

SIDE ONE

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

API NO. 15-179-21, 020-00-00

County Sheridan Co., Kansas

110' NW  
SE SE SE Sec. 31 Twp. 8s Rge. 26  East  
West

440  Ft. North from Southeast Corner of Section

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

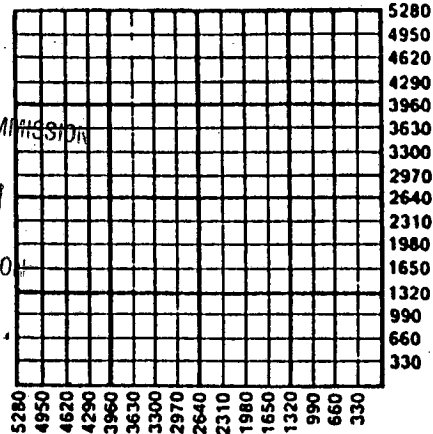
Lease Name Schamberger Well # 1

Field Name Wildcat

Producing Formation \_\_\_\_\_

Elevation: Ground 2628' KB 2636'

Total Depth 3980' PBDT \_\_\_\_\_



Amount of Surface Pipe Set and Cemented at 253' @ 262' 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.

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 JV, Inc.

License: 4958

Wellsite Geologist: Robert C. Patton

Designate Type of Completion

New Well  Re-Entry  Workover

Oil  SWD  Temp. Abd.

Gas  Inj  Delayed Comp.

Dry  Other (Core, Water Supply, etc.)

If OWMO: old well info as follows:

Operator: \_\_\_\_\_

Well Name: \_\_\_\_\_

Comp. Date \_\_\_\_\_ Old Total Depth \_\_\_\_\_

Drilling Method:

Mud Rotary  Air Rotary  Cable

9-20-91 9-25-91 \_\_\_\_\_  
Spud Date Date Reached TD Completion Date

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CONSERVATION DIVISION  
Wichita, Kansas

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<sup>st</sup> day of October, 1991.

Notary Public Wanda M. Younger

Date Commission Expires 7-8-95

WANDA M. YOUNGER  
NOTARY PUBLIC  
STATE OF KANSAS  
My Appt. Exp. 7-8-95

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

**SIDE TWO**

Operator Name Viking Resources, Inc. Lease Name Schamberger Well # 1  
 Sec. 31 Twp. 8s Rge. 26  East  West  
 County Sheridan Co., Kansas

**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 <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Attach Additional Sheets.)  Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No  Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No  Electric Log Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (Submit Copy.)	<p style="text-align: center;"><b>Formation Description</b></p> <p style="text-align: center;"><input type="checkbox"/> Log <input checked="" type="checkbox"/> Sample</p> <table style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Name</th> <th style="text-align: left;">Top</th> <th style="text-align: left;">Bottom</th> </tr> </thead> <tbody> <tr> <td>Anhydrite</td> <td>2250</td> <td>(+386)</td> </tr> <tr> <td>Heebner</td> <td>3747</td> <td>(-1111)</td> </tr> <tr> <td>Toronto</td> <td>3771</td> <td>(-1135)</td> </tr> <tr> <td>Lansing</td> <td>3787</td> <td>(-1151)</td> </tr> <tr> <td>B zone</td> <td>3815</td> <td>(-1179)</td> </tr> <tr> <td>J zone</td> <td>3950</td> <td>(-1314)</td> </tr> </tbody> </table>	Name	Top	Bottom	Anhydrite	2250	(+386)	Heebner	3747	(-1111)	Toronto	3771	(-1135)	Lansing	3787	(-1151)	B zone	3815	(-1179)	J zone	3950	(-1314)
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DST#1 ("B-E" Zones) 3803-3863, 30-45-30-60, IFP 67/153, FFP 201/221, ISIP 865, FSIP 865, IHP 2065, FHP 2046, Rec. 350' muddy water

DST#2 ("H-K" Zones) 3890-3980, 30-30-30-30, IFP 86/86, FFP 96/96, ISIP 990, FSIP 961, IHP 2142, FHP 2084, Rec. 62' mud w/ oil spots.

<b>CASING RECORD</b> <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#	262	60/40 poz	170	2% gel, 3% cc
<b>PERFORATION RECORD</b>				<b>Acid, Fracture, Shot, Cement Squeeze Record</b>			
Shots Per Foot	Specify Footage of Each Interval Perforated			Amount and Kind of Material Used			Depth
<b>TUBING RECORD</b>				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 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 \_\_\_\_\_

15-179-21020-00-00

# ALLIED CEMENTING CO., INC.

No 2224

ORIGINAL

Home Office P. O. Box 31

Russell, Kansas 67665

NEW

Date	9-25-91	Sec.	31	Twp.	8	Range	26	Called Out		On Location	3 PM	Job Start		Finish	5:30 PM	
Lease	Schamberger	Well No.	1	Location	Tasco 2E 3 1/8				County	Shawnee	State	Kan				
Contractor	Mallard															
Type Job	Plug															
Hole Size	7 7/8			T.D.	3930											
Csg.	8 5/8			Depth												
Tbg. Size				Depth												
Drill Pipe				Depth												
Tool				Depth												
Cement Left in Csg.				Shoe Joint												
Press Max.				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 Res.  
Street 105 S. Broadway # 1040  
City Wichita State KANSAS 67202-4224

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

Purchase Order No. *[Signature]*

**CEMENT**

Amount Ordered 200 <sup>60</sup>/<sub>40</sub> 6% bel 3% cc

Consisting of

Common	120 @	525	630.00
Poz. Mix	80 @	225	180.00
Gel.	8 @	675	54.00
Chloride	4 @	21.00	84.00
Quickset			

**EQUIPMENT**

No.	Cementer	M Adoo
Pumptrk 153	Helper	
No.	Cementer	Dave F
Pumptrk	Helper	
	Driver	Paul
Bulktrk		
Bulktrk	Driver	

**DEPTH of Job**

Reference:	Pump Truck	380.00
	2.00 Per mile	122.00
	Dry Hole Plug	20.00
	Sub Total	
	Tax	
	Total	522.00

Remarks: Mixed 25 sk at 2275'  
100 sk at 1350'  
40 sk at 310'  
10 sk at 40'  
15 sk in Rat hole  
10 sk in mouse Hole

Handling	@ 1.00/sk	206.00
Mileage	4 1/2 SK / MILE	488.00
	Sub Total	
	Total	1636.00

Floating Equipment

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15-179-21020-00-00  
New

# ALLIED CEMENTING CO., INC.

No. 2140

Home Office P. O. Box 31

Russell, Kansas 67665

## ORIGINAL

Date	9-20-91	Sec.	31	Wp.	8 <sup>s</sup>	Range	26 <sup>w</sup>	Called Out	4:30 P.M.	On Location	7:30 P.M.	Job Start	9:20 P.M.	Finish	9:45 P.M.
Lease	Schamberger	Well No.	1	Location	Studley SW 1/2 SE 2 3/4 S			County	Shenandoah	State	Ks.				
Contractor	Mallard Joint Venture			Rig #	1										
Type Job	Set Surface Pipe														
Hole Size	12 1/4"			T.D.	265'										
Csg.	8 7/8"			Depth	262'										
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 *Doug Schubert*  
**CEMENT**

Amount Ordered	170 sks 6 1/4 pozz 2 bagel, 3 loc.c.	
Consisting of		
Common	102 sks @ 5.25/sk	\$535.50
Poz. Mix	68 sks @ 2.25/sk	153.00
Gel.	3 sks	N/C
Chloride	5 sks @ 21.00/sk	105.00
Quickset		

**EQUIPMENT**

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

Handling	2.00/sk (170 sks)	170.00
Mileage	2.044/sk/mi. (61 mi.)	414.80
Sub Total		1378.30
Total		

DEPTH of Job		
Reference #1	Pumptruck-surface	380.00
#13	mileage @ 2.00/mi.	122.00
	1- 8 5/8" wooden plug	42.00
	Sub Total	544.00
	Tax	
	Total	

Floating Equipment  
*Thanks*

Remarks: Cement Circulated.

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CONSERVATION DIVISION  
 Wichita, Kansas

<b>MALLARD JV, INC.</b> P. O. BOX 1009 McPHERSON, KS 67460	
<b>D R I L L E R S</b>	<b>L O G</b>

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

WELL: Schamberger #1

API #: 15-179-21,020

COMMENCED: September 20, 1991

LOC: 110' NW of SE SE SE

COMPLETED: September 25, 1991

440 FT. FSL, 440 FT FEL

TOTAL DEPTH: 3980 FT.

SEC. 31 TWP. 8 RGE. 26 W

ELEVATION: 2628 FT. GL, 2636 FT. KB

COUNTY: Sheridan, Kansas

STATUS: D & A - Kansas City Formation	
Size Hole Drilled:	12-1/4" x 265'
Surface Casing:	8-5/8" x 253' (9 jts.)
Set At:	262'
Cement:	170 sacks 60/40 Pozmix, 2% gel, 3% cc
P.D.:	9:45 p.m. 9/20/91
Size Hole Drilled:	7-7/8" x 3980'
Plugged Hole With:	25 sacks @ 2275'
	100 sacks @ 1350'
	40 sacks @ 310'
	10 sacks @ 40'
	15 sacks rathole
	10 sacks mousehole
	200 sacks total - 60/40 Poz, 6% gel, 3% cc
P.D.:	5:30 p.m. 9/25/91
Drill Stem Tests:	2
Electric Log:	None

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 Wichita, Kansas

--- 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.: Schamberger #1

Dick Hess, Vice-President

STATE OF KANSAS )  
COUNTY OF McPHERSON ) ss.

Subscribed and sworn to before me this 2nd day of October, 1991.



*Bryan K. Hess*  
Bryan K. Hess, Notary Public