

TYPE

AFFIDAVIT OF COMPLETION FORM

ACO-1 WELL HISTORY

Compt. _____

SIDE ONE

(Rules 82-3-130 and 82-3-107)

DOCKET NO. NP _____

This form shall be filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within ninety (90) days after the completion of a well, regardless of how the well was completed.

FOR INFORMATION REGARDING THE NUMBER OF COPIES TO BE FILED AND APPLICATIONS REQUIRING COPIES OF ACO-1 FORMS SEE PAGE TWO (2), SIDE TWO (2) OF THIS FORM.

F _____ Letter requesting confidentiality attached.

C Attach ONE COPY of EACH wireline log run (i.e. electrical log, sonic log, gamma ray neutron log etc.)***Check here if NO logs were run_____.

PLEASE FILL IN ALL INFORMATION. IF NOT AVAILABLE, INDICATE. IF INFORMATION LATER BECOMES AVAILABLE, SUBMIT BY LETTER.

LICENSE # 5131 EXPIRATION DATE 6-30-84

OPERATOR Thunderbird Drilling, Inc. API NO. 15-101-20,884-00-00

ADDRESS P.O. Box 18407 COUNTY Lane

Wichita, Kansas 67218 FIELD Jennison

** CONTACT PERSON Burke Krueger PROD. FORMATION Lansing

PHONE (316) 685-1441 Indicate if new pay.

PURCHASER Koch Oil Company LEASE RICHARDS

ADDRESS Wichita, Ks. WELL NO. 3

DRILLING CONTRACTOR Thunderbird Drilling, Inc. WELL LOCATION NW NW SE

ADDRESS Same as above 2310Ft. from South Line and

2310Ft. from East Line of
the SE/4(Qtr.)SE17 TWP 16S RGE 29W(W).

PLUGGING CONTRACTOR ADDRESS _____

WELL PLAT

(Office Use Only)

		17.	

KCC
KGS

SWD/REP _____
PLG. _____

NGPA _____

TOTAL DEPTH 4445 PBDT _____

SPUD DATE 11/19/83 DATE COMPLETED 1/1/84

ELEV: GR 2689 DF _____ KB 2694

DRILLED WITH (~~CABLE~~) (ROTARY) (~~AND~~) TOOLS.

DOCKET NO. OF DISPOSAL OR REPRESSURING WELL BEING USED TO DISPOSE OF WATER FROM THIS LEASE _____

Amount of surface pipe set and cemented 347' DV Tool Used? no

TYPE OF COMPLETION THIS AFFIDAVIT APPLIES TO: (Circle ONE) - Oil Shut-in Gas, Gas, Dry, Disposal, Injection, Temporarily Abandoned. If OWWO, indicate type of re-completion _____. Other completion _____. NGPA filing _____

ALL REQUIREMENTS OF THE STATUTES, RULES AND REGULATIONS PROMULGATED TO REGULATE THE OIL AND GAS INDUSTRY HAVE BEEN FULLY COMPLIED WITH.

A F F I D A V I T

Burke Krueger, being of lawful age, hereby certifies that:

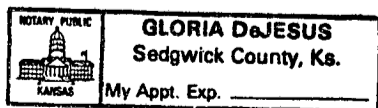
I am the Affiant, and I am familiar with the contents of the foregoing Affidavit. The statements and allegations contained therein are true and correct.

[Signature]

(Name)

SUBSCRIBED AND SWORN TO BEFORE ME this 4th day of January,

1984 .



[Signature]

(NOTARY PUBLIC)

MY COMMISSION EXPIRES: 3-25-84

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

RECEIVED
STATE CORPORATION COMMISSION

JAN 11 1984
01-11-1984
CONSERVATION DIVISION

Side TWO

(E)

OPERATOR Thunderbird Drilling, Inc. LEASE NAME Richards SEC 17 TWP 16S RGE 29W (W)

WELL NO 3

FILL IN WELL INFORMATION AS REQUIRED:

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
<p>Check if no Drill Stem Tests Run. <input type="checkbox"/></p> <p>Check if samples sent Geological Survey. <input checked="" type="checkbox"/></p>			LOG TOPS:	
DST #1, 3806-3830/30-45-60-45, rec. 120' gip, 90' ocwm, FP 19-69#, BHP 1110-994#			Anhydrite	2086+ 608
DST #2, 3848-3875/30-45-30-3-, rec. 15' osm, FP 19-29#, BHP 1217-690#			B/Anhydrite	2114+ 580
DST #3, 3868-3892/30-45-60-45, rec. 1000' gip, 1000' cgo, 500' mo, 250' osmw, FP 980709#, BHP 896-876#			Heebner	3750-1056
DST #4, 3942-3980/30-45-60-45, rec. 360' gip, 120' ocm, FP 29-79#, BHP 1130-1033#			Toronto	3767-1073
DST #5, 4035-4075/30-45-60-45, rec. 400' gip, 190' co, 60' o&gcm, 120' mocw, FP 49-177#, BHP 964-886#			Lansing-KC	3786-1092
DST #6, 4068-4110/30-45-60-45, rec. 180' gip, 1530' cgo, 120' mco, FP 256-631#, BHP 631-631#			BKC	4129-1435
DST #7, 4121-4265/30-45-60-45, rec. 130' osmw, FP 88-118# BHP 523-316#			Marmaton	4156-1462
DST #8, 4308-4335/30-45-60-45, rec. 120' gip, 130' osmw, FP 29-88#, BHP 964-768#			Pawnee	4244-1550
DST #9, 4343-4410/30-45-60-45, rec. 50' oswm, FP 39-59#, BHP 385-118#			Fort Scott	4300-1606
			Cherokee	4322-1628
			Miss	4391-1697
			RTD	4445-1751
			LTD	4445-1751
<u>Description</u>	<u>From</u>	<u>To</u>		
Surface hole	0	347	Shale	2110 2205
Shale	347	1115	Shale & Lime	2205 2530
Sand	1115	1276	Lime & Shale	2530 2745
Shale w/snd strks	1276	1680	Lime	2745 4445
Sand	1680	1880	R.T.D.	4445
Shale	1880	2055		
Shale & Red bed	2055	2080		
Anhydrite	2080	2110		

If additional space is needed use Page 2

Report of all strings set — surface, intermediate, production, etc.

CASING RECORD (New) or ~~EXIST~~

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#	347'	com	250	2% gel, 3% cc.
Production		5 1/2"	14#	4443		175	

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			2		3994-4026OA
TUBING RECORD					
Size	Setting depth	Packer set at			

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
A 1500 MA + 50 ball sealers	3994-4026 OA

Date of first production	Producing method (flowing, pumping, gas lift, etc.)	Gravity
1/1/84	Pumping	
Estimated Production - I.P.	Oil	Gas
	90 bbls.	None MCF
Disposition of gas (vented, used on lease or sold)	Water	Gas-oil ratio
DDV15045	% 2 bbls.	CFPB
		Perforations 3994-4026 OA

MAI
COALITION