

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 # 6968  
name Pfeifer Well Service, Inc.

Wellsite Geologist  
Phone

Designate Type of Completion  
 New Well  Re-Entry  Workover

Oil  SWD  Temp Abd  
 Gas  Inj  Delayed Comp.  
 Dry  Other (Core, Water Supply etc.)

OWWO: old well info as follows:  
Operator Hummon Corporation  
Well Name Grunert #2  
Comp. Date 2-18-80 Old Total Depth 3602

WELL HISTORY

Drilling Method:  Mud Rotary  Air Rotary  Cable  
2-11-85 2-20-85 2-25-85  
Spud Date Date Reached TD Completion Date

1675 1675  
Total Depth PBSD

Amount of Surface Pipe Set and Cemented at 283 feet

Multiple Stage Cementing Collar Used?  Yes  No

If Yes, Show Depth Set feet

alternate 2 completion, cement circulated  
from 1733 feet depth to Surface w/ 325 SX cmt

API NO. 15 - 137-20,165-A-00-02  
County Norton  
150' N of C  
SE SE (location) Sec 32 Twp 2 Rge 23  East  West

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

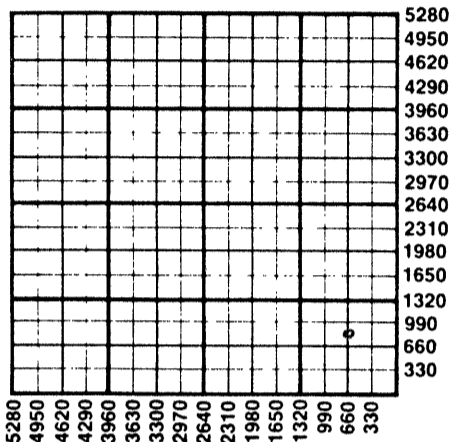
Lease Name Grunert Well# 2

Field Name Hen NW

Producing Formation SWDW

Elevation: Ground 2301 KB 2306

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

Disposition of Produced Water:  Disposal  Repressuring  
Docket #  
RECEIVED  
STATE CORPORATION COMMISSION  
07-11-85  
JUL 11 1985

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 or 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 8/5/85

Subscribed and sworn to before me this 8th day of July, 1985

Notary Public PAULA R. DUNAGAN  
Notary Public  
State Commission Expires March 1985  
My Appt. Exp.

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. 32 Twp. 2 Rge. 23

Operator Name **Viking Resources** Lease Name **Grunert** Well# **2** SEC **32** TWP **2** RGE **23**  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

OWWO of Hummon Grunert SWDW  
 8-5/8" @ 283' with 180 sks  
 4 1/2" @ 1733 with 325 sks  
 100 sks pumped down 4 1/2" when plugged in 1982  
 drilled out cement to 1675,  
 perf 1 shot/ft 1550 to 1620 (Cedar Hills)  
 Took 70 barrels water per hour on vacuum  
 Set 2-3/8" tubing on packer @ 1540'  
 Took MIT to 300#

Name Top Bottom

CASING RECORD <input 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 Production				283 1733		180 325	
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
shots per foot	specify footage of each interval perforated			(amount and kind of material used)			Depth
1	1550-1620			None			
TUBING RECORD							
size 2-3/8		set at 1540		packer at 1540		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 None	Gas None	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) .....  
 Dually Completed.  
 Commingled

**PRODUCTION INTERVAL**

