

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

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

Contractor: License # 4958  
Name Mallard JV, Inc

Wellsite Geologist Rob Patton  
Phone (316) 262-2502

Designate Type of Completion  
 New Well     Re-Entry     Workover  
 Oil     SWD     Temp Abd  
 Gas     Inj     Delayed Completion  
 Dry     Other (Core, Water Supply etc.)

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

WELL HISTORY

Drilling Method:  
 Mud Rotary     Air Rotary     Cable  
4-25-89    5-5-89    5-5-89  
Spud Date    Date Reached TD    Completion Date  
3314  
Total Depth    PBTD

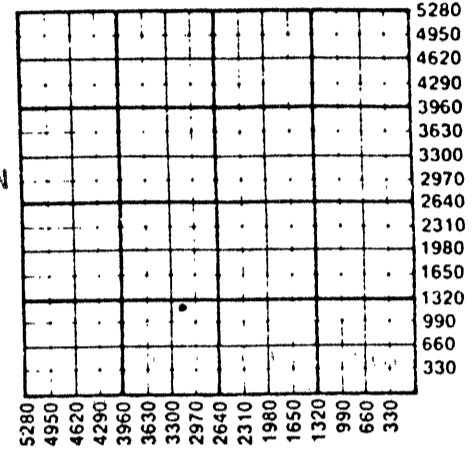
Amount of Surface Pipe Set and Cemented at 1251 feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set \_\_\_\_\_ feet  
If alternate 2 completion, cement circulated  
from \_\_\_\_\_ feet depth to \_\_\_\_\_ w/ \_\_\_\_\_ SX cmt  
Cement Company Name  
Invoice #

AIR DRILL

API NO. 15-..... 163-23,042 - 00-00  
County..... Rooks  
20' N and 180' E of East  
.NE. .SE .SW. Sec. 27. Twp. 7. Rge. 18. X West  
1010..... Ft North from Southeast Corner of Section  
3150..... Ft West from Southeast Corner of Section  
(Note: Locate well in section plat below)

Lease Name..... Kollman..... Well # 1  
Field Name.....  
Producing Formation.....  
Elevation: Ground..... 1801..... KB..... 1809

Section Plat



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STATE CORPORATION COMMISSION  
JUN 7 1989  
OIL & GAS CONSERVATION DIVISION  
Wichita, Kansas  
67-89

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) TOOKED.....  
(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 R. Deylin.....  
Title..... Owner-Operator..... Date ..... 5/12/89.....

Subscribed and sworn to before me this 12th day of May  
1989  
Notary Public..... Paula R. Dunagan.....  
Date Commission Expires..... 2 March 1993.....



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)

.....  
.....  
6-7-89  
Form ACO-1 (5-86)

Sec 27 Twp 7 Rge 18 West

Operator Name Viking Resources Lease Name Kollman Well # 1

Sec 27 Twp 7 Rge 18 East West County Rooks

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.

Table with columns: Drill Stem Tests Taken, Formation Description, Name, Top, Bottom. Includes data for DST #1 through DST #7 and formation names like Anhydrite, Heebner, Toronto, etc.

CASING RECORD, PERFORATION RECORD, TUBING RECORD, Date of First Production, Producing Method, Estimated Production Per 24 Hours

METHOD OF COMPLETION, Disposition of gas, Open Hole, Perforation, Dually Completed, Conmngled

MALLARD JV, INC.  
P.O. BOX 1009  
McPHERSON, KS 67460

15-163-23042-00-00

DRILLERS' LOG

OPERATOR: Viking Resources  
120 S. Market, Suite 518  
Wichita, KS 67202-3819

WELL: Kollman #1

API#: 15-163-23,042

COMMENCED: April 25, 1989

LOCATION: 50' W of NE SE SW

COMPLETED: May 4, 1989

990 Ft. FSL, 3020 Ft. FEL

TOTAL DEPTH: 3314 Ft.

SEC. 27 TWP. 7 S RGE. 18 W

ELEVATION: 1788 Ft. G.L.  
1796 Ft. K.B.

COUNTY: Rooks

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Cut 17 1/4" hole to 46' and ran 1 joint 13-3/8" x 37.9' conductor casing. Set at 46' and cemented with 50 sacks 60/40 Pozmix, 2% gel, 3% cc. Cement did circulate. P.D. at 2:00 a.m. 4-26-89.

Cut 12 1/4" hole to 1255' and ran 31 joints 8-5/8" x 24# x 1241.67' surface casing. Set at 1251.17' and cemented with 425 sacks 60/40 Pozmix, 2% gel, 3% cc. Cement did circulate. P.D. at 4:30 p.m. 4-27-89.

Cut 7-7/8" hole to 3314' R.T.D. Arbuckle and plugged with 200 sacks 60/40 Pozmix, 6% gel, 2 sacks Floseal as follows:

- 25 sacks @ 3306'
- 40 sacks @ 1280'
- 100 sacks @ 650'
- 10 sacks @ 40' and wood plug
- 15 sacks R.H., 10 sacks M.H.
- P.D. at 8:00 a.m. 5-4-89.

RECEIVED  
STATE CORPORATION COMMISSION

JUN 7 1989

CONSERVATION DIVISION  
Wichita, Kansas

6-7-89

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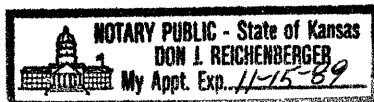
STATE OF KANSAS )  
COUNTY OF MCPHERSON ) SS:

I, BRYAN HESS of MALLARD JV, INC. hereby certify that this is a true and correct copy of the log of the Kollman #1 well as reflected by the files of Mallard JV, Inc.

*Bryan Hess*  
BRYAN HESS, General Mgr.

Subscribed and sworn to before me this 16th day of May, 1989.

11-15-89  
My Appt. Exp



*Don J. Reichenberger*  
NOTARY PUBLIC