

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 Koch Oil Company

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

Contractor: License # 5302  
Name Red Tiger Drilling Company

Wellsite Geologist Larry Bookless  
Phone Great Bend, Kansas

Designate Type of Completion

New Well  Re-Entry  Workover

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

If OWWO: old well info as follows:

Operator  
Well Name  
Comp. Date Old Total Depth

WELL HISTORY

Drilling Method:

Mud Rotary  Air Rotary  Cable

9/12/85 9/21/85 10/14/85  
Spud Date Date Reached TD Completion Date

3,525' 3483'  
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 358 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 10/23/85

Subscribed and sworn to before me this 23rd day of October 1985  
Notary Public Aldine M. Johnson

Date Commission Expires

Aldine M. Johnson  
NOTARY PUBLIC  
State of Kansas  
MY APPT. EXPIRES 3-19-89

API NO. 15-141-20,220-00-00  
County Osborne  
SW/4 NE/4 SE/4 32 8S 15W  East  West

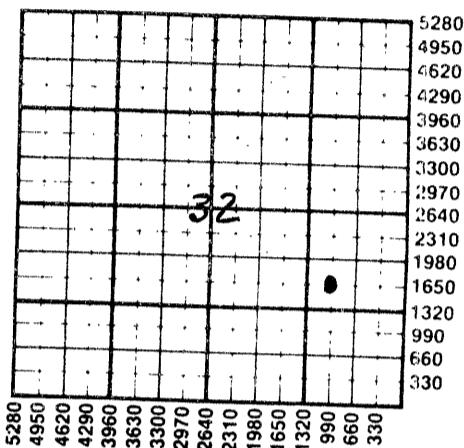
1650 Ft North from Southeast Corner of Section  
990 Ft West from Southeast Corner of Section  
(Note: Locate well in section plat below)

Lease Name Hofstetter Well # 2-32

Field Name Laton East

Producing Formation Topeka, Toronto, Lansing

Elevation: Ground 1992' 1998' KB  
Section Plat



WATER SUPPLY INFORMATION

Disposition of Produced Water:  Disposal  Repressuring  
Docket # C-69,109 C-9437

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 2400 Ft North from Southeast Corner (Stream, pond etc) 1200 Ft West from Southeast Corner Sec 5 Twp 9S Rge 15  East  West

Other (explain) Edwin Beinser, Alton, Ks. (purchased from city, R.W.D. #)

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

STATE CORPORATION COMMISSION  
Form ACO-1 (7-84)

OCT 31 1985 10/31/85

Sec 32 Twp. 8 Rge. 15W

SIDE TWO

Operator Name Graham-Michaelis Corporation Lease Name Hofstetter Well # 2-32

Sec. 32 Twp. 8S Rge. 15W  East  West County Osborne

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  Yes  No  
 Samples Sent to Geological Survey  Yes  No  
 Cores Taken  Yes  No

Formation Description  
 Log  Sample

DST #1 3138-3240, 60-45-60-90, recovered 100' slightly oil & gas cut mud, 60' oil cut mud; IFP 123-123; FFP 156-179; ISIP 736' FSIP 825.

DST #2 3314-3394, 60-60-30-90, recovered 30' gassy oil specked mud; IFP 78-78; FFP 100-100; ISIP 313, FSIP 437.

Name	Top	Bottom
Heebner	3138	(-1140)
Lansing	3183	(-1185)
Base Kansas City	3451	(-1453)
RTD	3525	(-1527)

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#	365'	Common	190	2% Gel 3% CC
Production	7 7/8"	4 1/2"	10.5#	3,524'	Common	200	10% Salt 5% Salt Flush
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)			
Shots Per Foot	Specify Footage of Each Interval Perforated					Depth	
	2938 - 3332' over-all (Topeka, Toronto, Lansing)			24,250 gallons acid over-all perforations			
TUBING RECORD		Size	Set At	Packer at	Liner Run	<input type="checkbox"/> Yes <input type="checkbox"/> No	
		2-3/8"	3446.54'				
Date of First Production		Producing Method					
October 14, 1985		<input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (explain).....					
Estimated Production Per 24 Hours		Oil	Gas	Water	Gas-Oil Ratio	Gravity	
25 BOPD + Water		Bbls	MCF	Bbls	CFPB		

METHOD OF COMPLETION

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

2938 - 3332' OA

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