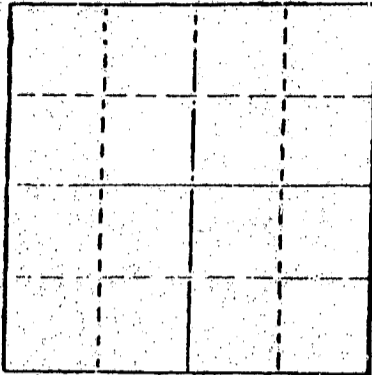


STATE OF KANSAS  
STATE CORPORATION COMMISSION

WELL PLUGGING RECORD

Give All Information Completely  
Make Required Affidavit  
Mail or Deliver Report to  
Conservation Division  
State Corporation Comm.  
245 North Water  
Wichita, KS 67202

Osborne County, Sec. 31 Twp. 9S Rge. 15W E/W  
Location as "NE/CNW $\frac{1}{4}$ SW $\frac{1}{4}$ " or footage from lines  
430' ENL 1550' FWL SW/4  
Lease Owner Graham-Michaelis Corporation  
Lease Name Hachmeister Well No. 1-31  
Office Address Box 247 Wichita, Kansas 67201  
Character of Well (Completed as Oil, Gas or Dry Hole)  
Dry Hole  
Date Well completed July 29 1981  
Application for plugging filed July 29 1981  
Application for plugging approved July 29 1981  
Plugging commenced July 29 12:20 pm 1981  
Plugging completed July 29 5:45 pm 1981  
Reason for abandonment of well or producing formation  
Dry Hole  
If a producing well is abandoned, date of last production 19



Locate well correctly on above  
Section Plot

Was permission obtained from the Conservation Division or  
its agents before plugging was commenced? yes  
Name of Conservation Agent who supervised plugging of this well Gilbert Toman  
Producing formation Depth to top Bottom Total Depth of Well 3640'  
Show depth and thickness of all water, oil and gas formations.

OIL, GAS OR WATER RECORDS

260' of 8 5/8

CASING RECORD

FORMATION	CONTENT	FROM	TO	SIZE	PUT IN	PULLED OUT

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 hold. If cement or other plugs were used, state the character of same and depth placed, from feet to feet for each plug set.

Filled hole to 800' with heavy mud and mixed 50 sacks of cement and pumped in hole thru drill pipe.

Filled hole to 310' with heavy mud and mixed 40 sacks of cement and pumped in hole thru drill pipe.

Filled hole to 40' built bridge pushed down plug and mixed 10 sacks of cement and filled hole to bottom of cellar; mixed 10 sacks and poured into the rat hole.

All cement used was 50-50 Poz Mix 4% Gel 3% CC

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

Name of Plugging Contractor Revlin Drlg., Inc.

STATE OF Kansas COUNTY OF Russell, ss.  
Stanley C. Lingreen (employee of owner) or (owner or operator)

of the 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 and that the same are true and correct. So help me God.



(Signature) Stanley C. Lingreen  
Box 293 Russell, Kansas 67665  
(Address)

SUBSCRIBED AND SWORN TO before me this 31st day of July, 1981

Paula J. Gibson  
Notary Public.

My commission expires November 10, 1984

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AUG - 3 1981  
08-03-1981  
CONSERVATION DIVISION  
Wichita, Kansas

KANSAS

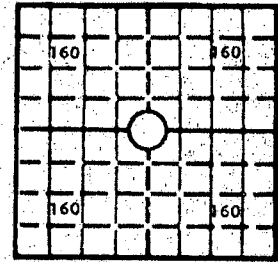
WELL COMPLETION REPORT AND DRILLER'S LOG

API No. 15 — 141 — 20,107-00-00  
County Number

S. 31 T. 9S R. 15W E  
Loc. 430' FNL 1550' FWL SW/4

County Osborne

640 Acres  
N



Elev.: Gr.

DF \_\_\_\_\_ KB 2015'

Operator  
Graham-Michaelis Corporation

Address  
Box 247 Wichita, Kansas 67201

Well No. #1-31 Lease Name Hachmeister

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

Principal Contractor Revlin Drlg., Inc. Geologist Larry Bookless

Spud Date 7-20-81 Date Completed 7-29-81 Total Depth 3640' P.B.T.D.

Directional Deviation Oil and/or Gas Purchaser

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	28#	260'	Quick Set	175	
Production	Dry Hole						

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval

Size	Setting depth	Packer set at

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated

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INITIAL PRODUCTION

AUG - 3 1981

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

RATE OF PRODUCTION PER 24 HOURS  
Oil \_\_\_\_\_ bbls. Gas \_\_\_\_\_ MCF Water \_\_\_\_\_ 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 Drillers 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. Drillers Logs will be on open file in the Oil and Gas Division, State Geological Survey of Kansas, Lawrence, Kansas 66044.

15-141-2007-00-00

Operator Graham-Micahelis Corporation		DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.:
Well No. #1-31	Lease Name Hachmeister	Dry Hole
S 31 T 9S R 15W <sup>E</sup> W 430' FNL 1550' FWL SW/4		

**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
Shale	0	1784	R.T.D.	
Shale & Native Mud	1784	2005		
Shale	2005	2465		
Shale w/ Lime	2465	3089		
Lime	3089	3640		

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AUG - 3 1981  
CONSERVATION DIVISION  
Wichita, Kansas

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

Date Received	<p><i>Paula J. Gibson</i> Signature</p> <p>Bookkeeper Revlin Drlg., Inc. Title</p> <p>July 31, 1981 Date</p>
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