

STATE OF KANSAS
 STATE CORPORATION COMMISSION
 200 Colorado Derby Bldg.
 Wichita, Kansas 67202

Form CP-4
 12-15-80
 RECEIVED
 STATE CORPORATION COMMISSION
 OCT 25 1982
 10-25-1982
 CONSERVATION DIVISION
 Wichita, Kansas

WELL PLUGGING RECORD

Give All Information Completely
 Make Required Affidavit

15-141-20116-00-00

COUNTY Osborne SEC. 31 TWP. 9s RGE. 15W E/W
 Location as in quarters or footage from lines:
 340' FSL & 1020' FWL of SW/4

Locate Well
 correctly on above
 Section Platt.

Lease Owner Graham-Michaelis Corporation
 Lease Name Hachmeister 2-31 Well No. _____
 Office Address P.O. Box 247 Wichita, Kansas 67202
 Character of Well (Completed as Oil, Gas or Dry Hole): _____
 Date Well Completed _____
 Application for plugging filed _____
 Plugging commenced 10-14-82
 Plugging completed 10-20-82
 Reason for abandonment of well or producing formation _____

Depleted _____
 Was permission obtained from the Conservation Division or it's
 Agent's before plugging was commenced? Yes

Name of Conservation Agent who supervised plugging of this well Dennis Hamel
 Producing formation _____ Depth to top _____ bottom T.D 3640'
 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"	254'	none
				4-1/2"	3639'	1708'

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.

~~Ran 5 sacks of cement on bottom, sanded at 3150' and ran 5 sacks cement on top of sand.
 Shot casing 4 times, shot loose @1715' and layed down a total of 41 joints of
 4-1/2" casing. Plugged well with 5 sacks hulls, 15 sacks gel and 165 sacks cement.
 Plugging Complete.~~

(If additional description is necessary, use BACK of this sheet)
 Name of Plugging Contractor Kelso Casing Pulling

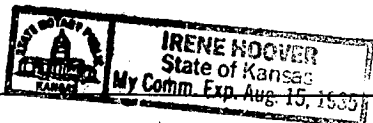
STATE OF Kansas COUNTY OF Rice, ss.
R. Darrell Kelso (employee of owner) or (owner or operator) of the
 above-described well, being first duly sworn on oath, says: That I have knowledge of the
 facts, statements, and matters herein contained and the log of the above-described well as
 filed and that the same are true and correct. So help me God.

(Signature) R. Darrell Kelso
Box 347 Chase Ks. 67524
 (Address)

SUBSCRIBED AND SWORN TO before me this 20th day of October, 19 82

Jeanne Hoover
 Notary Public.

My Commission expires:



KANSAS

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

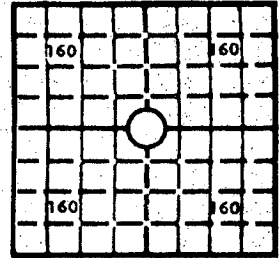
API No. 15 — 141 — 20,116-00-00
County Number

S. 31 T. 9 R. 15 E

Loc. 340' FSL & 1020' FWL

County Osborne

640 Acres
N



Locate well correctly

Elev.: Gr. _____

DF _____ KB 2017'

Operator
Graham-Michaelis Corporation

Address
Box 247 Wichita, Kansas 67201

Well No. #2-31 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 9-14-81 Date Completed 9-24-81 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#	254'	Common Quick	180	
Production	7 7/8	4 1/2	10.5#	3639'	Common	200	10% Salt 5 sx. salt flush

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

RECEIVED

JUN 21 1982

CONSERVATION DIVISION
Wichita, Kansas

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 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~~141-20116-00-00

Operator Graham-Michael Corporation		DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.:
Well No. #2-31	Lease Name Hachmeister	Oil
S 31 T 9 R 15 E W 340' FSL 1020' FWL		

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
Rock	0	70		
Shale	70	2607		
Shale w/ Lime	2607	2965		
Lime	2965	3050		
Shale & Lime	3050	3140		
Lime	3140	3150		
Shale w/ Lime	3150	3194		
Lime	3194	3276		
Shale w/ Lime	3276	3276		
Lime	3276	3465		
Lime & Shale	3465	3580		
Conglomerate	3580	3640	R.T.D.	

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

Date Received	Signature <i>Paula J. Gibson</i>
	Title Bookkeeper Revlin Drlg., Inc.
	Date September 24, 1981