

ORIGINAL

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

API NO. 15- 135-23,635-00-00

County Ness  
Approx. 150 - SW - SE - Ne Sec. 4 Twp. 18 Rge. 24 X W<sup>E</sup>

Operator: License # 5011  
Name: Viking Resources, Inc.  
Address 105 S. Broadway  
Suite 1040  
City/State/Zip Wichita, KS 67202

3165 - Feet from Q/M (circle one) Line of Section  
795 - Feet from Q/W (circle one) Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
NE, SE, NW or SW (circle one)

Purchaser: \_\_\_\_\_  
Operator Contact Person: James B. Devlin  
Phone (316) 262-2502

Lease Name Potter Well # 3  
Field Name Unknown

Contractor: Name: Wallard, J.V., Inc.  
License: 4958  
Wellsite Geologist: Robert C. Patton

Producing Formation D & A  
Elevation: Ground 2316' KB 2324'  
Total Depth 4355 PBDT \_\_\_\_\_

Designate Type of Completion  
 New Well  Re-Entry  Workover  
 Oil  SWD  S10W  Temp. Abd.  
 Gas  ENHR  SIGW  
 Dry  Other (Core, WSW, Expl., Cathodic, etc)

Amount of Surface Pipe Set and Cemented at 8 5/8" x 252.7 Feet<sup>263</sup>  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set \_\_\_\_\_ Feet

If Workover/Re-Entry: old well info as follows:

If Alternate II completion, cement circulated from \_\_\_\_\_  
feet depth to \_\_\_\_\_ w/ \_\_\_\_\_ sx cmt.

Operator: \_\_\_\_\_  
Well Name: \_\_\_\_\_  
Comp. Date \_\_\_\_\_ Old Total Depth \_\_\_\_\_  
 Deepening  Re-perf.  Conv. to Inj/SWD  
 Plug Back  PBDT  
 Commingled  Docket No. \_\_\_\_\_  
 Dual Completion  Docket No. \_\_\_\_\_  
 Other (SWD or Inj?)  Docket No. \_\_\_\_\_  
12-10-91 12-16-91  
Spud Date Date Reached TD Completion Date

RECEIVED  
STATE CORPORATION COMMISSION  
Chloride content 4000 ppm Fluid volume \_\_\_\_\_ bbls

FEB 13 1992  
CONSERVATION DIVISION  
Wichita, Kansas  
Location of fluid disposal if hauled offsite: \_\_\_\_\_  
Operator Name \_\_\_\_\_  
Lease Name \_\_\_\_\_ License No. \_\_\_\_\_  
Quarter Sec. Twp. S Rng. E/W  
County \_\_\_\_\_ Docket No. \_\_\_\_\_

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 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 geologist well report 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.

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 [Signature]  
Title ABENT Date 2-12-92  
Subscribed and sworn to before me this 12 day of February, 1992.  
Notary Public Wanda M. Younger

K.C.C. OFFICE USE ONLY  
F  Letter of Confidentiality Attached  
C  Wireline Log Received  
C  Geologist Report Received  
Distribution  
 KCC  SWD/Rep  NGPA  
 KGS  Plug  Other (Specify)

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

Operator Name Viking Resources, Inc. Lease Name Potter Well # 3

Sec. 4 Twp. 18 Rge. 24  East County Ness  
 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 (Attach Additional Sheets.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Log	Formation (Top), Depth and Datum	<input checked="" type="checkbox"/> Sample
Samples Sent to Geological Survey	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Anhydride	1610 (+714)	
Electric Log Run (Submit Copy.)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Ft. Scott	4234 (-1910)	
		Miss. Dolo.	4340 (-2016)	
		Dolo. Porsoity	4345 (-2021)	
		RTD	4355	

List All E.Logs Run: DST #1, 4300-4355,  
 30-45-45-60, Rec. 30' gas in pipe, 12' clean oil, 58'  
 oil cut mud, 15% oil, 60' oil cut watery mud, 10% oil,  
 15% water, 4000 chlorides, ISIP 1139#, FSIP 1107#, Flow  
 30/100#

CASING RECORD <input 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 csg.	12 1/4x2 3/8"	8 5/8"	20# 252.70'	263'	60/40 poz	160	2%gel, 3% C.C.

ADDITIONAL CEMENTING/SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Casing				
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type		Acid, Fracture, Shot, Cement Squeeze Record	
	Specify Footage of Each Interval Perforated		(Amount and Kind of Material Used)	Depth

TUBING RECORD	Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No

Date of First, Resumed Production, SWD or Inj.	Producing Method <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)
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Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
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Disposition of Gas:  Vented  Sold  Used on Lease (if vented, submit ACO-18.)

METHOD OF COMPLETION:  Open Hole  Perf.  Dually Comp.  Commingled  Other (Specify) \_\_\_\_\_

Production Interval \_\_\_\_\_

15-135-23635-00-00

ORIGINAL

Phone 913-483-2627, Russell, Kansas

Phone Plainville 913-434-2812

Phone 316-793-5861, Great Bend, Kansas

Phone Ness City 913-798-3843

No 2854

# ALLIED CEMENTING CO., INC.

Home Office P. O. Box 31

Russell, Kansas 67665

*Acir*

Date <i>12-16-91</i>	Sec. <i>4</i>	Fwp. <i>18</i>	Range <i>24</i>	Called Out <i>8:00 AM</i>	On Location <i>10:30 AM</i>	Job Start <i>12:30 Noon</i>	Finish <i>2:15 PM</i>
Lease <i>Potter</i>	Well No. <i>3</i>	Location <i>Nen. 4N, 4W, 1/2N,</i>			County <i>Nen</i>	State <i>Ko</i>	

Contractor <i>Millard</i>	Owner <i>Viking</i>
Type Job <i>Plug</i>	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.
Hole Size <i>7 7/8</i>	T.D. <i>4355'</i>
Csg.	Depth
Tbg. Size	Depth
Drill Pipe <i>4 1/2 KH</i>	Depth <i>1660'</i>
Tool	Depth
Cement Left in Csg.	Shoe Joint
Press Max.	Minimum
Meas Line	Displace
Perf.	

Charge To <i>Viking Resources Inc.</i>
Street <i>105 S. Broadway Suite 1040</i>
City <i>Wichita</i> State <i>Ko. 67202</i>
The above was done to satisfaction and supervision of owner agent or contractor.
Purchase Order No.
X <i>Lester R. Luta</i>
<b>CEMENT</b>
Amount Ordered <i>215 60% per 6 7/8 gal 1/4" flo seal per 5x</i>
Consisting of

**EQUIPMENT**

<i>Nen</i>	No.	Cementor	RECEIVED STATE CORPORATION COMMISSION FEB 13 1992
Pumptrk	<i>158</i>	Helper	
Pumptrk	No.	Cementor <i>JO</i>	CONSERVATION DIVISION Wichita, Kansas
		Helper <i>Bob</i>	
Bulktrk	<i>116</i>	Driver <i>KEITH</i>	
Bulktrk		Driver	

Common	<i>129</i>	<i>5.25</i>	<i>677.25</i>
Res Mix	<i>86</i>	<i>2.25</i>	<i>193.50</i>
Gel.	<i>13</i>	<i>6.75</i>	<i>87.75</i>
Chloride			
Quickset			
ION Flo Seal - 54 #	<i>54</i>	<i>1.00</i>	<i>54.00</i>
Handling	<i>215</i>	<i>1.00</i>	<i>215.00</i>
Mileage	<i>8</i>		<i>68.80</i>
Total			<i>1296.30</i>

**DEPTH of Job**

Reference:	<i>Pump take charge</i>	<i>380.00</i>
<i>8</i>	<i>mileage</i>	<i>16.00</i>
	<i>1 8 3/8 dry hole plug</i>	<i>80.00</i>
	<b>Sub Total</b>	
	<b>Total</b>	<i>416.00</i>

Floating Equipment	
<b>Total</b>	<i>\$ 1712.30</i>
<b>Disc</b>	<i>256.85</i>
<b>Total</b>	<i>\$ 1455.45</i>

**Remarks:**

<i>1st</i>	<i>50 AX - 1660'</i>
<i>2nd</i>	<i>80 AX - 900'</i>
<i>3rd</i>	<i>50 AX - 400'</i>
<i>4th</i>	<i>10 AX - 40'</i>
	<i>15 AX in rat hole</i>
	<i>10 AX in mouse hole.</i>

By Allied Cementing  
*Jayson Drilling*

*Thank you.*

(state)  
STEVE MIDDLETON ON LOC. SAW A/C

15-135-23635-00-00  
ORIGINAL

Phone 913-483-2627, Russell, Kansas  
Pho 316-793-5861, Great Bend, Kansas

Phone Plainville 913-434-2812  
Phone Ness City 913-798-3843

**ALLIED CEMENTING CO., INC.**  
Home Office P. O. Box 31  
Russell, Kansas 67665

2601

*NEW*

Date	12-10-91	Sec.	4	Fwp.	18	Range	24	Called Out	4:30 P.M.	On Location	7:00 P.M.	Job Start	9:00 P.M.	Finish	9:30 P.M.
Lease	POTTER	Well No.	#3	Location	Ness City, 4N, 4W, 8N, 6E			County	NESS	State	KS				

Contractor	Mallard		
Type Job	Surface		
Hole Size	12 1/4"	T.D.	263'
Csg.	8 5/8"	Depth	263'
Tbg. Size		Depth	
Drill Pipe		Depth	
Tool		Depth	
Cement Left in Csg.	15'	Shoe Joint	
Press Max.		Minimum	
Meas Line		Displace	16 bbls,
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	105 S. Broadway Suite 1040		
City	Wichita	State	Ks.
The above was done to satisfaction and supervision of owner agent or contractor.			

Purchase Order No. *[Signature]*  
**CEMENT**

Amount Ordered	160 SKS 60/40 390 CGG, 290 GGL
Consisting of	
Common	96 5.25 504.00
Poz. Mix	64 2.25 144.00
Gel.	3 6.75 NIC
Chloride	5 21.00 105.00
Quickset	

**EQUIPMENT**

Pumptrk	# 412	No.	Cementer	Tim
			Helper	Cary
Pumptrk		No.	Cementer	
			Helper	
Bulktrk	# 199		Driver	JACKS
Bulktrk			Driver	

Handling	160	RECEIVED	1.00	160.00
Mileage	8	STATE CORPORATION COMMISSION		51.20

FEB 13 1992  
CONSERVATION DIVISION  
Wichita, Kansas  
Total 964.20

**DEPTH of Job**

Reference:	Pumptrk Charge	380.00
8	Pumptrk Mileage	16.00
1	8 5/8 wooden Plug	42.00
	<del>8 5/8</del>	
	<del>100</del>	
	<del>100</del>	
	Total	438.00

Floating Equipment  
Total \$ 1402.20  
Disc - 210.33  
\$ 1191.87

Remarks: Cement Did Circulate  
*[Signature]*