

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-.....179-20,931.....  
County.....Sheridan.....  
NE... SE... SW... Sec. 2... Twp. 10... Rge. 26 X East  
West

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

Lease Name..... Von Lintel..... Well #..... 3.....  
Field Name.....

Producing Formation.....  
Elevation: Ground..... 2579..... KB..... 2587.....

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 Deylin .....  
Phone ..... (316) 262-2502 .....

Contractor: License # ..... 4958 .....  
Name ..... Mallard JV, Inc. ....

Wellsite Geologist..... Rob Patton .....  
Phone.....

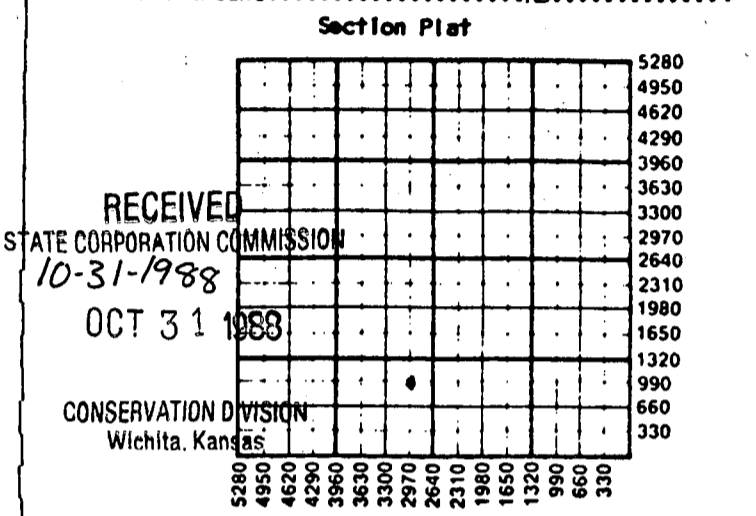
Designate Type of Completion  
 New Well  Re-Entry  Workover  
  
 Oil  SWD  Temp Abd  
 Gas  Inj  Delayed Comp.  
 Dry  Other (Core, Water Supply etc.)  
If ONWO: old well info as follows:

Operator .....  
Well Name .....  
Comp. Date ..... Old Total Depth.....

WELL HISTORY

Drilling Method:  
 Mud Rotary  Air Rotary  Cable  
10-13-88 ..... 10-18-88 ..... 10-18-88 .....  
Spud Date Date Reached TD Completion Date  
4071 .....  
Total Depth PBDT

Amount of Surface Pipe Set and Cemented at 335 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 # .....  
alt Dra



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.....990 Ft North from Southeast Corner  
(Stream, pond etc).....4290 Ft West from Southeast Corner  
Sec 2 Twp 10 Rge 26 East  West  
  
 Other (explain).....  
(purchased from city, R.W.D. #)

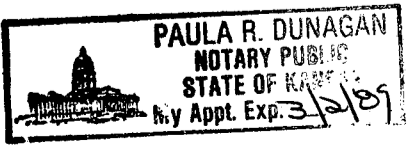
INSTRUCTIONS: This form shall be completed in triplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date of any well. Rule 82-3-130, 82-3-107 and 82-3-106 apply.  
Information on side two of this form will be held 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. Deylin .....  
Title..... Partner-Operator ..... Date 25 Oct 1988

Subscribed and sworn to before me this 25th day of October 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)  
10-31-88 (4) X  
Form ACO-1 (5-86)

Sec 2 Twp 10 Rge 26

Operator Name Viking Resources Lease Name Von Lintel Well # 3

Sec 2 Twp 10s Rge 26 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 [X] Yes [ ] No
Samples Sent to Geological Survey [X] Yes [ ] No
Cores Taken [ ] Yes [X] No

Formation Description
[ ] Log [X] Sample

DST #1, 3870-3900, 30-30-30-30, Rec. 20' Mud w/few specks oil, FP: 28/28 38/38, BHP: 381/381, HP: 1998/1978

Table with 3 columns: Name, Top, Bottom. Rows include Anhydrite, Base Anhydrite, Wabaunsee, Topeka, Heebner, Toronto, Lansing, Stark, and RTD with their respective depth ranges.

CASING RECORD [ ] New [X] Used

Report all strings set-conductor, surface, intermediate, production, etc.

Table with 8 columns: 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. Row 1: Surface, 12 1/4, 8-5/8, 20, 335, 60/40 poz, 190, 2% gel, 3% cc.

PERFORATION RECORD

Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Depth

Table with 4 columns: 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 [ ] Yes [ ] No

Date of First Production Producing Method [ ] Flowing [ ] Pumping [ ] Gas Lift [ ] Other (explain)

Table with 5 columns: Oil, Gas, Water, Gas-Oil Ratio, Gravity. Row 1: Estimated Production Per 24 Hours, Bbls, MCF, Bbls, CFPB.

METHOD OF COMPLETION

Production Interval

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

Mallard JV, Inc.  
P.O. Box 1009  
McPherson, KS 67460

DRILLERS' LOG

OPERATOR: Viking Resources 120 S. Market, Suite 518 Wichita, KS 67202	WELL: Von Lintel #3 API#: 15- 179-20,931 LOCATION: NE SE SW 990 Ft. FSL, 2970 Ft. FEL Sec. 2 Twp. 10 S Rge. 26 W COUNTY: Sheridan
COMMENCED: October 13, 1988	
COMPLETED: October 18, 1988	
TOTAL DEPTH: 4071 Ft.	
ELEVATION: 2579 Ft. G.L. 2587 Ft. K.B.	

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<u>FORMATION</u>	<u>FROM</u>	<u>TO</u>
Surface	0'	337'
Shale, Sand	337	1809
Sand	1809	1987
Shale	1987	2216
Anhydrite	2216	2251
Shale, Lime	2251	4071 R.T.D. Kansas City

REMARKS

Cut 12 1/4" hole to 338' and ran 8 joints 8-5/8" x 20# x 325.7' surface casing.  
Set at 335.1' and cemented with 190 sacks 60/40 Pozmix, 2% gel, 3% cc.  
Cement did circulate. P.D. @ 9:50 p.m. 10-13-88.

Ran 1 DST.

Plugged hole with 200 sx 60/40 Pozmix, 6% gel as follows:

- 25 sx @ 2240'
- 100 sx @ 1340' and 2 sx celloflake
- 40 sx @ 360'
- 10 sx @ 40' and wiper plug
- 15 sx R.H., 10 sx M.H.

P.D. @ 7:00 a.m. 10-18-88

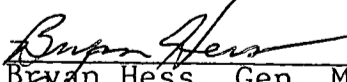
**RECEIVED**  
STATE CORPORATION COMMISSION  
10-31-1988  
OCT 31 1988

CONSERVATION DIVISION  
Wichita, Kansas

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STATE OF KANSAS        )  
                                  ) SS:  
COUNTY OF McPHERSON)

I, BRYAN HESS of MALLARD DRILLING, do hereby certify that this is a true and correct copy of the log of the Von Lintel #3 well as reflected by the files of Mallard Drilling.

  
Bryan Hess, Gen. Mgr.

Subscribed and sworn to before me this 24th day of October, 1988.

11-15-89  
My Commission Expires

  
Notary Public

