

15-109-20510-00-00

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

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 11-1-1991

Oil SWD Temp. Abd. 1 1991

Gas Inj Delayed Comp.

Dry Other (Core, Water Supply, etc.)

If OWO: old well info as follows:

Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

Drilling Method:

Mud Rotary Air Rotary Cable

5-14-91 5-20-91

Spud Date Date Reached TD Completion Date

API NO. 15- 109-20,510-00-00

County Logan

C E/2 Sec. 8 Twp. 11 Rge. 33 East West

2640 Ft. North from Southeast Corner of Section

1320 Ft. West from Southeast Corner of Section

(NOTE: Locate well in section plat below.)

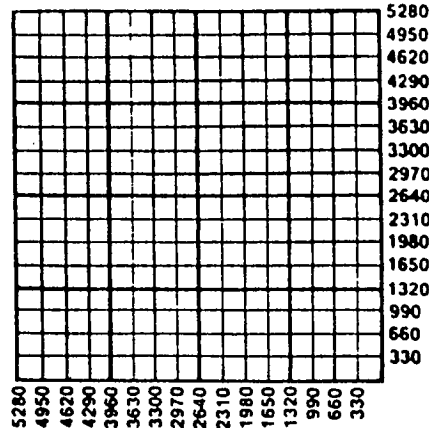
Lease Name Wiens Well # 1

Field Name WC

Producing Formation _____

Elevation: Ground 3158 KB 3166

Total Depth 4710 PBTD _____



Air II D+0

Amount of Surface Pipe Set and Cemented at 267' @ 272' 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.

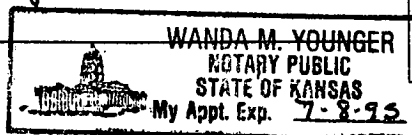
Signature James B. Devlin

Title President Date 10-31-91

Subscribed and sworn to before me this 31 day of October, 1991.

Notary Public Wanda M. Younger

Date Commission Expires 7-8-95



K.C.C. OFFICE USE ONLY

F Letter of Confidentiality Attached

C Wireline Log Received

C Drillers TimeLog Received

Distribution

KCC SWD/Rep NGPA

KGS Plug Other (Specify)

SIDE TWO

Operator Name Viking Resources, Inc. Lease Name Wiens Well # 1
 Sec. 8 Twp. 11 Rge. 33 East West
 County Logan

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.)

DST #1 K Zone 4338-4380, 528' SW W/Show oil
 SIP: 1343-1324, FP: 67-192/240-278
 HP: 2276-2267#

Formation Description		
Name	Top	Bottom
Anhydrite	2652 (+514)	
Heebner	4072 (-906)	
Lansing	4113 (-947)	
Stark	4338 (-1172)	
Ft. Scott	4595 (-1429)	
RTD	4710 (-1544)	

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# x 267'	272'	60/40 pozmix	175	2% gel, 3% cc

Shots Per Foot	PERFORATION RECORD 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 <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 _____

15-109-20510-00-00

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

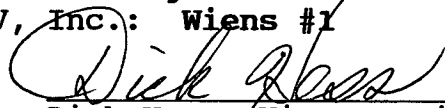
OPERATOR: Viking Resources, Inc. 105 S. Broadway, Suite 1040 Wichita, KS 67202	WELL: Wiens #1 API #: 15-109-20,510
COMMENCED: May 13, 1991	LOCATION: C E/2
COMPLETED: May 20, 1991	2640 FT. FSL, 1320 FT. FSL
TOTAL DEPTH: 4710 FT.	SEC. 8 TWP. 11 RGE. 33 W
ELEVATION: 3158 FT. GL, 3166 FT. KB	COUNTY: Logan

STATUS: D & A - Mississippi Formation	
Size Hole Drilled:	12-1/4" x 280'
Surface Casing:	8-5/8" x 20# x 267.95' (6 jts.)
Set At:	272'
Cement:	175 sacks 60/40 Pozmix, 2% gel, 3% cc
P.D.:	1:15 a.m. 5/14/91
Size Hole Drilled:	7-7/8" x 4710'
Plugged Hole With:	25 sacks @ 2670'
	100 sacks @ 1660'
	40 sacks @ 280'
	10 sacks @ 40'
	15 sacks rathole
	10 sacks mousehole
	200 sacks total - 60/40 Poz, 6% gel, 1/4# floseal/sk
P.D.:	6:30 p.m. 5/20/91
Drill Stem Tests:	1 Electric Log: None

RECEIVED
 STATE CORPORATION COMMISSION
11-4-1991
NOV 4 1991
 CONSERVATION DIVISION
 Wichita, Kansas

... CERTIFICATE ...

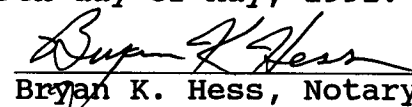
Dick Hess, Vice-President of Mallard JV, Inc., hereby certifies that this is a true and correct copy of the log of the following well, as reflected by the files of Mallard JV, Inc.: Wiens #1


 Dick Hess, Vice-President

STATE OF KANSAS)
 COUNTY OF McPHERSON) ss.

Subscribed and sworn to before me this 29th day of May, 1991.




 Bryan K. Hess, Notary Public

Phone 913-483-2627, Russell, Kansas

Phone Plainville 913-434-2812

Phone 316-793-5861, Great Bend, Kansas

15-109-20510-00-00

Phone Ness City 913-798-3843

NEW

ALLIED CEMENTING CO., INC.

No 2112

Home Office P. O. Box 31

Russell, Kansas 67665

ORIGINAL

Date	5-13-91	Sec.	8	Twp.	11	Range	33	Called Out	7:00 PM	On Location	10:30 PM	Job Start	12:45 AM	Finish	1:15 AM	
Lease	Wiens	Well No.	#1	Location				MONMOUNT	County	LOGAN	State	KANSAS				
Contractor	Mallard Joint Ventures Inc. R91											Owner	SAMP			
Type Job	Surface															
Hole Size	12 1/4"				T.D.	280'										
Csg.	8 3/8"				Depth	277'										
Tbg. Size					Depth											
Drill Pipe					Depth											
Tool					Depth											
Cement Left in Csg.	15'				Shoe Joint											
Press Max.					Minimum											
Meas Line					Displace											
Perf.																

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 **KANSAS**

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

Purchase Order No. *[Signature]*
CEMENT

EQUIPMENT

#153 No.	Cementor	M Kaufman
Pumptrk	Helper	Gerald K.
No.	Cementor	
Pumptrk	Helper	
#160	Driver	Paul D.
Bulktrk	Driver	

Amount Ordered	175 SKS 60/40 Poz 3 7/8" 2 1/2" bel		
Consisting of			
Common	105 @	6 1/2	640 50
Poz. Mix	70 @	2 1/2	168 00
Gel.	53 @	N/C	N/C
Chloride	5 @	21 00	105 00
Quickset			
Handling	100 00		175 00
Mileage	4¢ / SK / MILE		70 00
10			
Sub Total			1158 50
Total			1158 50

DEPTH of Job		
Reference:		
#	PUMP TAX	380 00
	1-8 3/8" Plug	42 00
	2 00 PER MILE	20 00
	Sub Total	
	Tax	
	Total	442 00

Remarks:
Cement Circulated

Floating Equipment

[Signature]

NOV 1 1991

CONSERVATION DIVISION
Wichita, Kansas

one 913-483-2627, Russell, Kansas

Phone Plainville 913-434-2812

one 316-793-5861, Great Bend, Kansas

15-109-20510-00-00

Phone Ness City 913-798-3843

ALLIED CEMENTING CO., INC.

No 2187

ORIGINAL

Home Office P. O. Box 31

Russell, Kansas 67665

New

Date	5-20-91	Sec.	8	Twp.	11	Range	33	Called Out		On Location		Job Start	4:15 PM	Finish	6:30 PM
Lease	Wiens	Well No.	1	Location	Monument 1E 4N 4W			County	Logan	State	Ks				
Contractor	Mallard Dr 19														
Type Job	plug														
Hole Size	7 7/8		T.D.	4710											
Csg.			Depth												
Tbg. Size			Depth												
Drill Pipe			Depth												
Tool			Depth												
Cement Left in Csg.			Shoe Joint												
Press Max.			Minimum												
Meas Line			Displace												
Perf.															

Owner
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 #1040*
Street *Broadway Plaza Bldg, 105 S. Broadway*
City *Wichita* State *Kan 67202*
The above was done to satisfaction and supervision of owner agent or contractor.

Purchase Order No.
X *Mallard Dr*

CEMENT

Amount Ordered	<i>2000 6/8 gal 4/8 mouse</i>		
Consisting of			
Common	<i>120</i>	<i>SKs 23.25</i>	<i>630.00</i>
Poz. Mix	<i>80</i>	<i>SKs 22.25</i>	<i>180.00</i>
Gel.	<i>7</i>	<i>SKs 6.75</i>	<i>47.25</i>
Chloride			
Quickset			
	<i>50 lbs Flo-Seal</i>	<i>2.00</i>	<i>50.00</i>

EQUIPMENT

Pumptrk	No.	Cementor	<i>Dave</i>
	<i>153</i>	Helper	
Pumptrk	No.	Cementor	<i>Jason</i>
		Helper	
Bulktrk	<i>160</i>	Driver	
Bulktrk		Driver	

Handling	<i>1.00 per SK</i>	<i>200.00</i>
Mileage	<i>4¢ per SK/mile</i>	<i>72.00</i>
	<i>9 miles</i>	
Sub Total		
Total		<i>1,179.25</i>

DEPTH of Job		
Reference:	<i>PUMP trk chg</i>	<i>380.00</i>
	<i>2.00 per mile</i>	<i>18.00</i>
	<i>plug</i>	<i>21.00</i>
	Sub Total	
	Tax	
	Total	<i>419.00</i>

Remarks:
25 sk @ 2670
100 sk @ 1660
40 sk @ 280
10 @ 40 wk plug
15 Rathole 10 mouse hole

RECEIVED
 NOV 1 1991

SALES DIVISION
 Kansas