

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: NCRA

Operator Contact Person: Shawn Devlin

Phone: (316) 262-2502

Contractor: Name: Mallard JV, Inc

License: 4958

Wellsite Geologist: Rob Patton

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 PBDT

Commingled Docket No. _____

Dual Completion Docket No. _____

Other (SWD or Inj?) Docket No. _____

7/9/93 7/15/93 7/31/93
Spud Date Date reached TD Completion Date

API NO. 15- 101-21,652 -00-00 ORIGINAL

County Lane

100' N NW SE Sec 30 Twp 17 Rge 30 XW

2080 Feet from /N (circle one) Line of Section

2080 Feet from /W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
NE NW or NE (circle one)

Lease Name Cramer Well # #1 Twin

Field Name unknown

Producing Formation LKC

Elevation: Ground 2892 KB 2897

Total Depth 4401 PBDT 4401

Amount of Surface Pipe Set and Cemented at 213.3 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set 2259 Feet

If Alternate II completion, cement circulated from 2259

feet depth to surf w/ 390 5x cmt

Drilling Fluid Management Plan ALT II DFW
(Data must be collected from the Reserve Pit) 4-23-96

Chloride Content 10000 ppm Fluid volume 180 bbls

Dewatering method used Evaporate

Location of fluid disposal if hauled offsite:
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Operator Name _____
APR 22 1996

Lease Name _____ License No. _____
CONSERVATION DIVISION
WICHITA, KS

Quarter Sec. _____ Twp. _____ S Rng. _____ /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 Shawn P. Devlin

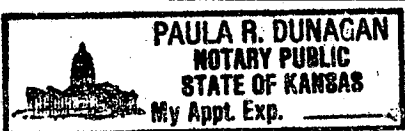
Title Vice President Date 4/22/96

Subscribed and sworn to before me this 22ND day of APRIL

19 96

Notary Public Paula R. Dunagan

Date Commission Expires March 2, 1997



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)

ORIGINAL

SIDE TWO

Operator Name Viking Resources, Inc. Lease Name Cramer Well # #1 Twin
County Lane
Sec 30 Twp 17 Rge 30
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 sheets if more space is needed. Attach copy of log.

Drill Stem Tests Taken Yes No
Samples Sent to Geological Survey Yes No
Cores taken Yes No
Electric Log Run Yes No
List All E. Logs Run: Gamma Neutron

Table with columns: Log, Formation (Top), Depth and Datums, Sample. Rows include Anhydrite, B Anhydrite, Heebner, Lansing, Stark, Hushpuckney with corresponding depths and datums.

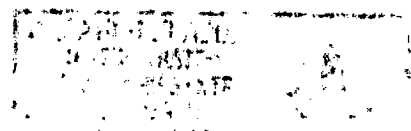
CASING RECORD table with columns: Purpose of String, Size Hole Drilled, Size Casing Set (In O.D.), Weight Lbs/Ft, Setting Depth, Type of Cement, # Sacks Used, Type and Percent Additives. Rows for Surface and Production.

ADDITIONAL CEMENTING/SQUEEZE RECORD table with columns: Purpose, Depth Top Bottom, Type of Cement, #Sacks Used, Type and Percent Additives. Rows for Perforate, Protect Casing, Plug Back TD, Plug Off Zone.

PERFORATION RECORD table with columns: Shots Per Foot, Specify Footage of Each Interval Perforated, Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used, Depth). Rows for intervals 3959-3962, 4101-4104, 4246-4248, 4008-4011.

TUBING RECORD table with columns: Date of First, Resumed Production, SWD or Inj, Producing Method, Estimated Production Oil Per 24 Hours, Gas, Mcf, Water, Bbls, Gas-Oil Ratio, Gravity. Includes details for 8/5/93 and 15 Bbls.

Disposition of Gas: Vented, Sold, Used on Lease. METHOD OF COMPLETION: Open Hole, Perf., Dually Comp, Commingled, Other. Production Interval: 4008-4011.



Phone 913-483-2627, Russell, Kansas
 Phone 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

1136
ORIGINAL

New

Date 8-1-93	Sec. 30	Twp. 17S	Range 30W	Called Out 06:00	On Location 09:00	Job Start 12:30	Finish 3:15 PM
Lease Cramer Truss	Well No. 1	Location Healey 2 1/2 W 2 1/2 S W 17th		County Lane	State Ks.		
Contractor Pauls Well Serv.				Owner Same			
Type Job Pact Collar				To Allied Cementing Co., Inc. You are hereby requested to rent cementing equipment and furnish cement and helper to assist owner or contractor to do work as listed.			
Hole Size 7 7/8	I.D. 4400'			Charge To Viking Resources, Inc.			
Csg. 4 1/2"	Depth 4395'			Street 105 S. Broadway Suite 1040			
Tbg. Size	Depth			City Wichita State Ks. 67202			
Bottom Reg BP	Depth 3830'			The above was done to satisfaction and supervision of owner agent or contractor.			
Tool Baker Pact Collar	Depth 2259' ✓			Purchase Order No.			
Cement Left in Csg.	Shoe Joint			X [Signature]			
Press Max. 1500	Minimum			Amount Ordered 450 6% 6% Gel 1/4" Floresal			
Meas Line	Displace			Consisting of			
Perf.				Common 234 5.25			

EQUIPMENT

No.	Cementer	Gary
Pumptrk 224	Helper	Mike
No.	Cementer	Ben
Pumptrk	Helper	
	Driver	Bill
Bulktrk 199	Driver	

Handling 450	1.00	
Mileage 45		
Total \$		
Disc-		
Total		

DEPTH of Job

Reference: **Pump Truck** **45 Mileage**

Remarks: **Load hole, a test plug OK. Spun gel, open tool, air displaced cement. Run 3jcs reverse and run by me RBP causes out sand. Cement circulated. ✓**

[Signature]

Floating Equipment

Witness: **[Signature]**

Witness: **[Signature]**

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CONSERVATION DIVISION
 WICHITA, KS

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Phone 913-483-2627, Russell, Kansas
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Phone Ness City 913-798-3843

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

1180

New

Date <u>7/19/93</u>	Sec. <u>30</u>	Twp. <u>17S</u>	Range <u>39W</u>	Called Out <u>9 PM</u>	On Location <u>12 AM</u>	Job Start <u>1:45</u>	Finish <u>2:15</u>
Lease <u>Cramer Trj</u>	Well No. <u>1</u>	Healy Location <u>2 1/2 W 2 1/2 S WTS into</u>		County <u>Lane</u>		State <u>Ks</u>	
Contractor <u>Mallard</u>				Owner <u>Same</u>			
Type Job <u>Surface</u>				To Allied Cementing Co., Inc. You are hereby requested to rent cementing equipment and furnish cement and helper to assist owner or contractor to do work as listed.			
Hole Size <u>12 1/4</u>		T.D. <u>213</u>					
Cg. <u>8 5/8</u>		Depth <u>213</u>					
Tbg. Size		Depth					
Drill Pipe		Depth					
Tool		Depth					
Cement Left in Cg. <u>15'</u>		Shoe Joint					
Press Max.		Minimum					
Meas Line		Displace					
Perf.							

EQUIPMENT

No.	Cementer	Helper	Driver
Pumptrk <u>224</u>	<u>Gary</u>	<u>Keith</u>	
Pumptrk			<u>Gary</u>
Bulktrk <u>116</u>			
Bulktrk			

DEPTH of Job

Reference:	<u>Pump Truck</u>	
	<u>45 Mileage</u>	
	<u>8 5/8" TWP</u>	
		<u>Total</u>

Charge To Viking Resources
Street 105 S. Broadway Suite 1040
City Wichita State Ks
The above was done to satisfaction and supervision of owner agent or contractor. 67205

Purchase Order No.
Jim Mck

CEMENT

Amount Ordered	<u>135 6/40 2% Gel 3% CC</u>	<input checked="" type="checkbox"/>
Consisting of		
Common	<u>81</u>	<u>5.75</u>
Poz. Mix	<u>54</u>	<u>3.00</u>
Gel.	<u>3</u>	<u>7.00</u>
Chloride	<u>4</u>	<u>25.00</u>
Quickset		
Handling	<u>135</u>	<u>1.00</u>
Mileage	<u>45</u>	
Total		

Floating Equipment
Total \$ [REDACTED]
Disc- [REDACTED]
\$ [REDACTED]

Remarks: Cement circulated.

Thank you!
Vand. Head

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WICHITA, KS

Phone 913-483-2627, Russell, Kansas
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Phone Plainville 913-434-2812
 Phone Ness City 913-798-3843

ORIGINAL

ALLIED CEMENTING CO., INC.

1182

Home Office P. O. Box 31 Russell, Kansas 67665

New

Date 7-15-93	Sec. 30	Twp. 17S	Range 30W	Called Out 1 PM	On Location 3:30	Job Start 9 PM	Finish 9:45
Lease Cramer Twin	Well No. 1	Location Healy 2 1/2 W 2 1/2 S W into		County Lane	State Ks.		
Contractor Mallard				Owner Sore			
Type Job Long String				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 7 7/8	T.D. 4400						
Csg. 4 1/2" 9.5+10.5	Depth 4395'						
Tbg. Size	Depth						
Drill Pipe	Depth						
Tool	Depth						
Cement Left in Csg.	Shoe Joint 32.56'						
Press Max. 1200	Minimum						
Meas Line	Displace 69.						
Perf.							

EQUIPMENT

No.	Cementer	Helper
Pumptrk 224	Gary	Keith
No.	Cementer	Helper
Pumptrk		
	Driver	Bob B.
Bulktrk 116		
Bulktrk 69	Driver	Kent

Charge To **Viking Resources**
 Street **105 S. Broadway #1040**
 City **Wichita** State **Ks 67202**
 The above was done to satisfaction and supervision of owner agent or contractor.
 Purchase Order No. **[Signature]**
 X **[Signature]**

500 gal Mud Sump CEMENT

Amount Ordered **75 gal 1/2 lb gal, 150 Gal 1.7% RA-29 5# Gilmire**

Consisting of	Amount	Price	Total
Common 199 gal		5.75	[Redacted]
Poz. Mix 26 gal		3.00	[Redacted]
Gel. 5 gal		7.00	[Redacted]
Chloride BA-29 240#		10.24	[Redacted]
Quikrete CONSOLITE 750#		.39	[Redacted]
MVA SUREP SUDGAL		1.80	[Redacted]

DEPTH of Job

Reference:	Pump Truck	[Redacted]
175	Mileage NC	2.25
	4 1/2" TRP Rot Head	[Redacted]
	Sub Total	[Redacted]
	Tax	[Redacted]
	Total	[Redacted]

Handling 225	1.00	[Redacted]
Mileage 175		[Redacted]
	Sub Total	[Redacted]
	Total	[Redacted]

Remarks: **Pump flush, mix + pump lead cement, mix + pump tail cement. Wash-up, displace. Float**
Hand P.D.P 9:45 PM
Thank you
[Signature]

Floating Equipment

TOTAL **[Redacted]**
1855 **[Redacted]**
\$ [Redacted]

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 WICHITA, KS