

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.

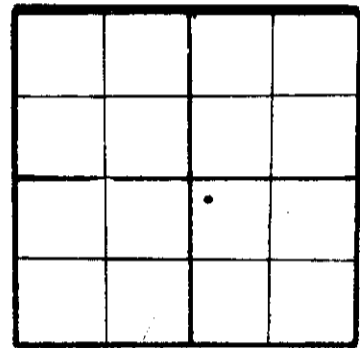
OPERATOR Thunderbird Drilling, Inc. API NO. 15-101-20,579-0000
 ADDRESS P.O. Box 18407 COUNTY Lane
Wichita, Kansas 67218 FIELD Jennison
 **CONTACT PERSON Gloria DeJesus LEASE Richards

PHONE (316) 685-1441
 PURCHASER Koch Oil Company WELL NO. 1
 ADDRESS Wichita, Ks. WELL LOCATION NW NW SE

DRILLING CONTRACTOR Thunderbird Drilling, Inc. 330 Ft. from West Line and
 ADDRESS P.O. Box 18407 330 Ft. from North Line of
Wichita, Ks. 67218 the SE/4 SEC. 20 TWP. 16S RGE. 29W

PLUGGING CONTRACTOR _____
 ADDRESS _____

TOTAL DEPTH 4465 PBTD _____
 SPUD DATE 11/21/81 DATE COMPLETED 12/4/81
 ELEV: GR 2719 DF KB 2724



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

DRILLED WITH (CRACK) (ROTARY) (ACC) TOOLS
 Report of all strings set - surface, intermediate, production, etc. (New) / (~~USED~~) casing.

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#	328'	com	225	2% gel, 3% cc.
Production		5 1/2"	14#	4458'		150	

LINER RECORD			PERFORATION RECORD		
Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
TUBING RECORD			2		4128-4134
Size	Setting depth	Packer set at			

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD	
Amount and kind of material used	Depth interval treated
A 500 Gal. M.A.	4128-4134

TEST DATE:		PRODUCTION	
Date of first production	Producing method (flowing, pumping, gas lift, etc.)	A.P.I. Gravity	
	Pump		
RATE OF PRODUCTION PER 24 HOURS	Oil	Gas	Water
	53 bbls.	None	None
		MCF	bbls.
Disposition of gas (vented, used on lease or sold)	Producing interval (s)		
	IKC 4128-4134		

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

FEB - 9 1982

Name of lowest fresh water producing stratum unknown Depth 278
 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
DST #1 /30-30-30-30, rec. 75' osm, FP 78-100# BHP 1147-1137#	3893	3930	LOG TOPS	
DST #2 /30-45-60-45, rec. 285' gip, 40' cgo, 135' mo, 30' ocmw, 120' wtr, FP 64-192# BHP 1091-1082#	4023	4058	Anhydrite B/Anhydrite Heebner Toronto Lansing BKC Marmaton	2126+ 598 2152+ 572 3792-1068 3810-1806 3826-1102 4170-1446 4198-1474
DST #3 /30-30-30-30, rec. 30' sosm, FP 45-54# BHP 1000-954#	4093	4115	Pawnee Fort Scott Cherokee Mississippian	4282-1558 4340-1616 4366-1642 4442-17.8
DST #4 /30-45-30-45, rec. 300' gip, 2875' cgo, FP 366-1055#, BHP 1045-1064#	4119	4150	RTD LTD	4465-1741 4469-1745
DST #5 /30-30-30-30, rec. 10' osm, FP 45-64# BHP 137-155#	4181	4220		
DST #6 /30-30-30-30, rec. 10' osm, FP 82-82# BHP 293-100#	4233	4303		
DST #7 /30-30-30-30, rec. 15' osm, FP 64-73# BHP 1018-862#	4394	4443		

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 Richards 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 8th DAY OF February 19 82, AND THAT ALL INFORMATION ENTERED HEREIN WITH RESPECT TO SAID WELL IS TRUE AND CORRECT.

FURTHER AFFIANT SAITH NOT.

(S) Bh Bh

SUBSCRIBED AND SWORN TO BEFORE ME THIS 8th DAY OF February 1982



Gloria DeJesus
 NOTARY PUBLIC

MY COMMISSION EXPIRES: 3-25-84

Driller's Log

Richards #1
 NW NW SE, Sec. 20-16S-29W
 Lane County, Kansas

<u>From</u>	<u>To</u>	<u>Description</u>
0	328	Surface hole
328	2083	Shale & Sand
2083	2125	Shale & Shells
2125	2153	Anhydrite
2153	2651	Shale & Shells
2651	2770	Shale & lime strks.
2770	2955	Shale & lime
2955	3120	Shale & strks. of lime
3120	3230	Lime
3230	3405	Shale & Lime
3405	3547	Lime & Shale
3547	3662	Lime
3662	3810	Shale & Lime
3810	3895	Lime & strks of shale
3895	4465	Lime
4465	R.T.D.	