

33-11-116 8/5/88 KCC MJC

SIDE ONE

RELEASED SEP 1 1988  
STATE CORPORATION COMMISSION OF KANSAS  
OIL & GAS CONSERVATION DIVISION  
Date: WELL COMPLETION OR RECOMPLETION FORM  
FROM CONFIDENTIAL HISTORY

DESCRIPTION OF WELL AND LEASE

Operator: License # 5825  
Name: Glacier Drilling Company, Inc.  
Address: P.O. Box 1509  
City/State/Zip: Emporia, Kansas 66801

Purchaser:

Operator Contact Person: Loren D. Martin  
Phone: 316-343-2742

Contractor: License # 5825  
Name: Glacier Drilling Company, Inc.

Wellsite Geologist: Jim Montgomery  
Phone: 405-721-9766

Designate Type of Completion  
 New Well  Re-Entry  Workover  
 Oil  Gas  Dry PLUGGED  
 SWD  Inj  Other (Core, Water Supply etc.)  
Temp Abd  Delayed Comp.

If OWNO: old well info as follows:  
Operator  
Well Name  
Comp. Date  
Old Total Depth

WELL HISTORY

Drilling Method:  Mud Rotary  Air Rotary  Cable  
7-16-87 Spud Date      7-23-87 Date Reached TD      7-23-87 Completion Date  
3,240' Total Depth      3,250' PBSD  
Amount of Surface Pipe Set and Cemented at 302 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

API NO. 15-197-20,212  
County: Wabaunsee  
SW SW NW Sec. 33 Twp 11S Rge. 11  East  West

2970 Ft North from Southeast Corner of Section  
5050 Ft West from Southeast Corner of Section  
(Note: Locate well in section plat below)

Lease Name: Michaelis Well #: 1

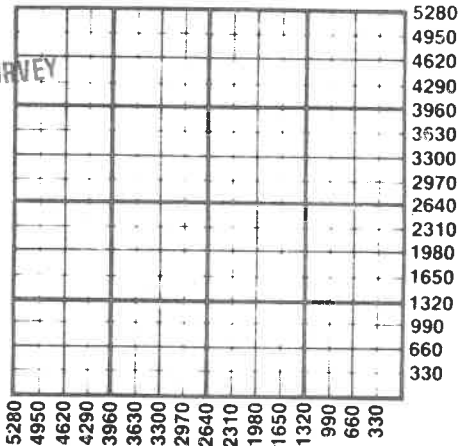
Field Name:

Producing Formation:

Elevation: Ground 1,010' KB 1015  
Section Plat

KANSAS GEOLOGICAL SURVEY WICHITA BRANCH

SEP 23 1988



WATER SUPPLY INFORMATION

Disposition of Produced Water:  Disposal  Repressuring  
Docket #

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 Sec Twp Rge  East  West  
 Surface Water.....Ft North from Southeast Corner (Stream, pond etc).....Ft West from Southeast Corner Sec Twp Rge  East  West  
 Other (explain) water purchased from landowner (purchased from city, R.W.D. #)

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: [Signature]  
Title: [Signature] Date: 7-29-87  
Subscribed and sworn to before me this 29th day of July 1987.  
Notary Public: [Signature]  
Date Commission Expires: [Signature]

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

KANSAS GEOLOGICAL SURVEY WICHITA BRANCH AUG 14 1987

SANDRA HELBERT State of Kansas My Appt. Exp. 11/29/90

AUG 5 1987

Sec. 33, Twp. 11, Rge. 11 E

311-11-22

458417

SIDE TWO

Operator Name Glacier Drilling Company, Inc. Lease Name Michaelis Well # 1

Sec. 33 Twp. 11S Rge. 11  East  West County Wabaunsee

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

Name	Top	Bottom
Soil	0	15
Soil & sand	15	49
Lime	49	75
Shale w/lime	75	1207
Lansing/KC	1207	1523
Base of K.C.	1523	1526
Shale w/lime	1526	2159
Mississippi	2159	2373
Kinderhook	2373	2607
Hunton	2607	2966
Viola	2966	3190
Arbuckle	3190	3240 RTD

<p align="center"><b>CASING RECORD</b> <input type="checkbox"/> New <input type="checkbox"/> Used</p> <p align="center">Report all strings set-conductor, surface, intermediate, production, etc.</p>							
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"		302'		208	3% cc
<b>PERFORATION RECORD</b>				<b>Acid, Fracture, Shot, Cement Squeeze Record</b>			
Shots Per Foot	Specify Footage of Each Interval Perforated			Amount and Kind of Material Used			Depth
<b>TUBING RECORD</b>				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).....						
Estimated Production Per 24 Hours	Oil	Gas	Water	Gas-Oil Ratio	Gravity		
	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

