

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-.....193,20,441-00-00.....
County.....Thomas.....
W/2 W/2 NE Sec. 13 Twp. 10 Rge. 33 East
..... West

Operator: License #5011.....
NameViking Resources.....
Address120 S. Market, Suite 518.....
.....Wichita, KS 67202-3819.....
City/State/Zip

3960 Ft North from Southeast Corner of Section
2310 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

Purchaser.....N/A.....

Lease Name.....Karber.....Well #.....1.....

Operator Contact PersonJim Devlin.....
Phone(316) 262-2502.....

Field Name.....

Producing Formation.....

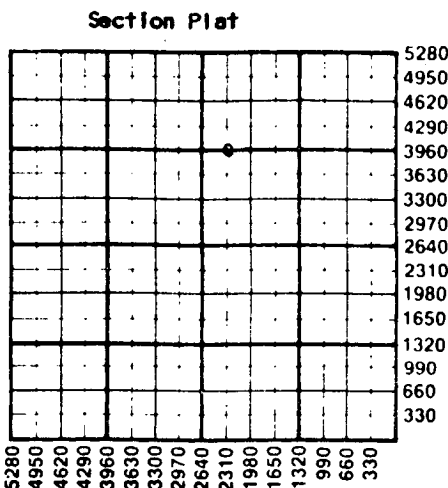
Contractor: License #4958.....
NameMallard JV, Inc.....

Elevation: Ground.....3098.....KB.....3106.....

Wellsite Geologist.....Jim Maloney.....
Phone.....None.....

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

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



WATER SUPPLY INFORMATION
Disposition of Produced Water: Disposal
Docket # Repressuring

WELL HISTORY
Drilling Method:
 Mud Rotary Air Rotary Cable
7-10-87..... 7-18-87..... 7-18-87.....
Spud Date Date Reached TD Completion Date
4720.....
Total Depth PBTD
Amount of Surface Pipe Set and Cemented at 328 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.....1320 Ft North from Southeast Corner
(Well)3960 Ft West from Southeast Corner of
Sec 12 Twp 10 Rge 33 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. #)

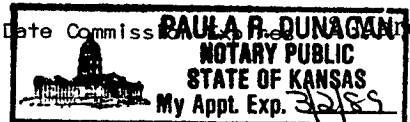
INSTRUCTIONS: This form shall be completed in triplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date of any well. Rule 82-3-130, 82-3-107 and 82-3-106 apply.
Information on side two of this form will be held confidential 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
Title.....Partner/Operator..... Date8-6-87.....

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

K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Drillers Timelog Received
Distribution
 KCC SWD/Rep NGPA
 PKGS Plug Other
(Specify)
RECEIVED
08-18-1987
AUG 18 1987



Sec. 13 Twp. 10 Rge. 33 E

SIDE TWO

Operator Name Viking Resources Lease Name Karber Well # 1

Sec..... 13 Twp..... 10 Rge..... 33 East West County..... Thomas

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
Anhydrite	2613 (+493)	
B. Anhydrite	2642 (+464)	
Topeka	3797 (-691)	
Heebner	4016 (-910)	
Toronto	4036 (-930)	
LKC	4061 (-955)	
Muncie Creek Shale	4192 (-1086)	
Stark Shale	4272 (-1170)	
BKC	4336 (-1260)	
Marmaton	4366 (-1260)	
Pawnee	4469 (-1363)	
Myrick Station	4514 (-1408)	
Ft. Scott	4530 (-1424)	
Johnson	4603 (-1497)	
Miss	4664 (-1558)	
RTD	4720	1614

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	328	60/40 poz	180	2% gel, 3% CC
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				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