

00-004

STATE CORPORATION COMMISSION OF KANSAS  
OIL & GAS CONSERVATION DIVISION  
WELL COMPLETION OR RECOMPLETION FORM  
ACO-1 WELL HISTORY  
DESCRIPTION OF WELL AND LEASE

API NO. 15-179-20,929

County Sheridan  
165' W of East  
SE SW NE Sec. 33 Twp. 8 Rge. 28 West

Operator: License # 5011  
Name Viking Resources  
Address 120 S. Market, Suite 518  
Wichita, KS 67202-3819  
City/State/Zip

2970 Ft North from Southeast Corner of Section  
1815 Ft West from Southeast Corner of Section  
(Note: Locate well in section plat below)

Purchaser

Lease Name Shaw "A" Well #

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

Field Name

Contractor: License # 4958  
Name Mallard JV, Inc.

Producing Formation

Wellsite Geologist Don Strong  
Phone

Elevation: Ground 2716 KB 2724

Designate Type of Completion  
 New Well  Re-Entry  Workover

RECEIVED  
STATE CORPORATION COMMISSION

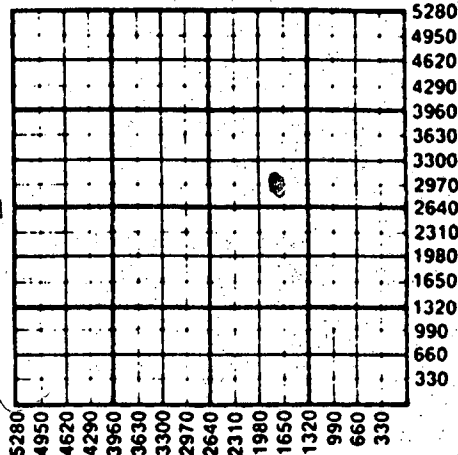
Oil  SWD  Temp Abd  
 Gas  Inj  Delayed Comp.  
 Dry  Other (Core, Water Supply etc.)

SEP - 1 1988

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

CONSERVATION DIVISION  
Wichita, Kansas

Section Plat



WATER SUPPLY INFORMATION

Disposition of Produced Water:  Disposal  
Docket #  Repressuring

WELL HISTORY  
Drilling Method:  
 Mud Rotary  Air Rotary  Cable  
8-6-88 8-14-88 8-15-88  
Spud Date Date Reached TD Completion Date  
4090 PBDT  
Total Depth

Amount of Surface Pipe Set and Cemented at 227 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 #

Questions on this portion of the ACO-1 call:  
Water Resources Board (913) 296-3717  
Source of Water:  
Division of Water Resources Permit #  
 Groundwater 2970 Ft North from Southeast Corner  
(Well) 1815 Ft West from Southeast Corner of  
Sec 33 Twp 8 Rge 28 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 James B. Devlin  
Title Partner-Operator Date 16 August 1988

Subscribed and sworn to before me this 16 day of August 1988  
Notary Public Paula R. Dunagan  
Date Commission Expires 2 March 1989

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)  
9-1-88

PAULA R. DUNAGAN  
NOTARY PUBLIC  
STATE OF KANSAS  
My Appt. Exp. 3/2/89

Sec. 33 Twp. 8 Rge. 28

Operator Name **Viking Resources** Lease Name **Shaw "A"** 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

DST #1, 3570-3589, 30-30-30-30, Rec. 10' OCM, BHP: 1103/1049, FP: 65/76 65/76  
 DST #2, 3729-3740, 30-30-60-60, Rec. 315' W, BHP: 1136/1158, FP: 65/120 87/163  
 DST #3, 3755-3780, 30-30-60-60, Rec. 840' Ww/OSpts, BHP: 1266/1277, FP: 152/436 524/842  
 DST #4, 3802-3836, 30-30-30-30, Rec. 5' OCM, BHP: 120/54, FP: 43/43 43/43  
 DST #5, 3838-3851, 30-30-60-60, Rec. 270' GIP, 90' O, 30' MCO, BHP: failed/1168, FP: 54/65 65/76,  
 DST #6 & DST #7-Misruns  
 DST #8, 3836-3882, 30-30-30-30, Rec. 910' WM, 1320' OCW, 320' W, BHP: 1308/1305, FP; 409/954 979/1184  
 DST #9, 3885-3899, 30-30-30-45, Rec. 120' FIP, 95' GCWM, 380' GCM, 335' M, BHP: 1379/1258, FP; 48/221 273/349  
 DST #10, 3985-4090, 30-30-30-30, Rec. 10' M, BHP: 147/86 FP: 68/77 79/81

Name	Formation Description	
	Top	Bottom
Topeka	3594 (-870)	
Heebner	3806 (-1082)	
Toronto	3833 (-1109)	
Lansing	3846 (-1122)	
RTD	4090 (-1366)	
LTD	4092 (-1368)	

<b>CASING RECORD</b> <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	227	60/40 pozz	170	4% gel, 3% cc
<b>PERFORATION RECORD</b> Shots Per Foot   Specify Footage of Each Interval Perforated				<b>Acid, Fracture, Shot, Cement Squeeze Record</b> (Amount and Kind of Material Used)   Depth			
<b>TUBING RECORD</b> 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 Production Interval

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

