

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 217 E. William
Wichita, KS 67202-4005
City/State/Zip

Purchaser Koch Oil Company
Wichita, KS

Operator Contact Person Jim Devlin
Phone 316-262-2502

Contractor: License # 5420
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 CWNO: old well info as follows:
Operator
Well Name
Comp. Date
Old Total Depth

WELL HISTORY

Drilling Method:
 Mud Rotary Air Rotary Cable
1-11-86 1-19-86 1-30-86
Spud Date Date Reached TD Completion Date
4672
Total Depth PBDT

Amount of Surface Pipe Set and Cemented at 429 feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set
If alternate 2 completion, cement circulated from...feet depth to...w/...SX cmt
Cement Company Name
Invoice #

API No. 15-083-21,232-0000
County Hodgeman
SE. SE. SW. Sec. 9. Twp. 24. Rge. 22. East
 West

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

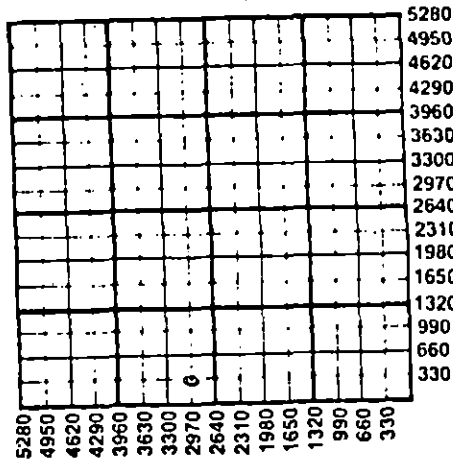
Lease Name Hall Well # 5

Field Name Mellecker, North

Producing Formation Mississippian

Elevation: Ground 2343 KB 2348

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 4620 Ft North from Southeast Corner (Stream, pond etc) 2640 Ft West from Southeast Corner Sec 7 Twp 24 Rge 22 East West

Other (explain) (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 James B. Devlin

Title Partner - Operator Date 2-19-86

Subscribed and sworn to before me this 19th day of February 1986

Notary Public Paula R. Dunagan

Date Commission Expires March 2, 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)

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

FEB 20 1986

CONSERVATION DIVISION
Wichita, Kansas



Operator Name **Viking Resources** Lease Name **Hall** Well # **5**

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

Formation Description
 Log Sample

DST #1, 4618-4672, 30-30-30-60, Rec. 910' Clean Gassy Oil (37 gravity), 300' Heavy Mud and Gas Cut Oil, 180' Slightly Mud Cut Oil, 970' Gas in pipe, BHP: 1081/1103#, FP: 161/377# 441/559# HP: 2442/2420#, BHT: 116°

Name	Top	Bottom
Anhydrite	1468 (+880)	
Heebner	3947 (-1599)	
Brown Lime	4032 (-1684)	
LKC	4044 (-1696)	
BKC	4416 (-2068)	
Ft. Scott	4571 (-2223)	
Miss Reworked	4662 (-2314)	
Miss Porosity	4669 (-2321)	
RTD	4672 (-2324)	

CASING RECORD New 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	7-7/8	8-5/8	23	429	60/40 noz	235	2% gal. 3% cr.
Production	12	5-7/8	15.5	4669	60/40 noz	125	10 bbls. mud flush, 1/10th-1% FRA

Shots Per Foot	Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
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TUBING RECORD Size 2-7/8 Set At 4645 Packer at Liner Run Yes No

Date of First Production 1-30-86 Producing Method Flowing Pumping Gas Lift Other (explain).....

Estimated Production Per 24 Hours	Oil	Gas	Water	Gas-Oil Ratio	Gravity
80 Bbls	MCF	5 Bbls	CFPB		

METHOD OF COMPLETION Production Interval

Disposition of gas: Vented Open Hole Perforation
 Sold Other (Specify) 4669-4673
 Used on Lease Dually Completed Commingled

