

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
Wichita, KS 67202-4224
Purchaser: _____
Operator Contact Person: James B. Devlin
Phone (316) 262-2502

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

Wellsite Geologist: Robert C. Patton

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

If OWM: 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- 179-21,002-00-00
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.)

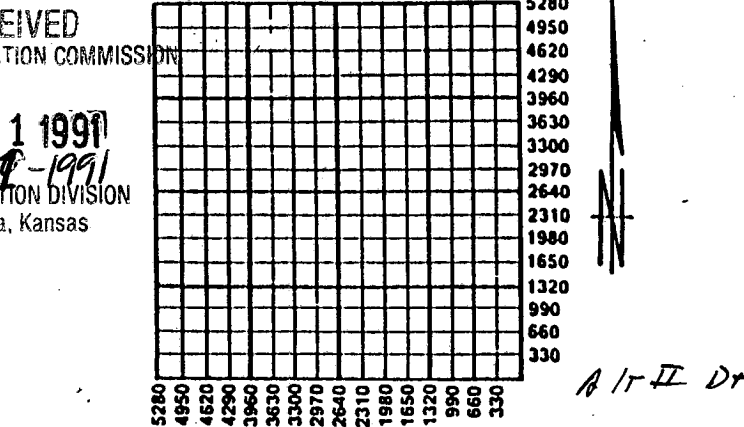
Lease Name Graham Well # 1

Field Name wc

Producing Formation _____

Elevation: 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.

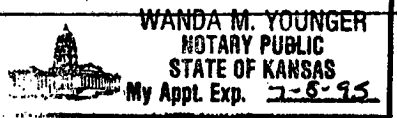
INSTRUCTIONS: This form shall be completed in triplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date of any well. Rule 82-3-130, 82-3-107 and 82-3-106 apply. Information on side two of this form will be held confidential 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 7-6-95



K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Drillers Timelog Received

Distribution
 KCC SMD/Rep NGPA
 KGS Plug Other (Specify)

SIDE TWO

Operator Name Viking Resources, Inc. Lease Name Graham Well # 1

County Sheridan

Sec. 3 Twp. 9 Rge. 26
 East
 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

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:

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

METHOD OF COMPLETION

Open Hole Perforation Dually Completed Commingled
 Other (Specify)

Production Interval

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

D R I L L E R S L O G

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

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STATE CORPORATION COMMISSION

NOV 4 1991

CONSERVATION DIVISION
Wichita, Kansas

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

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
Bryan K. Hess, Notary Public

15-179-21002-00-00

Phone 913-483-2627, Russell, Kansas

Phone Plainville 913-434-2812

Phone 316-793-5861, Great Bend, Kansas

Phone Ness City 913-798-3843

New
ALLIED CEMENTING CO., INC. No. 2558
Home Office P. O. Box 31 Russell, Kansas 67665 ORIGINAL

Date	5-9-91	Sec.	3	Twp.	9 ^s	Range	26 ^w	Called Out	1:30 P.M.	On Location	4:00 P.M.	Job Start	6:40 P.M.	Finish	7:00 P.M.	
Lease	Graham	Well No.	1	Location				Quarter N. to Redline 1521N	County	Shenandoah	State	Ks.				
Contractor	Mallard Joint Venture, Inc. Rig #1															
Type Job	Set Surface Pipe															
Hole Size	12 1/4"	T.D.	275'													
Csg.	8 3/8"	Depth	271'													
Tbg. Size		Depth														
Drill Pipe		Depth														
Tool		Depth														
Cement Left in Csg.	15'	Shoe Joint														
Press Max.		Minimum	-													
Meas Line		Displace	X													
Perf.																

Owner Same
To Allied Cementing Co., Inc.
You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.

Charge To Viking Resources, Inc.
Street Broadway Plaza Bldg, 105 S. Broadway #1040
City Wichita State Ks. 67202-4224

The above was done to satisfaction and supervision of owner agent or contractor.

Purchase Order No. _____
X Day Johnson

CEMENT

Amount Ordered	180 sks 6 1/4" pos 2 bagel, 3% C.C.
Consisting of	
Common	108 sks @ 5.25/sk. \$567.00
Poz. Mix	72 sks @ 2.25/sk. 162.00
Gel.	3 sks N/C
Chloride	5 sks @ 21.00/sk. 105.00
Quickset	

Handling	2.00/sk. (180 sks)	180.00
Mileage	2.044/sk./mi. (58 mi.)	417.60
Sub Total		1431.60
Total		

Floating Equipment Thanks

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STATE CORPORATION COMMISSION
NOV 1 1991
OPERATION DIVISION
WICHITA KANSAS

EQUIPMENT

Pumptrk	No. 191	Cementer	Gary H.
		Helper	Wayne Mc.
Pumptrk	No.	Cementer	
		Helper	
Bulktrk	#212	Driver	Joe S.
Bulktrk		Driver	

DEPTH of Job	
Reference #1	Pumptruck - surface \$390.00
#13	mileage @ 2.00/mi. 116.00
	1-8 3/8" wooden plug 42.00
	Sub/Total \$538.00
	Tax
	Total

Remarks: Cement Circulated.

15-179-21002-00-00

Phone 913-483-2627, Russell, Kansas

Phone Plainville 913-434-2812

Phone 316-793-5861, Great Bend, Kansas

Phone Ness City 913-798-3843

New
ALLIED CEMENTING CO., INC. No. 2560 ORIGINAL
 Home Office P. O. Box 31 Russell, Kansas 67665

Date	5-11-91	Sec.	3	Twp.	9 ^S	Range	26 ^W	Called Out	1:00 P.M.	On Location	3:40 P.M.	Job Start	4:00 P.M.	Finish	6:00 P.M.	
Lease	Graham	Well No.		Location				Quarter N. to Redline 1E 2 1/2 N 1/2 E	County	Sheridan	State	Ks.				
Contractor	Mallard Joint Venture, Inc. Rig #1															
Type Job	Plug															
Hole Size	7 7/8"		T.D.	2478'												
Csg.	8 3/8"		Depth	271'												
Tbg. Size			Depth													
Drill Pipe			Depth													
Tool			Depth													
Cement Left in Csg.			Shoe Joint													
Press Max.	200 #		Minimum													
Meas Line			Displace													
Perf.																

Owner: Same
 To Allied Cementing Co., Inc.
 You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.

Charge To: Viking Resources, Inc.
 Street: Broadway Plaza Bldg., 105 S. Broadway #1040
 City: Wichita, State: Ks. 67202-4224
 The above was done to satisfaction and supervision of owner agent or contractor.

Purchase Order No. _____
 X *Doug Fehulch*

CEMENT

Amount Ordered: 200 sks 6 1/4 002 6log, 32c.c.
 Consisting of:
 Common 120 sks @ 5.25/sk. \$630.00
 Poz. Mix 80 sks @ 2.25/sk. 180.00
 Gel. 7 sks @ 6.75/sk. (Used 10 sks) 47.25
 Chloride 6 sks @ 21.00/sk. 126.00
 Quickset _____

Sales Tax _____
 Handling @ 1.00/sk. (200 sks) 200.00
 Mileage @ 04¢/sk./mi. (58 mi.) 464.00
 Sub Total 1647.25
 Total _____

Floating Equipment _____
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 STATE COMMISSION

NOV 1 1991

Wichita, Kansas

Plugged mouse hole w/10 sks.

EQUIPMENT

No.	Cementer	Gary H. Wayne Mc.
Pumptrk 191	Helper	
No.	Cementer	Joe S.
Pumptrk	Helper	
	Driver	
Bulktrk #212	Driver	

DEPTH of Job

Reference:	#8 Pumptruck - plug	\$475.00
	#13 mileage @ 2.00/mi.	116.00
	1-8 3/8" dry hole plug	21.00
	Sub-Total	612.00
	Tax	
	Total	

Remarks:
 1st plug @ 2300' w/25 sks.
 2nd plug @ 1325' w/100 sks & 2 sks Bulk.
 3rd plug @ 325' w/40 sks.
 8 3/8" plug @ 40' w/10 sks to surface.
 Plugged rat hole w/15 sks.