

STATE OF KANSAS
STATE CORPORATION COMMISSION
200 COLORADO DERBY BUILDING
WICHITA, KANSAS 67202

WELL PLUGGING RECORD

API NUMBER 15-009-23,187-00-00

LEASE NAME RIEMANN

TYPE OR PRINT
PLEASE FILL OUT COMPLETELY
AND MAKE REQUIRED AFFIDAVIT.

WELL NUMBER #1

SPOT LOCATION NE SE SW

LEASE OPERATOR BROUGHER OIL, INC.

SEC. 23 TWP. 16 RGE. 12 (E) OR (W)

ADDRESS P. O. Drawer 1367

COUNTY Barton

Great Bend, KS 67530

DATE WELL COMPLETED 7-18-83

PHONE #(316) 793-5610 OPERATORS LICENSE NO. 6393

PLUGGING COMMENCED 7-18-83

CHARACTER OF WELL D/A
(OIL, GAS, D&A, SWD, INPUT, WATER SUPPLY WELL)

PLUGGING COMPLETED 7-18-83

DID YOU NOTIFY THE KCC/KDHE JOINT DISTRICT OFFICE PRIOR TO PLUGGING THIS WELL? Yes

WHICH KCC/KDHE JOINT OFFICE DID YOU NOTIFY? Hays

IS ACO-I FILED? Yes IF NOT, IS WELL LOG ATTACHED? _____

PRODUCING FORMATION _____ DEPTH TO TOP _____ BOTTOM _____ T.D. 3400'

SHOW DEPTH AND THICKNESS OF ALL WATER, OIL AND GAS FORMATIONS.

OIL, GAS OR WATER RECORDS

CASING RECORD

FORMATION	CONTENT	FROM	TO	SIZE	PUT IN	PULLED OUT
				8 5/8"	473'	o

DESCRIBE IN DETAIL THE MANNER IN WHICH THE WELL WAS PLUGGED, INDICATING WHERE THE MUD FLUID WAS PLACED AND THE METHOD OR METHODS USED IN INTRODUCING IT INTO THE HOLE. IF CEMENT OR OTHER PLUGS WERE USED STATE, THE CHARACTER OF SAME AND DEPTH PLACED, FROM FEET TO FEET EACH SET. PTA w/130 sks 50/50 pozmix cement, 4% gel, 3% CC 1st plug @820' - 20 sks; 2nd plug @500' - 80 sks; Top 40' - 10 sks; Rathole - 10 sks; Mousehole - 10 sks.

Plugging Complete

(IF ADDITIONAL DESCRIPTION IS NECESSARY, USE BACK OF THIS FORM.)

NAME OF PLUGGING CONTRACTOR HALLIBURTON SERVICES LICENSE No. _____

ADDRESS 2400 Main, Great Bend, Kansas

STATE OF Kansas COUNTY OF Barton SS.

Joe E. Brougher (EMPLOYEE OF OPERATOR) OR (OPERATOR) OF ABOVE-DESCRIBED WELL, BEING FIRST DULY SWORN ON OATH, SAYS: THAT I HAVE KNOWLEDGE OF THE FACTS, STATEMENTS, AND MATTERS HEREIN CONTAINED AND THE LOG OF THE ABOVE-DESCRIBED WELL AS FILED THAT THE SAME ARE TRUE AND CORRECT, SO HELP ME GOD.

(SIGNATURE) Joe E. Brougher

(ADDRESS) P. O. Drawer 1367

Great Bend, KS 67530

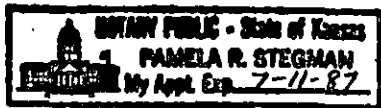
SUBSCRIBED AND SWORN TO BEFORE ME THIS 10th DAY OF August, 19 83

Pamela R. Stegman

NOTARY PUBLIC

RECEIVED
STATE CORPORATION COMMISSION

MY COMMISSION EXPIRES: _____



AUG 12 1983

WICHITA DIVISION
Wichita, Kansas

FORM CP-4
REVISED 06-83

15-009-23187-00-00

DRILLERS' WELL LOG

BROUGHER OIL, INC.

RIEMAN #1: NE SE SW Sec.23-16S-12W
Barton County, Kansas

DATE COMMENCED: 7-12-83
DATE COMPLETED: 7-17-83

ELEVATION: 1931 DF; 1923 GL

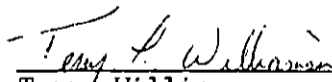
Surface Pipe: New 24# 8 5/8" Casing
set @473', cemented w/235 sacks 60/40
pozmix, 3% cc, cement did circulate.

0 - 473' Surface
473 - 811' Red Bed
811 - 838' Anhydrate
838 - 1260' Shale
1260 - 1525' Shale
1525 - 1880' Shale & Lime
1880 - 2017' Shale
2017 - 2065' Shale & Lime
2065 - 2365' Shale & Lime
2365 - 2700' Lime & Shale
2700 - 2885' Lime & Shale
2885 - 2974' Lime & Shale
2974 - 3060' Lime & Shale
3060 - 3175' Lime & Shale
3175 - 3260' Lime
3260 - 3349' Lime
3349 - 3400' Conglomerate
3400' RTD
D/A

A F F I D A V I T

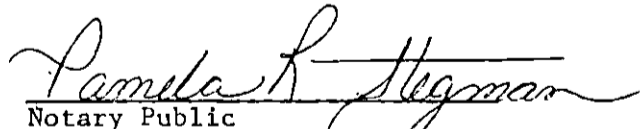
STATE OF KANSAS)
COUNTY OF BARTON) ss.

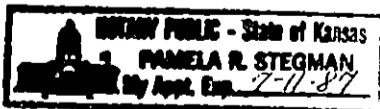
Terry Williamson of lawful age, does swear and state that
the facts and statements herein are true and correct to the best of his
knowledge.


Terry Williamson

Subscribed and Sworn to before me this 20th day of July, 1983.

My Commission Expires:
7-11-87


Notary Public
Pamela R. Stegman



RECEIVED
STATE CORPORATION COMMISSION

AUG 01 1983

CONSERVATION DIVISION
Wichita, Kansas