

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 # 5011  
Name Viking Resources  
Address 120 S. Market, Suite 518  
Wichita, KS 67202-3819  
City/State/Zip

Purchaser None

Operator Contact Person Jim Devlin  
Phone (316) 262-2502

Contractor: License # 4958  
Name Mallard JV, Inc.

Wellsite Geologist Arden Ratzlaff  
Phone

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

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

WELL HISTORY

Drilling Method:  
 Mud Rotary  Air Rotary  Cable

11/20/87 11/29/87 11-29-87  
Spud Date Date Reached TD Completion Date  
4364  
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 233 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  
Cement Company Name  
Invoice #

AIT II D+A

API NO. 15-135-23,173-00-00

County Ness

SE.. NW.. SW Sec. 16. Twp. 19 Rge. 21. X East West

1650 Ft North from Southeast Corner of Section  
4290 Ft West from Southeast Corner of Section  
(Note: Locate well in section plat below)

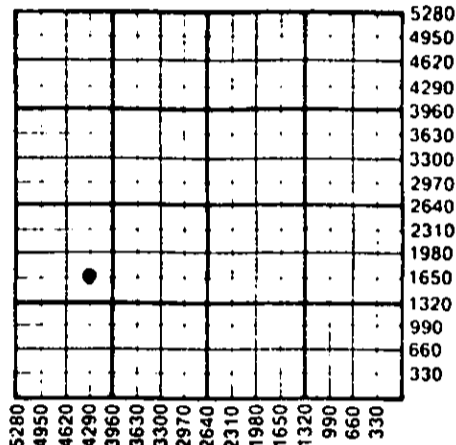
Lease Name Wilhelm Well # 1

Field Name

Producing Formation

Elevation: Ground 2227 KB 2235

Section Plat



WATER SUPPLY INFORMATION

Disposition of Produced Water: Disposal  
Docket # 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 Ft North from Southeast Corner  
(Stream, pond etc) Ft West from Southeast Corner  
Sec Twp Rge East West

Other (explain)  
(purchased from city, R.W.D. #)

INSTRUCTIONS: This form shall be completed in triplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date of any well. Rule 82-3-130, 82-3-107 and 82-3-106 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 James B. Devlin

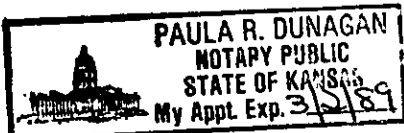
Title Operator - Partner Date 22 March 1988

Subscribed and sworn to before me this 22 day of March 1988.

Notary Public Paula R. Dunagan

Date Commission Expires 2 March 1989

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)  
03-28-1988  
3-28-88  
Form ACO-1 (5-86)



Sec. 14 Twp. 19 Rge. 21 W

SIDE TWO

Operator Name Viking Resources Lease Name Wilhelm Well # 1

Sec. 16 Twp. 19 Rge. 21  East  West County Ness

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, 4218-4260, 30-30-60-60, Rec. 3' Oil, 42' Oil Cut Mud, BHP: 185/633, FP: 65/65 76/76, HP: 2181/2105, BHT: 111°  
 DST #2, 4258-4354, 30-30-30-30, Rec. 100' Oil Spotted Mud, BHP: 305/240, FP: 109/109 120/120, HP: 2278/2224, BHT: 114°  
 DST #3, 4258-4364, 30-30-60-60, Rec. 4' Oil, 296' Oil Cut Mud, BHP: 1049/1136, FP: 152/152, 185/229 HP: 2364/2342, BHT: 114°

Name	Top	Bottom
Anhydrite		1435 (+800)
Heebner		3704 (-1469)
Lansing		3748 (-1513)
BKC		4082 (-1847)
Ft. Scott		4244 (-2009)
Cherokee		4258 (-2023)
Mississippian		4337 (-2102)
Mississippian Osage		4353 (-2118)
LTD		4362 (-2127)
RTD		4364 (-2129)

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	20	233	60/40 poz	140	2% gel, 3% cc
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)			
Shots Per Foot	Specify Footage of Each Interval Perforated					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).....						
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 .....

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Cement Company Name  
Invoice #

API NO. 15-135-23173-00-00  
County Ness  
SE..NW..SW Sec. 16. Twp. 19 Rge. 21.  East West

1650..... Ft North from Southeast Corner of Section  
4290..... Ft West from Southeast Corner of Section  
(Note: Locate well in section plot below)

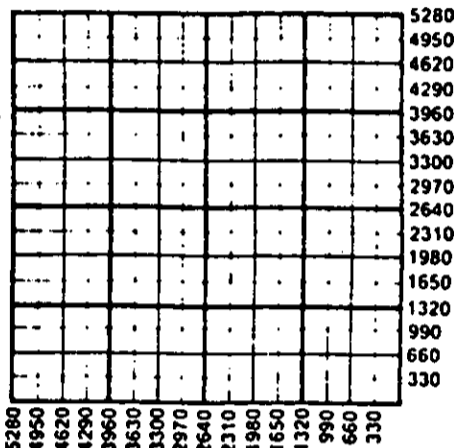
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Field Name

Producing Formation

Elevation: Ground 2227 KB 2235

Section Plat



WATER SUPPLY INFORMATION

Disposition of Produced Water:  Disposal  
Docket #  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.....Ft North from Southeast Corner (Stream, pond etc).....Ft West from Southeast Corner Sec Twp Rge East West

Other (explain).....  
(purchased from city, R.W.D. #)

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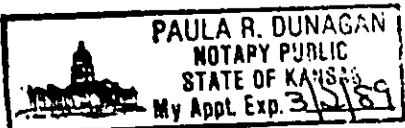
Signature James B. Devlin

Title Operator - Partner Date 22 March 1988

Subscribed and sworn to before me this 22 day of March 1988.

Notary Public Paula R. Dunagan

Date Commission Expires 2 March 1989



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)

\* Amended

15-135-23173-00-00

Operator Name Viking Resources Lease Name Wilhelm Well # 1

Sec. 16 Twp. 19 Rge. 21 East West County Ness

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 [X] Yes [ ] No
Samples Sent to Geological Survey [ ] Yes [ ] No
Cores Taken [ ] Yes [X] No

Formation Description [X] Log [ ] Sample

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Table with 3 columns: Name, Top, Bottom. Rows include Anhydrite, Heebner, Lansing, BKC, Ft. Scott, Cherokee, Mississippian, Mississippian Osage, LTD, RTD.

This well was temporarily completed to test it. Plugged and Abandoned

CASING RECORD, PERFORATION RECORD, TUBING RECORD, Date of First Production, Producing Method, Estimated Production Per 24 Hours

METHOD OF COMPLETION

Disposition of gas: [ ] Vented [ ] Sold [ ] Used on Lease [ ] Open Hole [ ] Perforation [ ] Other (Specify) [ ] Dually Completed [ ] Coningled