

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

Operator Contact Person Jim Devlin
Phone 316-262-2502

Contractor: license # 6033
name Murfin Drilling

Wellsite Geologist James 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 OWWO: old well info as follows:

Operator
Well Name
Comp. Date Old Total Depth

WELL HISTORY

Drilling Method: Mud Rotary Air Rotary Cable

9-6-84 9-11-84 9-11-84
Spud Date Date Reached TD Completion Date

4190
Total Depth PBDT

Amount of Surface Pipe Set and Cemented at 252.88 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 - 153-20,566 -00-00

County Rawlins

440' FSL, 440' FWL Sec. 4 Twp. 1S. Rge. 33 West
(location)

440' Ft North from Southeast Corner of Section
2200' Ft West from Southeast Corner of Section
(Note: locate well in section plat below)

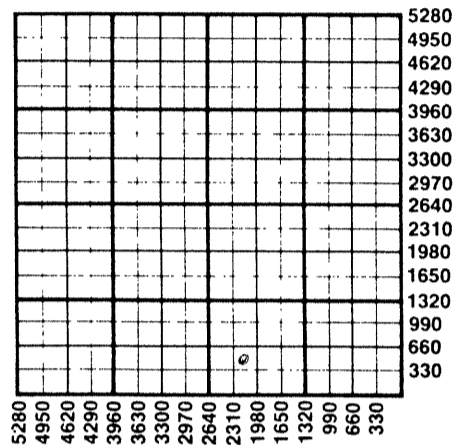
Lease Name VAP Well# 5

Field Name Horinek

Producing Formation None

Elevation: Ground 2955 KB 2960

Section Plat



WATER SUPPLY INFORMATION

Source of Water:

Division of Water Resources Permit #

Groundwater Ft North From Southeast Corner and
(Well) Ft. West From Southeast Corner of
Sec Twp Rge East West

Surface Water Ft North From Southeast Corner and
(Stream, Pond etc.) Ft West From Southeast Corner
Sec Twp Rge East West

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

Disposition of Produced Water: Disposal Repressuring

Docket #

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. Rules 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. 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-10 form with all temporarily abandoned wells.

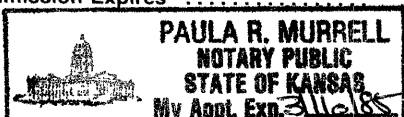
All requirements of the statutes, rules, and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature James B. Devlin

Title James B. Devlin - Partner Date 17 Sept 1984

Subscribed and sworn to before me this 17th day of September 19 84

Notary Public Paula R. Murrell
Date Commission Expires 16 March 1985



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)

Form ACO-1
(This form supercedes previous forms ACO-1 & C-10)

RECEIVED
SEP 18 1984

9-18-84

gnd

Sec 4 Twp 1 S Rge 33 W

Operator Name **Viking Resources** Lease Name **Vap** Well# **5** SEC **4** TWP. **1s** RGE. **33** East West

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

Lansing-Kansas City 50' zone 3965-3970 - Dense crystalline lime, poor scattered stain

Lansing-Kansas City 90' zone 4005-4010 - Brown medium crystalline lime, poor to good crystalline to vugular porosity, good saturated stain.

Lansing-Kansas City 140' zone 4060-4070 - Very chalky, grey oolitic lime, fair oolitic porosity, good saturated stain

Lansing-Kansas City 180' zone 4115-4120 - White to light grey fossiliferous lime, poor to fair fossiliferous porosity, poor spotted stain.

DST #1-3976-4079, 30-30-60-60, Weak blow-slight building first open, Weak blow second open, Recovered 75' Oil Specked Mud, IHP: 2118, FHP: 2097, BHP: 1069, FBHP: 1069, IFP: 84/84 FFP: 84/84, BHT: 121°

DST #2-4073-4130, 30-30-30-30, Weak blow first open, Weak blow died 8 minutes into second open, Recovered 30' Oil Specked Mud, IHP: 2150, FHP: 2118, BHP: 921, FBHP: 762, IFP: 63/63, FFP: 74/74, BHT: 123°

Name	Top	Bottom
Anhydrite	2830 (+130)	
Base Anhydrite	2864 (+96)	
Oread	3833 (-873)	
Lansing-Kansas City	3911 (-951)	
BKC	4188 (-1228)	
RTD	4190 (-1230)	

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	260	60/40 Poz.	185	3% CC
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
shots per foot	specify footage of each interval perforated			(amount and kind of material used)			Depth
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No			
size	set at	packer at					
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			

Disposition of gas: vented sold used on lease

METHOD OF COMPLETION open hole perforation other (specify)

PRODUCTION INTERVAL Dually Completed. Commingled