

OF KANSAS  
CORPORATION COMMISSION  
200 Colorado Derby Building  
Wichita, Kansas 67202

WELL PLUGGING RECORD  
K.A.R.-82-3-117

API NUMBER 15-163-22,863- *JS JS*

LEASE NAME Howat KCC  
~~HOWATT #4~~ *ZAP*

WELL NUMBER #4

TYPE OR PRINT  
NOTICE: Fill out completely  
and return to Cons. Div.  
office within 30 days.

1650 Ft. from S Section Line

1130 Ft. from E Section Line

SEC. 2 TWP. 9S RGE. 17 (E) or (W)

COUNTY ROOKS

Date Well Completed \_\_\_\_\_

Plugging Commenced 4-11-96

Plugging Completed 4/16/96

LEASE OPERATOR GRAHAM-MICHAELIS CORP.

ADDRESS P.O. BOX 247, Wichita, KS 67201

PHONE # (316) 264-8394 OPERATORS LICENSE NO. 5134

Character of Well OIL

(Oil, Gas, D&A, SWD, Input, Water Supply Well)

The plugging proposal was approved on April 11, 1996 (date)

by Hubert Deines gave permission to P&A without a State Rep on \_\_\_\_\_ location.  
(KCC District Agent's Name).

Is ACO-1 filed? YES If not, Is well log attached? \_\_\_\_\_

Producing Formation Toronto & Lansing Depth to Top \_\_\_\_\_ Bottom T.D. 3450'

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
	Surface			8-5/8"	258'	none
	Prod String			5-1/2"	3451'	none

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.

SEE BACK OF FORM

(If additional description is necessary, use BACK of this form.)

Name of Plugging Contractor Graham-Michaelis Corp. License No. 5133

Address P.O. Box 232

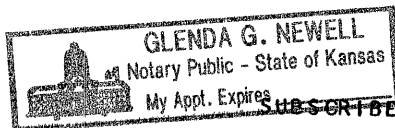
NAME OF PARTY RESPONSIBLE FOR PLUGGING FEES: Graham-Michaelis Corp.

STATE OF KANSAS COUNTY OF SEDGWICK, ss.

Jack L. Yinger

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.

(Address) Jack L. Yinger - Vice President



SUBSCRIBED AND SWORN TO before me this 26 day of April, 19 96.

Notary Public Glenda G. Newell

My Commission Expires: 7/2/97

HOWAT #4 plugged as follows:

- 2/29/96 Moved in Maiers WEll Service to lay out tubing & rods.
- 4/11/96 Moved in Allied Cement, contacted the KCC, Mr. Hubert Deines gave permission to plug without a State Rep on location.
- Mixed 15 sx 60/40 poz mix w/10% gel & pumped down the annulus, pressured up to 400 PSI
- Mixed 25 sx 60/40 poz mix w/10% gel & 400# of Hulls, 12 sx of gel spacer & 160 sx 60/40 poz w/10% gel down the 5-1/2" casing Pressured up to 100 PSI, Shut In with 50# PSI on casing.
- 4/15/96 Ran measuring line to find top of cement. Cement down 840'.
- 4/16/96 Moved in Allied Cementing to mix another 75 sx 60/40 poz mix w/10% gel to top off 5-1/2 casing. 5-1/2" casing prssured up to 500 PSI. State Rep. Mr. Marion Schmidt said OK. Shut In. Job Complete at 11:15 am.