

FORM MUST BE TYPED

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, Ste 1040
City/State/Zip: Wichita, KS 67202-4224
Purchaser: Texaco
Operator Contact Person: Shawn Devlin
Phone: (316) 262-2502
Contractor Name: Murfin Drilling Co
License: 30606
Wellsite Geologist: Robert Petersen
Designate Type of Completion
 New Well Re-Entry Workover
 Oil SWD SIOW Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, WSW, Expl., Cathodic, etc.)
If Workover/Re-Entry: old well info as follows:
Operator: _____
Well Name: _____
Comp. Date _____ Old Total Depth _____
_____ Deepening _____ Re-perf. _____ Conv. to Inj/SWD
_____ Plug Back _____ PBTB
_____ Commingled _____ Docket No. _____
_____ Dual Completion _____ Docket No. _____
_____ Other (SWD or Inj?) _____ Docket No. _____
_____ 8/5/98 _____ 8/9/98 _____ 8/20/98
Spud Date Date reached TD Completion Date

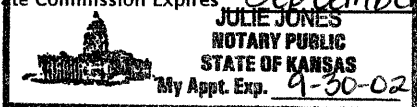
API NO. 15- 147-20,587,0000
County Phillips
NE NE NE _____ Sec 27 Twp 3 Rge 19 XW E
4950 Feet from S /N (circle one) Line of Section
330 Feet from E /W (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
NE SE NW or NE (circle one)
Lease Name Vogel Well # B 3-19
Field Name Stuttgart
Producing Formation LKC
Elevation: Ground 2106 KB 2111
Total Depth 3520 PBTB
Amount of Surface Pipe Set and Cemented at 219 Feet
Multiple Stage Cementing Collar Used? _____ Yes X No
If yes, show depth set _____ Feet
If Alternate II completion, cement circulated from 3519
feet depth to surface w/ 500 sx cmt

Drilling Fluid Management Plan A14.2, 2-1-99 U.C.
(Data must be collected from the Reserve Pit)
Chloride Content 2600 ppm Fluid volume 500 bbls
Dewatering method used Evaporate
Location of fluid disposal if hauled offsite:
RECEIVED
KANSAS CORPORATION COMMISSION
Operator Name _____ 1-22-99
JAN 22 1999
Lease Name _____ License No. _____
CONSERVATION DIVISION
_____ Quarter Sec. _____ Twp. WICHITA, KS Rng. _____ E/W
County _____ Docket No. _____

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market, 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 Vice President Date 1/22/99
Subscribed and sworn to before me this 22 day of January
19 99
Notary Public [Signature]
Date Commission Expires September 30, 2002



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

Operator Name Viking Resources, Inc.

Lease Name Vogel

Well # B 3-19

Sec 27 Twp 3 Rge 19

East

County Phillips

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 sheets if more space is needed. Attach copy of log.

Drill Stem Tests Taken (Attach Additional Sheets.) Yes No

Samples Sent to Geological Survey Yes No

Cores taken Yes No

Electric Log Run (Submit Copy) Yes No

List All E. Logs Run: Radiation Guard

Log Formation (Top), Depth and Datums Sample

Name	Top	Datum
Anhydrite	1630	481
Base Anhydrite	1656	455
Heebner	3225	-1114
Toronto	3250	-1139
Lansing	3226	-1155
BKC	3485	-1374

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#	219	60/40 Poz	145	2% gel, 3% cc
Production	7 7/8	4 1/2	10.5#	3519	60/40 Poz	500	Also 175 ASC 10% salt, 2% gel

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
Perforate				
Protect Casing	100	60/40 Poz	40	10% gel <i>Top off</i>
Plug Back TD				
Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
4	3461-64	250 28% NE	
4	3436-39	250 28% NE	
4	3342-45	250 28% NE	
4	3304-07	250 28% NE	

TUBING RECORD		Size	Set At	Packer At	Liner Run	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
		2 3/8	3447			
Date of First, Resumed Production, SWD or Inj		Producing Method				
8/25/98		<input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)				
Estimated Production Oil Per 24 Hours	Bbls	Gas	Mcf	Water	Bbls	Gas-Oil Ratio
15				20		Gravity 35

Disposition of Gas

METHOD OF COMPLETION

Production Interval

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

Open Hole Perf. Dually Comp Commingled Other (Specify)

3436-39

3304-07

ORIGINAL

ALLIED CEMENTING CO., INC.

3364

Federal Tax I.D. # 38-0707060

REMIT TO P.O. BOX 31 RUSSELL, KANSAS 67665

SERVICE POINT:

Russell

DATE 8-4-98 SEC. 27 TWP. 3 RANGE 19 CALLED OUT 4:30 PM ON LOCATION 2:15 PM JOB START 11:30 AM JOB FINISH 12:00 AM LEASE VOGEL WELL# 1 LOCATION Speed (on W 1/4 S 1/2 W) COUNTY PHILLIPS STATE KANSAS OLD OR NEW (Circle one)

CONTRACTOR MURFIN DRIG. Rig# TYPE OF JOB SURFACE HOLE SIZE 12 1/4 T.D. 219 CASING SIZE 8 5/8 # DEPTH 219 TUBING SIZE DEPTH DRILL PIPE DEPTH TOOL DEPTH PRES. MAX MINIMUM MEAS. LINE SHOE JOINT CEMENT LEFT IN CSG. 15' PERFS. DISPLACEMENT 13 / BBL EQUIPMENT

OWNER Sarma CEMENT AMOUNT ORDERED 145 SK 69% 2% GEL 3% CC

Table with 3 columns: Material Name, Quantity, Price. Includes rows for COMMON (87 @ 6.35), POZMIX (58 @ 3.25), GEL (3 @ 9.50), CHLORIDE (5 @ 28.00), HANDLING (@ 1.05), MILEAGE (4 1/2 SH / Mile).

PUMP TRUCK CEMENTER Al HELPER Will BULK TRUCK # 213 DRIVER Dave BULK TRUCK DRIVER

RECEIVED KANSAS CORPORATION COMMISSION

TOTAL

FEB 01 1999

REMARKS:

SERVICE

Cement CIRCULATED THANK'S

CONSERVATION DIVISION WICHITA, KS

DEPTH OF JOB PUMP TRUCK CHARGE EXTRA FOOTAGE @ MILEAGE 70 @ 2.50 PLUG 8 5/8 WOODEN @

TOTAL

CHARGE TO: VIKING RESOURCES STREET 105 S Broadway # 1000 CITY Wichita STATE Kansas ZIP 67202

FLOAT EQUIPMENT

Table with 2 columns: Equipment Name, Price. Includes rows for @, @, @, @, @.

TOTAL

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 is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side.

TAX TOTAL CHARGE DISCOUNT IF PAID IN 30 DAYS

SIGNATURE Keith Van Buren

PRINTED NAME

FEB 01 1999

CONSERVATION DIVISION
WICHITA, KS

ALLIED CEMENTING CO., INC.

2812

Federal Tax I.D. # 48-0000000

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT: R

DATE <u>8-9-98</u>	SEC. <u>27</u>	TWP. <u>35</u>	RANGE <u>14W</u>	CALLED OUT	ON LOCATION	JOB START <u>3:00 PM</u>	JOB FINISH <u>4:15 PM</u>
LEASE <u>Vogel</u>	WELL # <u>1</u>	LOCATION <u>Speed 6NW 1/4 4w 1/4 N</u>	COUNTY <u>Phillips</u>	STATE <u>Ks</u>			
OLD OR NEW (Circle one)							

CONTRACTOR Martin Dalg Rig 3

TYPE OF JOB prod string

HOLE SIZE 7 7/8 T.D. 3520

CASING SIZE 4 1/2 DEPTH 3519

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT 19

CEMENT LEFT IN CSG. 19

PERFS.

DISPLACEMENT 56

OWNER Same

CEMENT

AMOUNT ORDERED 175 ASC 10% salt 2% gel
500 60/10 Lite 1/4 # 3 sand

COMMON	@	
POZMIX	@	
GEL	3	@ 9.50
CHLORIDE	@	
ASC -	175	@ 8.20
Lite -	500	@ 5.50
Sand	16	@ 7.10
3 sand	125#	@ 1.15
HANDLING	@	1.05
MILEAGE	<u>44/30</u>	/ mile

EQUIPMENT

345 Dave

PUMP TRUCK CEMENTER Well

254 HELPER

BULK TRUCK Bill

282 DRIVER Gerald

BULK TRUCK

160 DRIVER paul

REMARKS:

plug Rath hole w/ 15 sk

Command Circulated withins By
Kelly Wilson prod man
Dave Fuel Tool pusher
Cementor

SERVICE

DEPTH OF JOB

PUMP TRUCK CHARGE

EXTRA FOOTAGE @

MILEAGE 70 @ 2.85

PLUG 4 1/2 Rubber @

CHARGE TO: Viking Resources

STREET 105 S. Broadway # 1050

CITY Wichita STATE Kansas ZIP 67202

4 1/2 FLOAT EQUIPMENT

1 Guide shoe @

1 AF 1/2 Insert @

3 Baskets @ 129.00

8 # 20 Centrifuges @ 53.00

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SIGNATURE [Signature]

TOTAL

TAX

TOTAL CHARGE

DISCOUNT IF PAID IN 30 DAYS

SIGNATURE [Signature]

PRINTED NAME Geely Richardson

FEB 01 1999

ORIGINAL

CONSERVATION DIVISION
WICHITA, KS

ALLIED CEMENTING CO., INC.

2815

Federal Tax I.D. # [REDACTED]

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT: R

DATE <u>8-12-98</u>	SEC.	TWP.	RANGE	CALLED OUT	ON LOCATION	JOB START	JOB FINISH
LEASE <u>Legal</u>	WELL# <u>1</u>	LOCATION <u>Speed 6 N 1 W 4 S 4 W 1 N</u>			COUNTY <u>Phillips</u>	STATE <u>Ks</u>	<u>1:45pm</u>
OLD OR NEW (Circle one)							

CONTRACTOR	OWNER <u>Same</u>
TYPE OF JOB	
HOLE SIZE	T.D.
CASING SIZE	DEPTH
TUBING SIZE	DEPTH
DRILL PIPE	DEPTH
TOOL	DEPTH
PRES. MAX	MINIMUM
MEAS. LINE	SHOE JOINT
CEMENT LEFT IN CSG.	
PERFS.	
DISPLACEMENT	
EQUIPMENT	
<u>153</u> PUMP TRUCK #	CEMENTER <u>Dave</u>
	HELPER <u>Paul</u>
BULK TRUCK #	DRIVER
BULK TRUCK # <u>254</u>	DRIVER <u>Jerald</u>
CEMENT	
AMOUNT ORDERED <u>40</u>	<u>40 10% gel</u>
COMMON <u>2A</u>	@ <u>6.35</u>
POZMIX <u>16</u>	@ <u>3.25</u>
GEL <u>3</u>	@ <u>9.50</u>
CHLORIDE	@
	@
	@
	@
	@
	@
	@
HANDLING	@ <u>1.95</u>
MILEAGE <u>24 Sk / Mid</u>	
TOTAL	

REMARKS:
pumped sk down 8 1/2
1" till pressured to 100 psi & shut
IN.

SERVICE	
DEPTH OF JOB	
PUMP TRUCK CHARGE	
EXTRA FOOTAGE	@
MILEAGE	@
PLUG	@
	@
	@
TOTAL	

CHARGE TO: Viking Resources
 STREET 105 S Broadway # 1000
 CITY Wichita STATE Kansas ZIP 67202

FLOAT EQUIPMENT	
	@
	@
	@
	@
	@
TOTAL	

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TAX _____
 TOTAL CHARGE _____
 DISCOUNT _____ IF PAID IN 30 DAYS

SIGNATURE _____

PRINTED NAME _____