

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 Jim Maloney  
Phone 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  
6-8-84 6-13-84 6-27-84  
Spud Date Date Reached TD Completion Date  
4210 4167  
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 266 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 - 153-20,556 -00-00

County Rawlins

SE NE SW (location) Sec 4 Twp 1s Rge 33  East  West

1650 Ft North from Southeast Corner of Section  
2970 Ft West from Southeast Corner of Section  
(Note: locate well in section plat below)

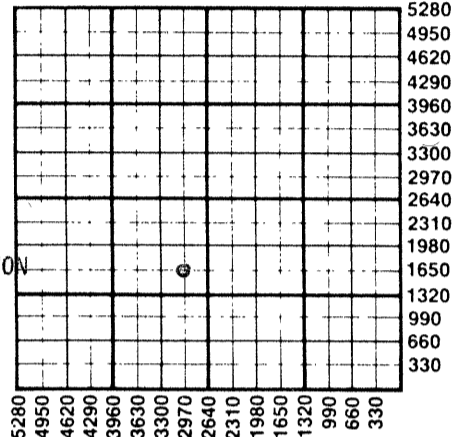
Lease Name Horinek "A" Well# 1

Field Name Horinek West Est.

Producing Formation Lansing-Kansas City

Elevation: Ground 2991 KB 2996

Section Plat



RECEIVED  
STATE CORPORATION COMMISSION

JUL 10 1984

CONSERVATION DIVISION  
Wichita, Kansas

7-10-84

WATER SUPPLY INFORMATION

Source of Water:  
Division of Water Resources Permit #  
 Groundwater Ft North From Southeast Corner and 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) purchased from City of Atwood (purchased from city, R.W.D.#)

Disposition of Produced Water:  Disposal  Repressuring  
Docket # C-18499

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. 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 - Partner Date 7-9-84

Subscribed and sworn to before me this 9 day of July 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)

Sec. 4 Twp. 1s Rge. 33w

Operator Name **Viking Resources** Lease Name **Horinek "A"** Well# **1** 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

	Name	Top	Bottom
DST #1 - 3929-4080, 30-30-60-60, Rec. 278' Mud with oil spots on tool, BHP: 1101/1154, FP: 105/105 137/137 BHT: 118°	Anhydrite	2830	(+166)
	B. Anhydrite	2866	(+130)
	Oread	3828	(-832)
	LKC	3906	(-910)
DST #2 4068-4135, 30-45-90-60, Rec. 160' Gas In Pipe, 60' Oil, 40' Heavy Oil Cut Mud, BHP: 434/423, FP: 52/52 63/74 BHT: 124°	BKC	4176	(-1180)
	RTD	4210	(-1214)
	LTD	4196	(-1200)

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#	266	60/40 Poz	175	2% Gel, 3% C.C.
Production	7-7/8	4 1/2	10.5#	4208	60/40 Poz	175	20 bbl salt flush. 1.0% Salt

PERFORATION RECORD		Acid, Fracture, Shot, Cement Squeeze Record	
shots per foot	specify footage of each interval perforated	(amount and kind of material used)	Depth
4	4102-4107	8000 Gallons 15% SGA	

TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No	
size 2-3/8"	set at 4100	packer at None			
Date of First Production	Producing method <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
	50 Bbls	None MCF	None Bbls	CFPB	

**METHOD OF COMPLETION**  open hole  perforation  other (specify) \_\_\_\_\_

**PRODUCTION INTERVAL** 4102-4107

Disposition of gas:  vented  sold  used on lease

Dually Completed.  Commingled

