

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 Koch Oil Company  
Wichita, KS

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

Contractor: License # 5480  
Name White and Ellis Drilling, Inc.

Wellsite Geologist Jim Maloney  
Phone (316) 262-2502

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

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

WELL HISTORY

Drilling Method:  
 Mud Rotary  Air Rotary  Cable

5-21-87 5-28-87 6-5-87  
Spud Date Date Reached TD Completion Date

4665 4665  
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 293 feet  
Multiple Stage Cementing Collar Used? Yes  No  
If yes, show depth set feet  
If alternate 2 completion, cement circulated from 4659 feet depth to surface 510sx cmt  
Cement Company Name Allied  
Invoice # 48810

API NO. 15-083-21,279-0000

County Hodgeman

NE SW SW Sec. 9 Twp. 24 Rge. 22 East  
West

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

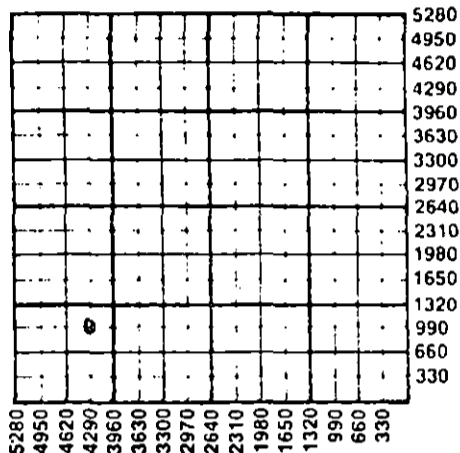
Lease Name Hall Well # 6

Field Name Mellecker No

Producing Formation Mississippian

Elevation: Ground 2329 KB 2334

Section Plat



WATER SUPPLY INFORMATION

Disposition of Produced Water:  Disposal  
Docket # D-22,306  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) Charles Fagen, RR 1, Box 44A,  
(purchased from city, R.W.D. #)  
Spearville, KS

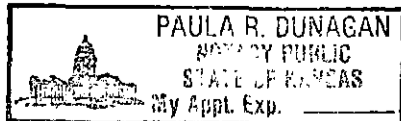
INSTRUCTIONS: This form shall be completed in triplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date of any well. Rule 82-3-130, 82-3-107 and 82-3-106 apply. Information on side two of this form will be held confidential 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 James B. Devlin Date 29 June 1987

Subscribed and sworn to before me this 29th day of June 1987  
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  
RECEIVED (Specify)  
STATE CORPORATION COMMISSION  
JUL 1 1987

Form ACO-1 (5-86)  
CONSERVATION DIVISION  
Wichita, Kansas

7-1-87

Sec 7, Twp. 24 Rge. 22

Operator Name ..... Viking Resources ..... Lease Name ..... Hall ..... Well # ..... 6 .....

Sec. .... 9 ..... Twp. .... 24 ..... Rge. .... 22 .....  East  West County ..... Hodgeman .....

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	Formation Description <input type="checkbox"/> Log <input checked="" type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	
Cores Taken	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	

DST #1, 4611-4665, 30-30-60-60, Rec. 160' Gas In Pipe, 130' Oil, 300' Gassy Slightly Oil Cut Mud, BHP: 1036/1046 FP: 80/101 152/202	Name	Top	Bottom
	Anhydrite	1456 (+875)	
	B. Anhydrite	1495 (+836)	
	Heebner	3930 (-1599)	
	Ft. Scott	4559 (-2228)	
	Mississippian Dolo. RTD	4659 (-2328) 4665 (-2334)	

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#	294	60/40 poz	165	2% gel, 3% cc
..... Production .....	7-7/8	5 1/2	15.5#	4659	Econolite	260	.....
.....	.....	.....	.....	.....	60/40 poz	150	10% Nacl
.....	.....	.....	.....	.....	Econolite	100	.....
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
Shots Per Foot	Specify Footage of Each Interval Perforated			(Amount and Kind of Material Used)		Depth	
.....	Open Hole 4659 -4665			100 gal 15% INS		.....	
.....	.....			250 gal 28% NE		.....	
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Size	Set At	Packer at					
2-7/8	4013	None					
Date of First Production	Producing Method						
6-8-87	<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	
	40 Bbls	0 MCF	200 Bbls	CFPB		36	

METHOD OF COMPLETION Production Interval

Disposition of gas:  Vented  Open Hole  Perforation  
 Sold  Other (Specify) ..... 4659-4665 .....  
 Used on Lease  Dually Completed .....  
 Commingled