

STATE CORPORATION COMMISSION OF KANSAS  
OIL & GAS CONSERVATION DIVISION

WELL COMPLETION OR RECOMPLETION FORM  
ACO-1 WELL HISTORY

DESCRIPTION OF WELL AND LEASE

Operator: License # 5134  
Name Graham-Michaelis Corporation  
Address P. O. Box 247  
City/State/Zip Wichita, Kansas 67201

Purchaser.....

Operator Contact Person Jack L. Yinger  
Phone 316-264-8394

Contractor: License # 5302  
Name Red Tiger Drilling Company

Wellsite Geologist Larry Bookless  
Phone (913) 793-8837

Designate Type of Completion

New Well  Re-Entry  Workover

Oil  SWD  Temp Abd  
 Gas  Inj  Delayed Comp.  
 Dry  Other (Core, Water Supply etc.)

If OWVO: old well info as follows:

Operator .....  
Well Name .....  
Comp. Date ..... Old Total Depth.....

WELL HISTORY

Drilling Method:

Mud Rotary  Air Rotary  Cable

10/17/85 10/25/85 10/25/85  
.....  
Spud Date Date Reached TD Completion Date  
3,491'  
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 299 feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set.....feet  
If alternate 2 completion, cement circulated  
from.....feet depth to.....w/.....SX cmt

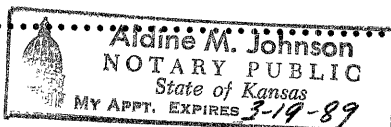
INSTRUCTIONS: This form shall be completed in duplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 90 days after completion or recompletion of any well. Rule 82-3-130 and 82-3-107 apply.  
Information on side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form. See rule 82-3-107 for confidentiality in excess of 12 months.  
One copy of all wireline logs and drillers time log shall be attached with this form. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature *Jack L. Yinger*  
Title Jack L. Yinger, Vice President Date 10/31/85

Subscribed and sworn to before me this 31st day of October 1985  
Notary Public *Aldine M. Johnson*

Date Commission Expires.....



API NO. 15-163-22,781-00-00  
County Rooks  
400' FNL;  
500' FWL NE/4 Sec. 12 Twp 10S Rge. 17W  East  West

4845 Ft North from Southeast Corner of Section  
2205 Ft West from Southeast Corner of Section  
(Note: Locate well in section plat below)

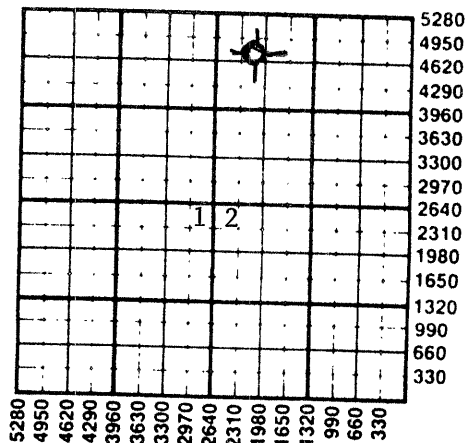
Lease Name Keas Well # 1-12

Field Name Wildcat

Producing Formation.....

Elevation: Ground 1975 KB 1980

Section Plat



WATER SUPPLY INFORMATION

Disposition of Produced Water:  Disposal  
Docket # N/A  Repressuring

Questions on this portion of the ACO-1 call:  
Water Resources Board (913) 296-3717

Source of Water:  
Division of Water Resources Permit #.....

Groundwater.....Ft North from Southeast Corner  
(Well) .....Ft West from Southeast Corner of  
Sec Twp Rge  East  West

Surface Water 300 Ft North from Southeast Corner  
(Stream pond etc) 2200 Ft West from Southeast Corner  
Sec 1 Twp 10S Rge 17  East  West

Ted Klim, Hays, Kansas 67601  
 Other (explain).....  
(purchased from city, R.W.D. #)

K.C.C. OFFICE USE ONLY  
F  Letter of Confidentiality Attached  
C  Wireline Log Received  
C  Drillers Time Log Received  
Distribution  
 KCC  SWD/Rep  NGPA  
 KGS  Plug  Other  
(Specify)

11-04-1985 Form ACO-1 (7-84)  
NOV 4 1985

Sec. 2 Twp 10 Rge 17 W

SIDE TWO

Operator Name Graham-Michaelis Corporation Lease Name Keas Well # 1-12

Sec. 12 Twp. 10S Rge. 17W  East  West County Rooks

WELL LOG

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface during test. Attach extra sheet if more space is needed. Attach copy of log.

Drill Stem Tests Taken <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No	Formation Description <input type="checkbox"/> Log <input type="checkbox"/> Sample  <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:60%;">Name</th> <th style="width:20%;">Top</th> <th style="width:20%;">Bottom</th> </tr> </thead> <tbody> <tr> <td>Heebner</td> <td>3098</td> <td>(-1117)</td> </tr> <tr> <td>Lansing</td> <td>3140</td> <td>(-1150)</td> </tr> <tr> <td>Arbuckle</td> <td>3459</td> <td>(-1478)</td> </tr> <tr> <td>LTD</td> <td>3490</td> <td>(-1509)</td> </tr> </tbody> </table>	Name	Top	Bottom	Heebner	3098	(-1117)	Lansing	3140	(-1150)	Arbuckle	3459	(-1478)	LTD	3490	(-1509)
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DST #1 3267-3360, 60-45-30-90, recovered 30' mud;  
 IF 70-70; FF 70-70;  
 ISI 1111; FSI 1089

CASING RECORD <input checked="" type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (in O.D.)	Weight Lbs/Ft.	Setting Depth	Type of Cement	#Sacks Used	Type and Percent Additives
Surface	12 1/4"	8 5/8"	23 1/2	306'	Common	180	2% Gel 3%CC
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
Shots Per Foot	Specify Footage of Each Interval Perforated			(Amount and Kind of Material Used)		Depth	
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No			
Date of First Production	Producing Method <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (explain).....						
Dry							
Estimated Production Per 24 Hours	Oil	Gas	Water	Gas-Oil Ratio	Gravity		
	Dry						
	Bbls	MCF	Bbls	CFPB			

METHOD OF COMPLETION Production Interval

Disposition of gas:  Vented  Open Hole  Perforation  
 Sold  Other (Specify) .....  
 Used on Lease  Dually Completed  
 Commingled