

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 # 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.)

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

WELL HISTORY

Drilling Method: Mud Rotary Air Rotary Cable
5-11-85 5-17-85 5-17-85
Spud Date Date Reached TD Completion Date

4090
Total Depth PBD

Amount of Surface Pipe Set and Cemented at .291' @ .296 feet

Multiple Stage Cementing Collar Used? Yes No

If Yes, Show Depth Set feet

Alternate 2 completion, cement circulated
from feet depth to w/ SX cmt

API NO. 15 - 179-20,810-0000

County Sheridan

SE SE NE Sec 12 Twp 9 Rge 28 East West

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

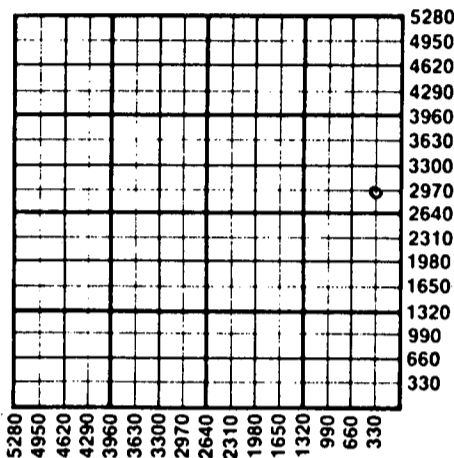
Lease Name Yowell Well# 4

Field Name

Producing Formation

Elevation: Ground 2690 KB 2695

Section Plat



WATER SUPPLY INFORMATION

Source of Water:
Division of Water Resources Permit #

Groundwater 2310 Ft North From Southeast Corner and
(Well) 3630 Ft West From Southeast Corner of
Sec 12 Twp 9 Rge 28 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 #

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.

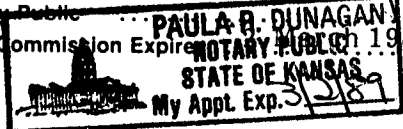
Signature James B. Devlin
Title James B. Devlin - Partner
Date 6-4-85 JUN 04 1985

Subscribed and sworn to before me this 30th day of MAY 19 85

Notary Public Paula R. Dunagan
State Commission Expires 1985
Date 30 May 1985

RECEIVED
STATE CORPORATION COMMISSION
CONSERVATION DIVISION
Wichita, Kansas 67202

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)



Sec. 12 Twp. 9 Rge. 28 E

Operator Name **Viking Resources** Lease Name **Yowell** Well# **4 SEC 12 TWP 9 RGE 28** 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

DST #1 - 3976-4025 - 30-30-60-60, Rec. 180' Gas in pipe, 60' Gassy Heavy Oil Cut Mud, 120' Gassy Oil Cut Mud, BHP: 746/846, FP; 40/50, 70/80

Name	Top	Bottom
Anhydrite	2313 (+382)	
Base Anhydrite	2346 (+349)	
Heebner	3797 (-1102)	
Toronto	3818 (-1123)	
LKC	3834 (-1139)	
BKC	4057 (-1362)	
LTD	4082 (-1387)	
RTD	4090 (-1395)	

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	296	60/40 poz	190	2% Gel, 3% cc.
Production	7-7/8	4 1/2	9 1/2	4089	Thixotropic	150	

PERFORATION RECORD		Acid, Fracture, Shot, Cement Squeeze Record	
shots per foot	specify footage of each interval perforated	(amount and kind of material used)	Depth
3	4005-4010	15% INS. 500 gallons 300# BEnzoic Acid flakes 1,000 gallons 15% NE	4005-4010

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)				
	Oil	Gas	Water	Gas-Oil Ratio	Gravity
Estimated Production Per 24 Hours	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