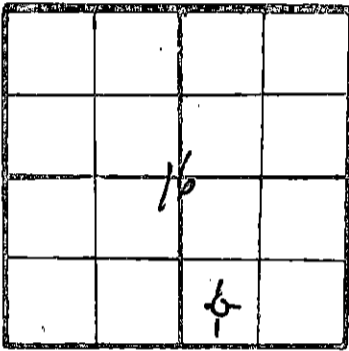


AFFIDAVIT AND COMPLETION FORM

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 Leach & Associates API NO. 15-155-20,848 -0000
 ADDRESS 11237 West 26th Place COUNTY Reno
Lakewood, Colorado 80215 FIELD _____
 **CONTACT PERSON BR Leach LEASE Grabbs
 PHONE 232-4999 PROD. FORMATION _____
 PURCHASER _____ WELL NO. 1
 ADDRESS _____ WELL LOCATION C SW/4 SE/4
600 Ft. from E Line and
600 Ft. from S Line of
 the SEC. 16 TWP. 24S RGE.8W
 DRILLING CONTRACTOR Red Tiger Drilling Company
 ADDRESS 1720 KSB Building
Wichita, Kansas 67202
 PLUGGING CONTRACTOR Red Tiger Drilling Company
 ADDRESS 1720 KSB Building, Wichita, Ks. 67202
 TOTAL DEPTH 4,140' PBTD _____
 SPUD DATE 2/23/82 DATE COMPLETED 3/5/82
 ELEV: GR _____ DF _____ KB _____



WELL PLAT
 (Quarter) or (Full) Section - Please indicate.
 KCC
 KGS
 MISC. _____

DRILLED WITH (~~RAMME~~) (ROTARY) (~~AXR~~) 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"	20#	331.24'	Common	225 sx	2% Gel, 3% C.C.

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

TEST DATE: _____ PRODUCTION _____

Date of first production	Producing method (flowing, pumping, gas lift, etc.)	A.P.I. Gravity
RATE OF PRODUCTION PER 24 HOURS	Oil _____ bbls. Gas _____ MCF Water _____ %	Gas-oil ratio _____
Disposition of gas (vented, used on lease or sold)	Producing interval (s)	CFPD

RECEIVED
 MAR 22 1982
 3-22-82
 STATE CORPORATION COMMISSION
 WICHITA, KANSAS

** 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.

Name of lowest fresh water producing stratum Unknown Depth 100'
 Estimated height of cement behind pipe. 323'

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
Surface Soil	0	10		
Sand	10	45		
Red Bed	45	335		
Grey Shale	335	930		
Shale & Lime	930	1750		
Lime & Shale	1750	2030		
Shale	2030	2340		
Shale & Lime	2340	2610		
Lime w/Shale Streaks	2610	2830		
Lime	2830	3670	Howard	2553'
Lime & Shale	3670	3598	TOPEKA	2669'
Chert & Dolomite	3598	3713	Heebner	3003'
Chert, Dolomite & Lime	3713	3720	Douglas	3015'
Lime	3720	3995	Lansing	3206'
Viola	3995	4035	Arbuckle	4099'
Simpson	4035	4100	LTD	4144'
Arbuckle	4100	4140		
RTD		4140		

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

A F F I D A V I T

STATE OF COLORADO, COUNTY OF JEFFERSON SS,

BINGHAM R. LEACH OF LAWFUL AGE, BEING FIRST DULY SWORN UPON HIS OATH, DEPOSES AND SAYS:

THAT HE IS President FOR LEACH & ASSOCIATES INC. OPERATOR OF THE CRABBS 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 5 DAY OF March 1982, AND THAT ALL INFORMATION ENTERED HEREIN WITH RESPECT TO SAID WELL IS TRUE AND CORRECT.

FURTHER AFFIANT SAITH NOT.

SUBSCRIBED AND SWORN TO BEFORE ME THIS 18th DAY OF March 1982

(S) [Signature]
[Signature]
 NOTARY PUBLIC

MY COMMISSION EXPIRES: 02-26-84

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.

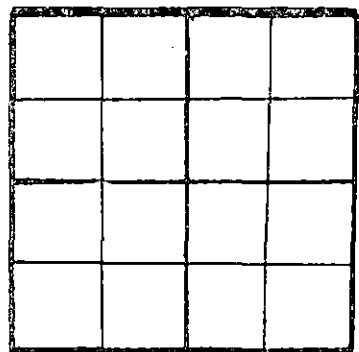
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 **CONTACT PERSON BK Leach LEASE Grabbs
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600 Ft. from E Line and
600 Ft. from S Line of
 the SEC. 16 TWP. 24S RGE.8W

DRILLING CONTRACTOR Red Tiger Drilling Company
 ADDRESS 1720 KSB Building
Wichita, Kansas 67202

PLUGGING CONTRACTOR Red Tiger Drilling Company
 ADDRESS 1720 KSB Building, Wichita, Ks. 67202

TOTAL DEPTH 4,140' PBD _____
 SPUD DATE 2/23/82 DATE COMPLETED 3/5/82
 ELEV: GR _____ DF _____ KB _____



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

KCC _____
 KGS _____
 MISC.

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

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TUBING RECORD		
Size	Setting depth	Packer set at

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD	
Amount and kind of material used	Depth interval treated

TEST DATE: _____ PRODUCTION

Date of first production	Producing method (flowing, pumping, gas lift, etc.)	RECEIVED STATE CORPORATION COMMISSION 3-22-82 MAR 22 1982 CFB
RATE OF PRODUCTION PER 24 HOURS	Oil _____ Gas _____ Water _____	
Disposition of gas (vented, used on lease or sold)	Producing interval (s)	CONSERVATION DIVISION Wichita, Kansas

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Name of lowest fresh water producing stratum Unknown Depth 100'
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Simpson	4035	4100	LTD	4144'
Arbuckle	4100	4140		
RID		4140		

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

A F F I D A V I T

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BINGHAM R. LEACH OF LAWFUL AGE, BEING FIRST DULY SWORN UPON HIS OATH, DEPOSES AND SAYS:

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

FURTHER AFFIANT SAITH NOT.

SUBSCRIBED AND SWORN TO BEFORE ME THIS 18th DAY OF March 1982

(S) [Signature]
[Signature]
[Signature]
 NOTARY PUBLIC

MY COMMISSION EXPIRES: 02-26-84

CONTRACTORS WELL LOG

OPERATOR: Petromark
 CONTRACTOR: Lakin Drilling
 WELL NAME: Tina # 1
 LOCATION: 32-21-39W
Hamilton County, Kansas
 GEOLOGIST: _____
 SPUD DATE: 11-17-81
 COMPLETION DATE: 11-22-81

FOOTAGE:

<u>0</u>	<u>250</u>	<u>Clay & Sand</u>
<u>250</u>	<u>371</u>	<u>Shale</u>
<u>371</u>	<u>1548</u>	<u>Clay & Shale</u>
<u>1548</u>	<u>2314</u>	<u>Shale Anhy-Strks & Salt</u>
<u>2314</u>	<u>2330</u>	<u>Anhy.</u>
<u>2330</u>	<u>2825</u>	<u>Anhy-Shale & Lime</u>
	<u>2825</u>	<u>T.D.</u>
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

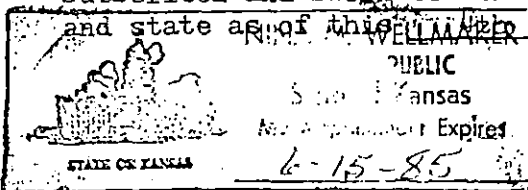
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 STATE CORPORATION COMMISSION
 3-18-82
 MAR 18 1982
 CONSERVATION DIVISION
 Wichita, Kansas

REPORT: Spud in @ 5:00 P.M. 11-17-81. 12 $\frac{1}{4}$ " Hole to 371'
 Ran 9 Jts. 8 5/8" 20# Csg. 361' set @ 369' Cement with 275 "H" 3% c.c.
 Plug down @ 11:15 P.M. 11-18-81 by Dowell.
 Ran 70 Jts. 4 $\frac{1}{2}$ " 9.5# Csg. 2817' Landed @ 2824'
 Cement with 400 Sx. "H" 1# Flocele & 4 $\frac{1}{2}$ % Gel tailed with 150
 "H" 18% Salt 1# Flocele 3/4 of 1% CFR-2
 Completed by Dowell Rig released @ 9:00 P.M. 11-22-81

* * * * *

State of Kansas County of Kearny
 Louis C Blankenship, Drilling Supt for Lakin Drilling Co, does hereby state that
 the above and foregoing is a true and correct copy of the log of the Tina # 1
lease; 32-21-39 (legal); Hamilton (county); Kansas.

LAKIN DRILLING COMPANY
 By: Louis C Blankenship
 Louis C Blankenship, Drilling Supt.

Subscribed and sworn to before me, a Notary Public, in and for the aforesaid county
 and state as of this 11th day of December, 1981.

Thomson J. Williams
 Notary Public
 My Commission Expires: 6-15-85

LEACH & ASSOCIATES

11237 West 26th Place

Lakewood, Colorado 80215

Telephone: 303/232-7561
4999

1 Grabbs

SW /~~4~~ SE/4
Sec. 16 T24S-R8W
Reno Cty. KansasCentral Troy S. Prospect
ELEV: GR. 1650'
KB. 1655'
Contr. Red Tiger
Rig #3.

SPUD DATE: Feb.22,1982 est.

SPUD: 2/23/82 7:10am

CASING: 8-5/8" : 331'. Circ. by SUN.

DAILY INFORMATION:

2/22/82: MIRT.
 2/23/82: Spud 7:10am., Drilled to 335' set 331' 8-5/8" csg. Cemented w/225 skx. Common cement 2% gel, 1% CaCl. PD @ 4 pm. Do @ 12:30 am 2/24/82.
 2/24/82: Drlg. @ 930' @ 7:30 am.
 2/25/82: Drlg. @2030' @ 7:30 am.
 2/26/82: Drlg. @2880' @ 8:00 am.
 2/27/82: Drlg. @3363' @ 7:30 am. MUdded up @ 3000' w/ starch mud. prepare to DST #1. 3318-91'. L-KC fm. Sli. SFO @ 3355'. Recd; 550' sli-mud cut salt water. PRESS & Times 30'-45' 30'-45'. ISIP;1291#, FSIP;1280#, IFP; 86-193#, FFP;231-312#. IHP; 1786#, FHP;1755#. Mud before test; 45 Vis., 9.8#, WL;7.2, Cl Chl; 115,000ppm., Cal; 960 ppm.
 2/28/82: Drlg. @3460' @ 8:00 am.
 3/ 1/82: Drlg. @3677' @ 7:00 am. Show of oil cut w/gas @ 3698' drilled to 3713' DST #2. 3695-3713' Miss. FM. Top3698'. Recd; 300'GIP, 50' gas cut mud w/show of spotted oil top tool. Mud; 3% gas, 2% oil, 32% water, 63% mud. 75,000 ppm chbrides. PRESS & Times; 75'-45'-30'-45'. IF weak building to good 5" blow. FF Good 5" blow increasing to 7". ISIP;86#, FSIP;75#, IFP;64-43#, FFP; 43#-43#. HP;1966-1955#. 3/ 2/82: Drlg. @3822' @ 7:30 am. Mud; 44 Vis. Wt 9.6#. WL 9.6.
 3/ 3/82: Drlg. @4045' @ 7:30 am. Viola Fm. 3953'. Simpson 4049' TD hole @ 4140'. NS Arbuckel Fm. Prepare to run log.
 3/ 4/82: Ran RA Guard Log by Great Guns. Prepare to Straddle Test 3380-3404' L-KC fm. DST #3. Hock Wall; Mis-run. DST #4; Conventional Straddle, Mis-run, Pkr. Failure, Recd. 400' mud.
 Due to structure position, 50' low on L-KC Fm. It was decided to Plug & abandon, Grabbs #1. 3/4/82. 8:pm.

SAMPLE TOPS:

Howard : 2503' (-848)
 TOPEKA : 2624' (-969)
 Heebner : 3044' (-1389)
 Douglas : 3065' (-1410)
 Lansing : 3198' (-1543)
 Arbuckel : 4090' (-2435)
 TD Drlr. : 4140'

LOG TOPS:

Howard : 2553' (-898)
 TOPEKA : 2669' (-1014)
 Heebner : 3003' (-1378)
 Douglas : 3015' (-1360)
 Lansing : 3206' (-1551)
 Arbuckel : 4099' (-2444)
 LTD : 4144'