used on lease or sold)			Producing interval (s): LKC 3155-3164, 3024-3030, 2988-2994		

** The person who can be reached by phone regarding any questions concerning this information.
 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.

CONSERVATION DIVISION
 Wichita Kansas

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Name of lowest fresh water producing stratum unknown Depth 313'
 Estimated height of cement behind pipe cement circulated

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. 10' mud, few spks. oil, FP 19-29#, BHP 1003-994#	2882	2910	Anhydrite Tarkio Topeka	854+ 924 2510- 732 2673- 895
DST #2 (LKC "A" Zone) /30-60-30-60, rec. 180' gip, 45' gocm (30% oil), 30' owm (45% oil), 30' wm, FP 59-49#, BHP 1003-964#	2980	3003	Heebner Lansing BKC Arbuckle RTD	2926-1148 2982-1204 3315-1537 3478-1700 3510-1732
DST #3 /30-60-30-60, rec. 996' vhocm (45% oil) 180' ocwm (20% oil) 90- socmw (8% oil) 120' ow, FP 69-276#, BHP 1101-1081#	3010	3035	LTD	3513-1735
DST #4 /30-60-30-90, rec. 20' osmw, 305' mw, FP 49-138#, BHP 954-954#	3072	3098		
DST #5 /30-60-30-90, rec. 120' mco, 10' wtr, FP 39-79#, BHP 1178-1169#	3148	3166		
DST #6 /30-60-30-30, rec. 7' hosm, FP 29-19# BHP 69-49#	3193	3241		
Driller's log attached.				
USE ADDITIONAL SHEETS, IF NECESSARY, TO COMPLETE WELL RECORD.				

A F F I D A V I T

STATE OF KANSAS, COUNTY OF SEDGWICK SS,
Burke Krueger OF LAWFUL AGE, BEING FIRST DULY SWORN UPON HIS

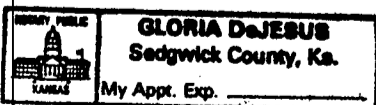
OATH, DEPOSES AND SAYS:

THAT HE IS Vice-President FOR Thunderbird Drilling, Inc.
 OPERATOR OF THE Steinle LEASE, AND IS DULY AUTHORIZED TO MAKE THIS
 AFFIDAVIT FOR AND ON BEHALF OF SAID OPERATOR, THAT WELL NO. 1 ON SAID LEASE HAS
 BEEN COMPLETED AS OF THE _____ DAY OF _____ 19____, AND THAT ALL
 INFORMATION ENTERED HEREIN WITH RESPECT TO SAID WELL IS TRUE AND CORRECT.

FURTHER AFFIANT SAITH NOT.

(S) *Burke Krueger*

SUBSCRIBED AND SWORN TO BEFORE ME THIS _____ DAY OF _____ 19____



Gloria DeJesus
 NOTARY PUBLIC

MY COMMISSION EXPIRES: 3-25-84

DRILLER'S LOG

15-167-21806-0000

COMPANY: Thunderbird Drilling, Inc.

SEC. 34 T. 11S R. 14W

LOC. SW NW NW

WELL NAME: Steinle #1

COUNTY: Russell

RIG NO. #4

TOTAL DEPTH 3510'

ELEVATION 1773 GL 1778 KB

COMMENCED: 10-22-81 COMPLETED: 11-3-81

CONTRACTOR: Rains & Williamson Oil Co., Inc.

CASING RECORD:

SURFACE: 8 5/8" @ 363' w/165 sx. 60/40 poz., 2% gel, 3% cc.

PRODUCTION: 4 1/2" @ 3508' w/175 sx. common.

LOG

(Figures Indicate Bottom of Formations)

Sand & Shale	100
Shale	1030
Shale & Shells	1365
Shale	1845
Shale & Shells	2005
Lime & Shale	2375
Shale & Lime	2510
Lime	3075
Lime & Shale	3120
Lime	3510
<u>ROTARY TOTAL DEPTH</u>	<u>3510</u>

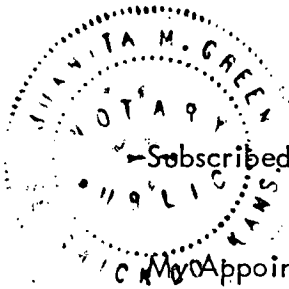
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REGISTRATION COMMISSION
FFR-4 1982
REGISTRATION DIVISION
STATE OF KANSAS

STATE OF Kansas)
COUNTY OF Sedgwick) SS:

I, Wilson Rains, President of Rains & Williamson Oil Co., Inc.
upon oath state that the above and foregoing is a true and correct copy of the log of the
Steinle #1 well.

Wilson Rains
Wilson Rains

Subscribed and sworn to before me this 5 day of November, 1981.



My Appointment Expires:
10-4-83

Juanita M. Green
Juanita M. Green