

2611

3-9-26W

COPY

SIDE ONE

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

Operator: License # 5011

Name: Viking Resources, Inc.

Address 105 S. Broadway, Suite #1040

City/State/Zip Wichita, KS 67202-4224

Purchaser: _____

Operator Contact Person: James B. Devlin

Phone (316) 262-2502

Contractor: Name: Mallard IV, Inc.

License: 4958

Wellsite Geologist: Robert C. Patton

Designate Type of Completion

☒ New Well ☐ Re-Entry ☐ Workover

☐ Oil ☐ SLD ☐ Temp. Abd.

☐ Gas ☐ Inj ☐ Delayed Comp.

☒ Dry ☐ Other (Core, Water Supply, etc.)

If OWD: old well info as follows:

Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

Drilling Method:

☒ Mud Rotary ☐ Air Rotary ☐ Cable

5-9-91 5-11-91

Spud Date Date Reached TD Completion Date

API NO. 15- 179-21,002

County Sheridan

SE NW SW Sec. 3 Twp. 9 Rge. 26 ☒ East ☐ West

1650 Ft. North from Southeast Corner of Section

4290 Ft. West from Southeast Corner of Section
(NOTE: Locate well in section plat below.)

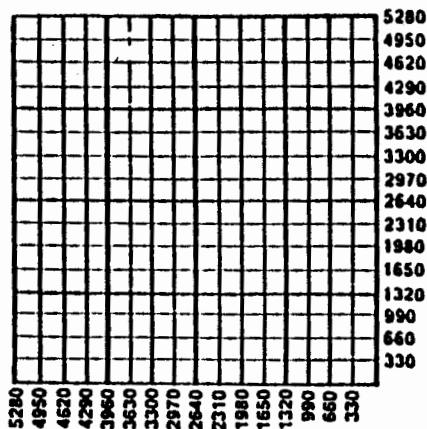
Lease Name Graham Well # 1

Field Name WC

Producing Formation _____

Elevations: Ground 2630 KB 2638

Total Depth 2478 PBTD _____



Amount of Surface Pipe Set and Cemented at 262' @ 271 Feet

Multiple Stage Cementing Collar Used? ☐ Yes ☐ No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from _____

feet depth to _____ w/ _____ SX cmt.

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. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells. Any recompletion, workover or conversion of a well requires filing of ACO-2 within 120 days from commencement date of such work.

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.

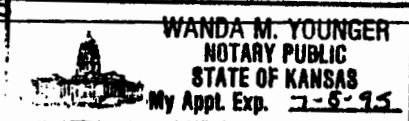
Signature James B. Devlin

Title President Date 10-31-91

Subscribed and sworn to before me this 31 day of October,
19 91.

Notary Public Wanda M. Younger

Date Commission Expires 7-8-95



K.C.C. OFFICE USE ONLY		
F	Letter of Confidentiality Attached	
C	Wireline Log Received	
C	Drillers Timelog Received	
Distribution		
<input checked="" type="checkbox"/> KCC	<input type="checkbox"/> SLD/Rep	<input checked="" type="checkbox"/> NGPA
<input checked="" type="checkbox"/> KGS	<input type="checkbox"/> Plug	<input type="checkbox"/> Other (Specify)

Form ACO-1 (7-89)

68852

SIDE TWO

Operator Name Viking Resources, Inc. Lease Name Graham Well # 1
 Sec. 3 Twp. 9 Rge. 26 ☐ East County Sheridan
☐ West

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
 (Attach Additional Sheets.)
 Samples Sent to Geological Survey ☒ Yes ☐ No
 Cores Taken ☐ Yes ☒ No
 Electric Log Run ☐ Yes ☒ No
 (Submit Copy.)

Formation Description

☐ Log ☒ Sample

Name Top Bottom
 Anhydrite 2294-2330

CASING RECORD

☒ New ☐ 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# 262'	271	60/40 poz	180	2% gel, 3% cc

PERFORATION RECORD

Shots Per Foot Specify Footage of Each Interval Perforated

Acid, Fracture, Shot, Cement Squeeze Record (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)

Estimated Production Per 24 Hours Oil Bbls. Gas Mcf Water Bbls. Gas-Oil Ratio Gravity

Disposition of Gas:

METHOD OF COMPLETION

Production Interval

☐ Vented ☐ Sold ☐ Used on Lease
 (If vented, submit ACO-18.)

☐ Open Hole ☐ Perforation ☐ Dually Completed ☐ Conmingled
☐ Other (Specify) _____

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

D R I L L E R S L O G

COF
3-9-26W

OPERATOR: Viking Resources, Inc.
105 S. Broadway, Suite 1040
Wichita, KS 67202

WELL: Graham #1

API #: 15-179-21,002

COMMENCED: May 5, 1991

LOCATION: SE NW SW

COMPLETED: May 11, 1991

1650 FT. FSL, 4290 FT. FEL

TOTAL DEPTH: 2478 FT.

SEC. 3 TWP. 9 RGE. 26 W

ELEVATION: 2630 FT. GL, 2638 FT. KB

COUNTY: Sheridan

STATUS: D & A - Stopped at Anhydrite Formation

Size Hole Drilled: 12-1/4" x 275'
Surface Casing: 8-5/8" x 20# x 262' (6 jts.)
Set At: 271.60'
Cement: 180 sacks 60/40 Pozmix, 2% gel, 3% cc
P.D.: 7:00 p.m. 5/9/91

Size Hole Drilled: 7-7/8" x 2478'
Plugged Hole With: 25 sacks @ 2300'
100 sacks @ 1325'
40 sacks @ 325'
10 sacks @ 40'
15 sacks rathole
10 sacks mousehole
200 sacks total - 60/40 Pozmix, 6% gel, 3% cc
P.D.: 6:00 p.m. 5/11/91

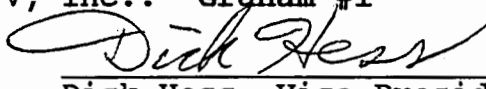
RECEIVED
STATE CORPORATION COMMISSION

NOV 4 1991

Drill Stem Tests: None Electric Log: None

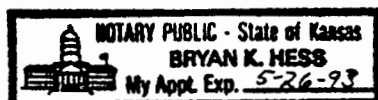
... CERTIFICATE ...


Dick Hess, Vice-President of Mallard JV, Inc., hereby certifies that this is a true and correct copy of the log of the following well, as reflected by the files of Mallard JV, Inc.: Graham #1


Dick Hess, Vice-President

STATE OF KANSAS)
COUNTY OF McPHERSON) ss.

Subscribed and sworn to before me this 17th day of May, 1991.




Bryan K. Hess, Notary Public