15-109-20510-00-00

SIDE ONE

STATE CORPORATION COMMISSION OF KANSAS OIL & GAS CONSERVATION DIVISION WELL COMPLETION FORM	P	API NO. 15- 109-20,510 - 00-00		
ACO-1 WELL HISTORY DESCRIPTION OF WELL AND LEASE			Twp. 11 Rge.	33 X West
Operator: License # 5011	2640		th from Southeast	Corner of Section
Name: Viking Resources, Inc.	1320	/ Ft. Wes	t from Southeast C	
Address 105 S. Broadway, Suite #1040		(RUIE:	Locate well in sec	•
Wighte VC C7909 4994	Field Name _	WC		
City/State/Zip Wichita, KS 67202-4224		ormation		
Purchaser:	Elevation:		KB	
Phone (_316) 262-2502	Total Depth	4710	PBTD _	280
Contractor: Name:Mallard_JV, Inc	-		49	950 620 290
Wellsite Geologist: Robert C. Patton			┞╶┞╶┞ ╶┞┈╏	630 300
Designate Type of Completion Y New Well Re-Entry Workover // -	1-1991		22	970 640 310 980 650
Oil SWD Temp. Abd. Gas Inj Delayed Comp. X Dry Other (Core, Water Supply, etc.	Sean San		1:	320 90 60
If OUNO : old well info as follows: Operator:	1	25.28 25.28 25.28 25.28 25.29 25.20		AITI DY
Well Name:	Amount of Su	urface Pipe Set a	nd Cemented at 2	<u>67' @ 272</u> 'Fee
Comp. Date Old Total Depth	_ Multiple Sta	age Cementing Col	lar Used?	Yes N
Drilling Method: Air Rotary Cable		· ——	cement circulated	
5-14-91 5-20-91 Spud Date Date Reached TD Completion Date		,	w/	
INSTRUCTIONS: This form shall be completed in triplicate Derby Building, Wichita, Kansas 67202, within 120 ds 82-3-106 apply. Information on side two of this form will writing and submitted with the form. See rule 82-wireline logs and drillers time log shall be attached with form with all plugged wells. Submit CP-111 form with conversion of a well requires filing of ACO-2 within 120	ays of the spud onlice of the held confidence of the second of the secon	date of any well. dential for a per dentiality in exc LL CEMENTING TICK y abandoned wells	Rule 82-3-130, iod of 12 months i ess of 12 months. ETS MUST BE ATTACH . Any recompleti	, 82-3-107 and if requested in One copy of all HED. Submit CP-4
All requirements of the statutes, rules and regulations pro with and the statements herein are complete and correct to			as industry have b	een fully complie
Signature ams B. Deulin		1	.C. OFFICE USE ON	
	10.31-91	C Wire	er of Confidential line Log Received lers Timelog Recei	
Subscribed and sworth to before me this 31 day of 0	ctober,	<u>√</u> KCC	DistributionSWD/Rep	NGPA
Notary Public Wanda M. Younger		KGS	Plug	Other (Specify)
	NDA M. YOUNGE NOTARY PUBLIC STATE OF KANSAS	TARY PUBLIC		
- TONITE MY A	ppt. Exp. 7-8-9	5	Form ACO-1 (7-89)	

SIDE THO

	ring Resour	203, 1110	,	Lease Name	wiens	 	Well #	
		☐ East		County	Logan			
ес. <u>8</u> Тыр. <u>11</u>	_ Rge <u>33</u>	X West		.*				
STRUCTIONS: Show terval tested, tim drostatic pressures more space is need	e tool open a s, bottom hole	nd closed, temperature	flowing a fluid re	and shut-in pres	sures, wheth	er shut-in	pressure rea	ched static leve
ill Stem Tests Take		X Yes	□ No			Formation D	escription	• • • • • • • • • • • • • • • • • • • •
amples Sent to Geold	•	Yes	□ No			Log	X Sample	
res Taken		Yes	⊠ _{No}	Name		Тор	Bott	tom
ectric Log Run (Submit Copy.) F #1 K Zone 43: 1343-1324, F 2276-2267#				dil Hee Sta	Scott	407 411 433 459	52 (+514) 72 (<u>-</u> 906) 13 (-947) 18 (-1172) 10 (-1429) 10 (-1544)	
urpose of String	Size Hole	ll strings Size C	asing	tor, surface, i	Setting	Туре о	f # Sacks	Type and Percer
surface	Drilled . 12 1/4	8 5/	8"	Lbs./ft. 20# x 267'	272'	60/40 pc	Used Ozmix 175	Additives 2% gel, 3%
								-
	-	i——	1					
Shots Per Foot	PERFORATION Specify Foota		Interval P	Perforated			ot, Cement Sc terial Used)	queeze Record Depth
Shots Per Foot			Interval P	Perforated				
				Perforated Packer At			terial Used)	
UBING RECORD	Specify Foota	ge of Each	Nt.	Packer At	Liner Run	d Kind of Ma	No	
UBING RECORD	Size ction Produci	ge of Each	Nt.		Liner Run	Yes	No	
uBING RECORD ate of First Production stimated Production Per 24 Hours	Size ction Produci	ge of Each Set A	It Flowing Gas	Packer At	Liner Run	Yes	No No Dil Ratio	Depth
UBING RECORD ate of First Production	Size Size Ction Producion Dil	Set A	Flowing Gas ME Open	Packer At Pumping G Mcf Wate	Liner Run as Lift () T 8bls.	Yes Other (Expla	No No Dil Ratio	Gravity Production Interv

15-109-20510-00-00

MALLARD JV, INC. P. O. BOX 1009 McPHERSON, KS 67460

DRILLERS LOG

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

RECEIVED

STATE CORPORATION COMMISSION

11-4-1991

NOV 4 1991

CONSERVATION DIVISION

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 its.)

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'

25 sacks @ 2670' Plugged Hole With:

100 sacks @ 1660'

40 sacks @ 280'

10 sacks @ 15 sacks rathole

10 sacks mousehole

Miching 1 . 1 228 200 sacks total - 60/40 Poz, 6% gel, %# floseal/sk

P.D.: 6:30 p.m. 5/20/91

Drill Stem Tests: 1 Electric Log: None

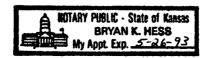
--- CERTIFICATE ---

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

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



Hess, Notary Public

Phone 316-793-5861, Great Bend, Kansas

15-109-20510-00-00

Phone Ness City 913-798-3843

ENTING CO., IN Russell, Kensas 67665

Nº

Date 5-13-91 8 11 33 7:00	alled Out On Location Job Start Finish On Mark 12 45 AM 1: 15 AM
Lease W. P. Well No. # Location MON	MOUNTEEN GO LO PAN KANSOS
Contractor Mallard Join Ventures INC R. 9/	Owner SAMP
Type Job Surface	To Allied Cementing Co., Inc. You are hereby requested to rent cementing equipment and furnish
Hole Size 12 4" T.D. 280"	cementer and helper to assist owner or contractor to do work as listed-
Csg. 85" Depth 377	To VIKING RESOURCES INC
The Size Depth of the Control of the	Street Broadway Plaza BIZa 105 S. Repoduray 1040
Drill Pipe Depth	City WICHITA State KANRAS
Tool should be suited by the Depth Matter to the the	The above was done to satisfaction and supervision of owner agent or contractor.
Cement Left in Csg. /5 Shoe Joint	Purchase Order No.
Press Max. Minimum Minimum	* To Klauda
Meas Line Displace	CEMENT
Perf. of the control	Amount 175 SKS GO/MO Paz 3 9x 28/21
EQUIPMENT	Ordered / 5 SKS 60/40 Poz 3/6 2666
12/53 No. Cementer 01 / 2.4 P. 4/24	Common 105 0 640 640 50
The state of the s	Poz. Mix 700 240 168 00
Pumptrk Helper Gerald K	Gel. 30 VIC
No. Cementer	- Chloride 5 0 21 00 10500
Pumptrk Helper	Quickset
#160 Driver Paul D	reserved.
Bulktrk	S.I. T.
Bulktrk Driver	Sales Tax
	Handling 175°
DEPTH of Job	Mileage AC SK MILE 70 SE
Reference: PUMP Tok 38000	Sub Total
1-88 Plug	
when the ten Mile in the contraction of the contrac	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Sub Total	Floating Equipment
Total 442 =	arether grant of the control of the
Remarks:	
LEMENT Circulated	
A Company of the Comp	11-1-1991
	NOV 1 1991
	CONSERVATION DIVISION WITHOUT METERS
	Patients

one 913-483-2627, Russell, Kansas

une 316-793-5861, Great Bend, Kansas / 15-109 - 20510 - 00 - 00

Phone Plainville 913-434-2812

Phone Ness City 913-798-3843

ALLIED CEMENTING CO., INC.

Nº 2187

Date 5 20 9 8 33 Lesse Wiens Well No. / Location Monatural /E 4N 4W County State Contractor Molared Dr / 9 Type Job Dr. 9 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. Cag. Depth The Size Depth Drill Pipe Depth Tool Depth City Wichte State Co. 1202 The above was done to satisfaction and supervision of owner agent or contractor. Press Max. Minimum Meas Line Displace EQUIPMENT EQUIPMENT Consisting of	1 RW				
Leave WIEWS Well No. / Location MONIMACA IT IN IN I Commy Conserved Mallared Or I g Conserved Mallared Or I g To Allied Cencenting Co. Inc. You shall develop the saint owner or contractor to do work as litted. You have beerby requested to reast contractor to do work as litted. You have beerby requested to reast contractor to do work as litted. You have beerby requested to reast contractor to do work as litted. You have beerby requested to reast contractor to do work as litted. You have beerby requested to reast contractor to do work as litted. You have beerby requested to reast contractors to do work as litted. You have beerby requested to reast contractors to do work as litted. You have beerby requested to reast contractors to do work as litted. You have beerby requested to reast contractors to do work as litted. You have beerby requested to reast contractors to do work as litted. You have beerby requested to reast contractors to do work as litted. You have beerby requested to reast contractors to do work as litted. You have beerby requested to reast contractors to do work as litted. You have beerby requested to reast contractors to do work as litted. You have the sold to reast contractors to do work as litted. You have the sold to reast contractors to do work as litted. You have the sold to reast contractors to do work as litted. You have the sold to reast contractors to do work as litted. You have the sold to reast contractors to do work as litted. You have the sold to reast contractors to do work as litted. You have the sold to reast contractors to do work as litted. You have the sold to reast contractors to do work as litted. You have the sold to reast contractors to do work as litted. You have the sold to reast contractors to do work as litted. You have the sold to reast contractors to do work as litted. You have the sold to reast contractors to do work as litted. You have the sold to reast contractors to do work as litted. You have the sold to reast contractors. You have the sold to reast contractors t	1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1	Called Out On Location Job Start Finish			
Construction Mallared Dr 1 g Type Job Plat g Type Job P	4.6	1 / / / County / State			
You are hereby requered to rest cementing equipment and furnish formers and helps to assist owner or contractor to do work as listed. You are hereby requered to rest cementing equipment and furnish cementer and helps to assist owner or contractor to do work as listed. You are hereby requered to rest cement cements equipment and furnish cementer and helps to assist owner or contractor to do work as listed. You are hereby requered to rest owner or contractor to do work as listed. You are hereby requered to rest owner or contractor to do work as listed. You are hereby requested to rest owner or contractor to do work as listed. You are hereby requested to restore or contractor to do work as listed. Handling Canada C	MI II A				
Commenter and helper to assist owner or contractor to do work as lined. Cag. Depth The Sine Depth Depth Depth Depth City U.L.L. + State K. 6.0.0.2 The above was done to satisfaction and supervision of owner agent or contractor. Comeat Left in Cag. Shoe Joint Perest Max. Minimum Mess Line Displace Perf. EQUIPMENT Consisting of Commons Odorent Consisting of Commons Commons Amount Odorent Consisting of Commons Commons Amount Consisting of Commons Commons Amount Odorent Consisting of Commons Commons Amount Odorent Consisting of Commons Commons Commons Odorent Consisting of Commons Odorent Odorent Odorent Consisting of Commons Odorent Consisting of Commons Odorent Odore	Type Job Dug	To Allied Cementing Co., Inc. You are hereby requested to rept cementing equipment and furnish			
The Size Depth Street Road Line Place Bld 105 5 Procluse Drill Pipe Depth City 1 1ct to The above was done to satisfaction and supervision of owner agent or contractor. Press Max.	Hole Size 77 T.D. 4710	cementer and helper to assist owner or contractor to do work as listed.			
The Size Drill Pipe Depth Cement Left in Cig. Press Max. Minimum Meas Line Perf. EQUIPMENT Consisting of Common 20 5//5 3 4//5 5//5 Consisting of Common 20 5//5 3 5//5 Consisting of Common 20 5//5 3 5//5 Consisting of Common 20 5//5 3 5//5 Consisting of	Csg. Depth	Charge //King Peraucos # 1011			
Depth Tool Depth Tool Depth The above was done to satisfaction and supervision of owner agent or contractor. Cement Left in Cig. Shee Joint Press Max. Minimum Mess Line Perf. EQUIPMENT Consisting of Common Double Plant Power Pumptrk / 33 Helper Pumptrk Helper Pumptrk Helper Common Driver Balkerk Driver Driver Balkerk Driver Driver DEPTH of Job Reference: Dump tek Chap 380 00 All of the plant Power Power Remarks: 25 sk 280 70 Remarks: 25 sk 380 70 Remarks: 380 70 Remarks: 380 70 Remarks: 380 70 Remarks: 380 70 70 Remarks: 380 70 70 70 70 70 70 70 70 70 70 70 70 70	The Size Depth Depth				
Tool Cement Left in Cig. Press Max. Minimum Mess Line Displace Perf. Constraing of Common 20 5K5 0525 1800 66 66 66 66 66 66 66 66 66 66 66 66 6	Dim Tipe				
Cement Left in Csg. Press Max. Minimum Mess Line Perf. Cementer Pumperk / 35 / Helper Pumperk / No. Cementer Holper Pumperk / Helper Driver Bulkerk / Driver DEPTH of Job Reference: DEPT					
Press Max. Mess Line Displace CEMENT Amount Ordered 2006 19/0 gel 4/6 Plance Consisting of Common 20 56 50 50 50 50 50 50 50 50 50 50 50 50 50	 	contractor.			
Mess Line Perf. EQUIPMENT Consisting of Common 20 5/5 25,25 18000 Common 20 5/5 25,25	Press Max. Minimum	Lurchise Order No.			
Perf. EQUIPMENT Consisting of Common 20 \$150 \$125 180 95	Meas Line Displace	- We will the Case			
Pumperk / S Helper Pasel Common 20 Sk S S S S S S S S		CEMENI			
No. Cementer Out Consisting of Common 20 5/6 30 30 30 30 30 30 30 3					
Pumptrk / 53 Helper Poz. Mix 80 \$15.0.225 180 00 Pumptrk Helper Poz. Mix 80 \$15.0.225 180 00 Pumptrk Helper Poz. Mix 80 \$15.0.225 180 00 Bulktrk Driver Pumptk Poz. Mix 80 \$15.0.225 180 00 Bulktrk Driver Pumptk Poz. Mix 80 \$15.0.225 180 00 Bulktrk Driver Pumptk Poz. Mix Poz.	20 Of the EQUIPMENT Control of the	Consisting of			
Pumpirk No Cementer On Gel. 7 185 2 6475 4725 Pumpirk Helper On Man October On M	No. Cementer				
Remarks: No. Cementer Cell Sk 5 6, 75 4 7 5	Pumptrk /53 Helper				
Pumpirk Helper Driver Driver Driver Driver Driver Driver Soles Flo-Sea 1,80 50 50 50 50 50 50 50 50 50 50 50 50 50		163001			
Bulktrk /60 Bulktrk /60 Bulktrk /60 Driver Dirver Bulktrk /60 Driver Dirver Dirver Dirver Dirver Dirver Dirver Depth of Job Reference: Dirver Reference: Dirver Dirver Handling /100 pc 5/k 200 occ 1/2 00 pc 5/k 200 occ 1/2 0	Pumptrk Helper (Page 1)				
Bulkrik OC Bulkrik OC Driver DEPTH of Job Reference: DUMD tek Cha 3800 9 miles 44 ps 5k/m/5 7200 9 miles Sub Total 1,179 25					
Handling 100 pac 5k 200 occ					
DEPTH of Job Reference: Dump to k Cha	Bulktrk Driver	0.0			
Reference: Dump to k Cha 380 00 9 mile Sub Total 18 000 18 00 18 000 18 00 18 00 18 00		Handling 1,00 pac 5/C			
20 for willy 18 00 Total 179 25	Policy of the state of the stat	Mileage 74 D& SIC/M/S			
1 1 1 1 1 1 1 1 1 1	Willip tek Cha SOO				
Sub Total Floating Equipment Total ,	120 Var WILL 18 -	 -			
Sub Total Floating Equipment Tax	1009 21-				
Remarks: 25 sk 2670 100 sk 2660 40 sk 280 10240 at plug 11-1-1991					
Remarks: 25 sk - 2670 100 sk - 1660 40 sk - 280 10-1-1991 10-1-1991	1/120				
100 sk = 1660 40 sk = 280 10=40 ak plug 11-1-1991	Pemarket				
10040 at plug	100 sk @ 1660	Nation 1			
10040 at plug	40 st 10 280	SANA COMMISSION			
15 Rathole 10 knouse have NOV 1 19911	10041) (1th olug				
	13 Rathole 10 Mouse hat	NOV 1 19911			