

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 120 S. Market, Suite 518  
Wichita, KS 67202-3819  
City/State/Zip

Purchaser N/A

Operator Contact Person Jim Devlin  
Phone (316) 262-2502

Contractor: License # 4958  
Name Mallard JV, Inc.

Wellsite Geologist Jim Devlin  
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 Vannocker & Ropfogel  
Well Name Shaw #1  
Comp. Date 7-19-69 Old Total Depth 4099

WELL HISTORY

Drilling Method:  
 Mud Rotary  Air Rotary  Cable  
7-6-87 7-8-87 7-8-87  
Spud Date Date Reached TD Completion Date  
4099  
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 209 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  
Cement Company Name  
Invoice #

API NO. 15-179-20,219-100-01  
County Sheridan  
NW SE Sec 33 Twp 8 Rge 28  East West

1980 Ft North from Southeast Corner of Section  
1980 Ft West from Southeast Corner of Section  
(Note: Locate well in section plat below)

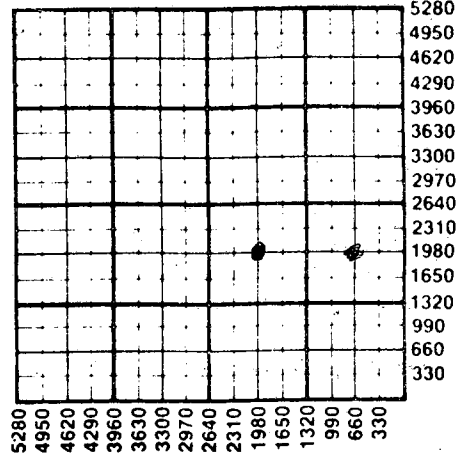
Lease Name Shaw Well # 1

Field Name

Producing Formation

Elevation: Ground 2715 KB 2723

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 Ft North from Southeast Corner (Stream, pond etc) Ft West from Southeast Corner Sec Twp Rge East West  
Other (explain) (purchased from city, R.W.D. #)

INSTRUCTIONS: This form shall be completed in triplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date of any well. Rule 82-3-130, 82-3-107 and 82-3-106 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 Thomas G. Wersel

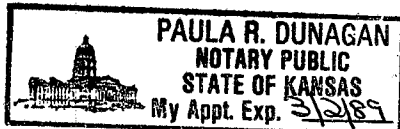
Title Partner/Operator Date 8-6-87

Subscribed and sworn to before me this 6th day of August 1987

Notary Public Paula R. Dunagan

Date Commission Expires 2 March 1987

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  
STATE CORPORATION COMMISSION (Specify)



8-18-87

Sec. 33 Twp. 8 Rge. 28

**SIDE TWO**

Operator Name Viking Resources Lease Name Shaw Well # 1

Sec. 33 Twp. 8 Rge. 28  East  West County Sheridan

**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 3949-4103, 30-30-90-60, Rec. 585' GIP, 155' SOCWM, 125' SOCMW, BHP: 1387/1375, FP: 87/114 141/210

DST #2, 3799-3838, 30-30-30-45, Rec. 125' G, 125' GOCM, 270' OCWM, 45' MW, BHP: 1145/1145, FP: 54/127 157/200

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
.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....

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			
Size	Set At	Packer at	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	Gas	Water	Gas-Oil Ratio	Gravity
.....	Bbls	MCF	Bbls	CFPB	.....

**METHOD OF COMPLETION**

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

MAY 27 1968  
 SHERIDAN COUNTY