

STATE OF KANSAS  
 STATE CORPORATION COMMISSION  
 20 Colorado Derby Building  
 Wichita, Kansas 67202

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

API NUMBER 15-163-21, 346-00-00

LEASE NAME Harbe

WELL NUMBER 1-36

         Ft. from S Section Line

         Ft. from E Section Line

SEC. 36 TWP. 8S RGE. 17W (E) or (W)

COUNTY Rooks

Date Well Completed         

Plugging Commenced 6-20-90

Plugging Completed 6-27-90

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

LEASE OPERATOR Graham-Michaelis Corporation

ADDRESS 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          (date)

by          (KCC District Agent's Name).

Is ACO-1 filled?          If not, is well log attached?         

Producing Formation          Depth to Top          Bottom          T.D. 3380'

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"	256'	none
				4 1/2"	3379'	3380'

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.  
Sanded bottom to 2990' dumped 4 sacks cement. Shot pipe @2600', 2400', 2200', 1803'. Plugged with 5 sacks hulls with 300 sacks cement @900# Max and Shut In @500#. 300 sacks 65/35 poz 8% gel, 5 sacks hulls.

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

Name of Plugging Contractor KELSO CASING PULLING, INC. License No. 6050

Address P.O. Box 347 Chase, KS. 67524

NAME OF PARTY RESPONSIBLE FOR PLUGGING FEES: Graham-Michaelis Corporation

STATE OF Kansas COUNTY OF Rice, ss.

R. Darrell Kelso (Employee of Operator) or (Operator) of

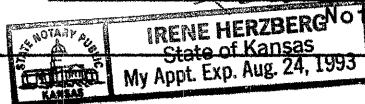
above-described well, being first duly sworn on oath, says: That I have knowledge of the facts, statements, and matters herein contained and the log of the above-described well as filed that the same are true and correct, so help me God.

(Signature) *R. Darrell Kelso*

(Address) P.O. Box 347 Chase, KS. 67524

SUBSCRIBED AND SWORN TO before me this 9 day of July, 19 90

My Commission Expires:         



**WELL COMPLETION REPORT AND DRILLER'S LOG**

API No. 15 — 163 — 21,346 — 00-00  
 County Number

S. 36 T. 8S R. 17W E  
 Loc. 2340' FSL 1020' FWL

Operator  
 Graham-Michaelis Corporation

Address  
 Box 247, Wichita, Kansas 67201

Well No. #1-36 Lease Name Hrabe

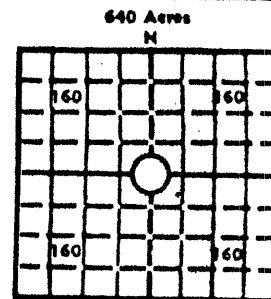
Footage Location  
 feet from (N) (S) line feet from (E) (W) line

Principal Contractor Revlin Drlg., Inc. Geologist Larry Bookless

Spud Date 7-9-81 Date Completed 7-18-81 Total Depth 3380' P.S.T.D.

Directional Deviation Oil and/or Gas Purchaser

County \_\_\_\_\_ Rocks \_\_\_\_\_



Elev.: Gr. \_\_\_\_\_  
 DF \_\_\_\_\_ KB 1914'

**CASING RECORD**

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

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#	256'	Quick Set	180	
Production	7 7/8	4 1/2	9.5#	3379'	Common	175	10% Salt 5% sx. Salt flt

**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

**INITIAL PRODUCTION**

Date of first production \_\_\_\_\_ Producing method (flowing, pumping, gas lift, etc.) \_\_\_\_\_

RATE OF PRODUCTION PER 24 HOURS  
 Oil \_\_\_\_\_ Gas \_\_\_\_\_ Water \_\_\_\_\_ Gas-oil ratio \_\_\_\_\_  
 bbls. MCF bbls. CFPB

Disposition of gas (vented, used on lease or sold) \_\_\_\_\_ Producing interval(s) \_\_\_\_\_

INSTRUCTIONS: As provided in KCC Rule 82-2-125, within 90 days after completion of a well, one completed copy of this Driller's Log shall be transmitted to the State Geological Survey of Kansas, 4150 Monroe Street, Wichita, Kansas 67209. Copies of this form are available from the Conservation Division, State Corporation Commission, 245 No. Water, Wichita, Kansas 67202. Phone AC 316-522-2206. If confidential custody is desired, please note Rule 82-2-125. Driller's Logs will be on open file in the Oil and Gas Division, State Geological Survey of Kansas, Lawrence, Kansas 66044.

Graham-Michael Corporation

DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.:

Well No. #1-36      Lease Name Hrabe      15-163-21344-00-020

36 T 8S R 17W<sub>W</sub>      2340' FSL      1020' FWL

**WELL LOG**

Show all important zones of permeability and contents thereof; cased 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
Shale	0	259		
Shale	259	1640		
Shale w/ Lime	1640	2845		
Lime	2845	3140		
Shale	3140	3175		
Lime	3175	3215		
Shale w/ Lime	3215	3260		
Lime	3260	3380	R.T.D.	

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

Date Received

*Paula J. Gibson*  
Signature

Bookkeeper

Title

July 20, 1981

Date

RECEIVED  
STATE DEPARTMENT  
MAY 22 1990  
5/22/90