

CONFIDENTIAL

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

API NO. 15- 147-20553 - 00-00

County Phillips

C - E/2 NE-NW Sec. 26 Twp. 3 Rge. 19 X W

660 Feet from S/N (circle one) Line of Section

3080 Feet from E/W (circle one) Line of Section

Footages Calculated from Nearest Qu side Section Corner:
NE, SE, NW or SW (circle one)

Lease Name Grau Well # 1

Field Name Stuttgard Extension

Producing Formation LKC

Elevation: Ground 2055 KB 2060

Total Depth 3464 PSTD 3442

Amount of Surface Pipe Set and Cemented at 214 Feet

Multiple Stage Cementing Collar Used? X Yes No

If yes, show depth set 1621 Feet

If Alternate II completion, cement circulated from 1621

feet depth to surface w/ 235 sx cat.

Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit)

Chloride content 1200 ppm Fluid volume 80 bbls

Dewatering method used evaporate

Location of fluid disposal if hauled offsite:

Operator Name RELEASED 12-22-94

Lease Name DEC 2 2 1994

Quarter Sec. Twp. 3 Rge. 19 E/W

County Phillips Docket No.

FROM CONFIDENTIAL

Operator: License # 5011

Name: Viking Resources, Inc.

Address 105 S. Broadway, Ste 1040

City/State/Zip Wichita, KS 67202

Purchaser: NCRA

Operator Contact Person: Shawn Devlin

Phone (316) 262-2502

Contractor: Name: Murfin

License: 30606

Wellsite Geologist: Bill Peterson

Designate Type of Completion
 New Well Re-Entry Workover

Oil SWD SIDW 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 PSTD
 Commingled Docket No.
 Dual Completion Docket No.
 Other (SWD or Inj?) Docket No.

10-04-93 10-09-93 10-28-93
Spud Date Date Reached TD Completion Date

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 John P. Dali

Title Vice President Date 11/8/93

Subscribed and sworn to before me this 8th day of Nov 1993.

Notary Public Paula R. Dunagan

Date Commission Expires March 2, 1997

RECEIVED
STATE CORPORATION COMMISSION
NOV 12 1993
11-12-93
K.C.C. OFFICE USE ONLY
Letter of Confidentiality Attached
Wireline Log Received
Geologist Report Received
Distribution
 KCC SWD/Rep MGA
 KGS Plug Other
(Specify)



Operator Name Viking Resources, Inc. Lease Name Grau Well # 1
 Sec. 26 Twp. 3 Rge. 19 East West
 County Phillips

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 checked="" type="checkbox"/> Log	Formation (Top), Depth and Datums	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Anhy	1563	+497
Electric Log Run (Submit Copy.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Heebner	3153	-1093
List All E.Logs Run: Radiation Guard		Tor	3188	-1128
		Lansing	3204	-1144
		BKC	3417	-1357
		RTD	3463	-1403

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	12 1/4	8 5/8	20#	214	60/40	140	2%gel,3%CC
prod	7 7/8	4 1/2	10.5#	3463	ACS	175	Gilsonite

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
4	3353-55	500 gal 1000gal 15%
4	3270-80	500 gal 15%, 500 gal 28% 500 gal 15%
4	3234-38	500 gal 15% 500 gal 28%

TUBING RECORD		Size	Set At	Packer At	Liner Run	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
		2 3/8	3365	none		
Date of First, Resumed Production, SWD or Inj.		Producing Method		<input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)		
11-03-93						
Estimated Production Per 24 Hours	Oil	Bbls.	Gas	Mcf	Water	Bbls. Gas-Oil Ratio Gravity
		50		0	0	

Disposition of Gas: Vented Sold Used on Lease (If vented, submit ACO-18.)

METHOD OF COMPLETION: Open Hole Perf. Dualy Other (Specify)

Production Interval: 3234 to 3355

CONFIDENTIAL

APT #15-147-20,553

Viking Resources, Inc.
Grau #1 NW/4 Sec 26-3-19, Phillips County
Drill Stem Test Results

DST 1 3216-3260', 45-45-45-60. Recovered 90' Muddy Oil (50% oil). IFP 31/42, FFP 52/74, ISIP 601, FSIP 591, BHT 103 degrees.

KCC
NOV 1
CONFIDENTIAL ORIGINAL

RELEASED

DEC 2 2 1994

FROM CONFIDENTIAL

RECEIVED
STATE CORPORATION COMMISSION

NOV 12 1993

CONSERVATION DIVISION
Wichita, Kansas

15-147-20553-00-00

CONFIDENTIAL

Phone 913-483-2627, Russell, KS

Phone 913-625-5516, Hays, KS

Phone 316-886-5926, Medicine Lodge, KS

Phone 316-793-5861, Great Bend, KS

Phone 913-672-3471, Oakley, KS

Phone 913-798-3843, Ness City, KS

ALLIED CEMENTING CO., INC.

8203

Home Office P. O. Box 31

Russell, Kansas 67665

New

Date	10-4-93	Sec.	26	fwp.	3	Range	19	Called Out	5:15pm	On Location	8:20pm	Job Start		Finish	10:30pm
Lease	GRAV	Well No.	1	Location	6NW Speed			County	Phillips			State	Kd		

Contractor	MURFIN DRG ORIGINAL		
Type Job	SURFACE		
Hole Size	12 1/4	T.D.	214
Csg.	8 5/8	Depth	213
Tbg. Size		Depth	
Drill Pipe	4 1/2	Depth	KCC
Tool		Depth	NOV 1
Cement Left in Csg.	15	Shoe Joint	CONFIDENTIAL
Press Max.		Minimum	
Meas Line		Displace	12 1/2 bbls
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	Vi King Resources, Inc.		
Street	105 S. B Roadway Suite 1040		
City	Wichita	State	Kd 67202
The above was done to satisfaction and supervision of owner agent or contractor.			
Purchase Order No.	x Ratzliff Weig		
CEMENT			
Amount Ordered	140mbu 60/40 p02 3% cc 2% gel		
Consisting of			

Common	84 SPK	575	483.00
Poz. Mix	56 Dbn	3.00	168.00
Gel.	3	2.00	N/C
Chloride	4	25.00	100.00
Quickset			

EQUIPMENT

No.	Cementer	Bill L
Pumptrk	Helper	
No.	Cementer	Dean R.
Pumptrk	Helper	
Bulktrk	Driver	Wayne M.
Bulktrk	Driver	

DEPTH of Job	
Reference:	
Pump Truck	430.00
12 3/4" 45mi	101.25
8 5/8 Plug	42.00
Sub Total	573.25
Tax	
Total	

Handling	DEC 22 1994	100	140.00
Mileage	45m	.04	252.00
FROM CONFIDENTIAL		Sub Total	1143.00
RECEIVED		Total	

Floating Equipment NOV 12 1993

CONSERVATION DIVISION
Wichita Kansas

Remarks:
Ran 5 jts of 8 5/8" pipe set @
Cement w/ 140mbu 60/40 3-2 pump 12 1/2 bbls water
Cement did circulate

Frank

15-147-20553-00-00

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

CONFIDENTIAL ORIGINAL

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

ALLIED CEMENTING CO., INC. 4386

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

NEW

Date	10-9-93	Sec.	26	Twp.	3	Range	19	Called Out	9:00 AM	On Location	12:15 PM	Job Start		Finish	4:40 PM
Lease	GR90	Well No.	1	Location	6 N 3 W Speed			County	Phillips		State	La			

Contractor	MURFIN #8	Type Job	PROD. CSG.
Hole Size	7 3/8	T.D.	3464
Csg.	4 1/2	Depth	
Tbg. Size		Depth	KCC
Drill Pipe	4 1/2	Depth	
Tool		Depth	NOV. 11
Cement Left in Csg.		Shoe Join	CONFIDENTIAL
Press Max.		Minimum	
Meas Line		Displace	1.543
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	Vicking Res., Inc.
Street	105 S. Broadway # 1040
City	Wichita State Kansas
The above was done to satisfaction and supervision of owner agent or contractor.	
Purchase Order No.	
X	

EQUIPMENT

No.	Cementer	Bill L
Pumptrk	Helper	
No.	Cementer	DAVE F
Pumptrk 153	Helper	REI
Driver		
Bulktrk 282	Driver	CUM B
Bulktrk	Driver	

Amount Ordered	200 lbs ASC 580 gal/WFR ²
Consisting of	
Common	
Poz. Mix	
ASC	200 lbs @ 7.50 = 1500.00
Chloride	
Quickset	
WFR-2	500 gal @ 1.00 = 500.00
Sales Tax	
Handling	@ 1.00 = 200.00
Mileage	4 1/2 / 5 1/2 / 4 mile = 360.00
Sub Total	
Total	2560.00

DEPTH of Job

Reference:	Pump Truck	980.00
	2 3/8 p/m 45 mi	101.25
	1 4 1/2 Rubber plug	33.00
	Sub Total	
	Tax	
	Total	1114.25

Remarks: pipe ret C 3459 ~~found~~ shoe Lt. 17
 Insert C 3442
 15 db in Rathale pump 500 gal flush cement w/ 185 lb
 ASC pump plug w/ 54 3/8 lbs water float did hold
 PD @ 4:40 PM

RECEIVED STATE CORPORATION COMMISSION

CONSERVATION DIVISION Wichita, Kansas

Thank

913-483-2627, Russell, KS
 ne 316-793-5861, Great Bend, KS

Phone 913-625-5516, Hays, KS
 Phone 913-672-3471, Oakley, KS

Phone 316-886-5926, Medicine Lodge, KS
 Phone 913-798-3843, Ness City, KS

ALLIED CEMENTING CO., INC.

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

8221

NEW

Date	10-28-93	Sec.	26	Twp.	3	Range	19	Called Out	8:00 AM	On Location	11:00 AM	Job Start		Finish	3:20 PM
Lease	GRGU	Well No.	1	Location	6N2W Speed			County	Phillips	State	Kan				
Contractor	John's Cable Tool														
Type Job	TOPSTAGE P. ORIGINAL														
Hole Size	T.D. KCC														
Csg.	4 1/2														
Tbg. Size	2 3/8														
Drill Pipe	Depth CONFIDENTIAL														
Tool	Depth 1620														
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 Vicking Res. Inc.
Street 105 S. Broadway #1040
City Wichita **State** Kan 67202

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

Purchase Order No.
 X Woman PA X-Per

EQUIPMENT

Hays	No.	Cementor	Bill L.
Pumptrk	276	Helper	
	No.	Cementor	Dean R.
Pumptrk	279	Helper	
		Driver	
Bulktrk	291	Driver	Wayne M
Bulktrk		Driver	

CEMENT

Amount Ordered	300 pbl lite 10 pbl Gel		
Consisting of	Used	235 pbl	1 Sand
Common			
Poz. Mix	235 lb weight	4.75	1116.25
Gel.	10 Gel	7.00	70.00
Chloride			
Quickset			
Sand	1	5.00	5.00
Handling	RELEASED	1.00	235.00
Mileage	45 mi	04	423.00
	DEC 22 1994		
		Sub Total	1849.25

DEPTH of Job

Reference:	Pump Truck	525.00
	2 1/2 pbl 45 miles	101.25
	Sub Total	626.25
	Tax	
	Total	

Remarks: Test B.P. @ 1500 PSI Spent 1 lb Sand
 May 10 pbl of Gel ahead of cement, cement did circulate close tool
 Wash sand off of B.P. Test 1000 PSI OK

RECEIVED
 STATE CORPORATION COMMISSION

NOV 12 1993

CONSERVATION DIVISION
 WICHITA, KANSAS

Thomson