

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: _____

Operator Contact Person: Shawn Devlin

Phone: (316) 262-2502

Contractor: Name: Mallard JV, Inc

License: 4958

Wellsite Geologist: Jim Devlin

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: Petro-Dynamics Corp

Well Name: Harper #1

Comp. Date 08/28/82 Old Total Depth 4670

Deepening Re-perf. Conv. to Inj/SWD

Plug Back PBDT

Commingled Docket No. _____

Dual Completion Docket No. _____

Other (SWD or Inj) Docket No. _____

7/2/97 7/4/97 8/7/97
Spud Date Date reached TD Completion Date

API NO. 15- 171-202350001

County Scott

50' N of NW-SW-NE Sec 32 Twp 16 Rge 31 ^E/_W

3680 Feet from /N (circle one) Line of Section

2310 Feet from /W (circle one) Line of Section

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

Lease Name Harper Well # #1 OWWO

Field Name unknown

Producing Formation _____

Elevation: Ground 2937 KB 2942

Total Depth 4157 PBDT 4157

Amount of Surface Pipe Set and Cemented at _____ Feet

Multiple Stage Cementing Collar Used? Yes _____ No

If yes, show depth set 2332 Feet

If Alternate II completion, cement circulated from _____

feet depth to _____ w/ _____ sx cmt

Drilling Fluid Management Plan D+A, 5-20-99 U.C.
(Data must be collected from the Reserve Pit)

Chloride Content 1000 ppm Fluid volume 500 bbls

Dewatering method used Evaporate

Location of fluid disposal if hauled offsite:

RECEIVED
KANSAS CORPORATION COMMISSION

Operator Name _____

5-19-99
MAY 19 1999

Lease Name _____ License No. _____

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]

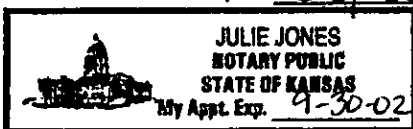
Title Vice President Date 5/19/99

Subscribed and sworn to before me this 19th day of May

99

Notary Public [Signature]

Date Commission Expires September 30, 2002



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)

SIDE TWO

Operator Name Viking Resources, Inc. Lease Name Harper Well # #1 OWWO
 Sec 32 Twp 16 Rge 31 East County Scott
 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:

Log Formation (Top), Depth and Datums Sample
 Name Top Datum

CASING RECORD <input type="checkbox"/> New <input checked="" 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
Production	7-7/8	4-1/2	10.5#	4182	ASC	200	200 Gal ASF 1000# Kal Seal

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 checked="" type="checkbox"/> Plug Off Zone	4047-4050	Common	100	

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	4047-4050	3000 15% NE	

TUBING RECORD		Size	Set At	Packer At	Liner Run
					<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Inj			Producing Method		
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 Perf. Dually Comp Commingled Other (Specify) _____

Production Interval _____

ALLIED CEMENTING CO., INC. 8246

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

SERVICE POINT:

OAKLEY

DATE <u>7-23-97</u>	SEC <u>32</u>	TWP <u>16S</u>	RANGE <u>31W</u>	CALLED OUT	ON LOCATION <u>9:45 AM</u>	JOB START <u>11:00 AM</u>	JOB FINISH <u>6:30 PM</u>
LEASE <u>HARTER</u>	WELL # <u>1</u>	LOCATION <u>HEALY 8W-1 1/2 N-1/2 W</u>			COUNTY <u>SCOTT</u>	STATE <u>KS</u>	
OLD OR <input checked="" type="radio"/> NEW (Circle one)							

CONTRACTOR WESTERN WELL SERVICE
 TYPE OF JOB SQUEEZE
 HOLE SIZE _____ T.D. _____
 CASING SIZE 4 1/2" DEPTH _____
 TUBING SIZE 2 3/4" DEPTH 4090'
 DRILL PIPE _____ DEPTH _____
 TOOL PICKER DEPTH 3931'
 PRES. MAX _____ MINIMUM _____
 MEAS. LINE _____ SHOE JOINT _____
 CEMENT LEFT IN CSG. _____
 PERFS. 4047' to 4050'
 DISPLACEMENT _____

OWNER SAME
 CEMENT
 AMOUNT ORDERED 200 SKS COM

4500 100 SKS
 COMMON 100 SKS @ _____
 POZMIX _____ @ _____
 GEL _____ @ _____
 CHLORIDE _____ @ _____
 _____ @ _____
 _____ @ _____
 _____ @ _____
 _____ @ _____
 HANDLING 200 SKS @ _____
 MILEAGE 44 SKS/mile

EQUIPMENT
 PUMP TRUCK CEMENTER TERRY
 # 191 HELPER WAYNE
 BULK TRUCK
 # 315 DRIVER LOANEE
 BULK TRUCK
 # _____ DRIVER _____

RECEIVED
KANSAS CORPORATION COMMISSION

MAY 19 1999
5-19-99
CONSERVATION DIVISION
MICHIGAN, KS

REMARKS:

SERVICE

Test At 4090' HOPE LEAKING. DECREASE TO 60 AHEAD & SQUEEZE. MIX 100 SKS COM & REPLACE HOPE PRESSURE TO 2000 PSI. RELEASE & REVERSE OUT. PULL JOB & START SQUEEZING TO 4090'. SQUEEZE. SHUT IN & RELEASE PRESSURE.

DEPTH OF JOB 4090'
 PUMP TRUCK CHARGE _____
 EXTRA FOOTAGE _____ @ _____
 MILEAGE 48 miles @ _____
 PLUG _____ @ _____
 _____ @ _____
 _____ @ _____

CHARGE TO: VIKING RESOURCES
 STREET 105 S Broadway #1040
 CITY Wichita STATE Kan ZIP 67202

FLOAT EQUIPMENT

 _____ @ _____
 _____ @ _____
 _____ @ _____
 _____ @ _____
 _____ @ _____

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.

TOTAL _____

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

SIGNATURE [Signature]

PRINTED NAME _____

ALLIED CEMENTING CO., INC. 4592

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

SERVICE POINT: Abas City

DATE <u>7-3-97</u>	SEC <u>32</u>	TWP. <u>16</u>	RANGE <u>31</u>	CALLED OUT <u>9:00am</u>	ON LOCATION <u>1:10AM</u>	JOB START <u>7:15am</u>	JOB FINISH <u>9:45am</u>
LEASE <u>Nansen</u>	WELL # <u>10</u>	LOCATION <u>Healy 8W 1 1/4 N 1/4 W.</u>			COUNTY <u>Scott</u>	STATE <u>KS</u>	

CONTRACTOR Mallard Dalg.
 TYPE OF JOB Production string
 HOLE SIZE 7 7/8 T.D. 4207
 CASING SIZE 4 1/2 DEPTH 4182
 TUBING SIZE DEPTH
 DRILL PIPE DEPTH
 TOOL Port Collar DEPTH 2332
 PRES. MAX MINIMUM
 MEAS. LINE SHOE JOINT 32
 CEMENT LEFT IN CSG. 32
 PERFS.

OWNER Same
 CEMENT

AMOUNT ORDERED
200sq ASC 5" Kal seal
500gal ASF

COMMON 200 ASC @
 POZMIX @
 GEL @
 CHLORIDE @
ASF 500 gal @
Kal seal 1000 # @
 HANDLING 200 @
 MILEAGE 60 @

RECEIVED
 KANSAS CORPORATION COMMISSION

MAY 19 1999
 5-19-99
 CONSERVATION DIVISION
 WICHITA, KS

EQUIPMENT

PUMP TRUCK CEMENTER T. Weigand
 # 224 HELPER T. Dickson
 BULK TRUCK
 # 222 DRIVER B. White
 BULK TRUCK
 # DRIVER

REMARKS:

SERVICE

200sq 4 1/2 csg 500gal ASF
17 200sq ASC, 10sq BAl, Plug
Down am. float head
Plug RH + 17H Outlet Hold
15sq 10sq Shut in 500#
Thanks

DEPTH OF JOB 4182
 PUMP TRUCK CHARGE
 EXTRA FOOTAGE @
 MILEAGE 60 @
 PLUG Rotation @
Rotator Head @

CHARGE TO: Viking Resources
 STREET 105 S. Broadway #1040
 CITY Wichita STATE Ko ZIP 67202

FLOAT EQUIPMENT

1-4 1/2" Stud shoe @
1-ASF Taper @
2-Baskets @
10-Centerlines @
1-Port Collar @
18 5" scratchers

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.

SIGNATURE [Signature]

TAX — 0 —
 TOTAL CHARGE \$
 DISCOUNT

IF PAID IN 30 DAYS

ALLIED CEMENTING CO., INC. 9296

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

SERVICE POINT:
Russell

DATE <u>3-4-98</u>	SEC <u>32</u>	TWP. <u>16</u>	RANGE <u>31</u>	CALLED OUT <u>6:00 AM</u>	ON LOCATION <u>8:00 AM</u>	JOB START	JOB FINISH <u>1:30 PM</u>
LEASE <u>Harper</u>	WELL # <u>1</u>	LOCATION <u>Healy #2 W 12</u>			COUNTY <u>Scott</u>	STATE <u>KS</u>	
OLD OR NEW (Circle one)							

CONTRACTOR DSW

TYPE OF JOB Plug

HOLE SIZE _____ T.D. _____

CASING SIZE 4 1/2 DEPTH _____

TUBING SIZE _____ DEPTH _____

DRILL PIPE _____ DEPTH _____

TOOL _____ DEPTH _____

PRES. MAX _____ MINIMUM _____

MBAS. LINE _____ SHOE JOINT _____

CEMENT LEFT IN CSG. _____

PERFS. _____

DISPLACEMENT _____

OWNER _____

CEMENT AMOUNT ORDERED _____

300 lbs 60/40 6% Gel

2 Mc C.P. Used 260 lbs Cem.

COMMON _____ 156 @

POZMIX _____ 104 @

GEL _____ 14 @

CHLORIDE 2 @

EQUIPMENT

PUMP TRUCK CEMENTER _____

221 HELPER Ron D

BULK TRUCK _____

291 DRIVER Bill L

BULK TRUCK _____

_____ DRIVER _____

HANDLING _____

MILEAGE 46

RECEIVED
KANSAS CORPORATION COMMISSION
MAY 19 1999
5-19-99
CONSERVATION DIVISION
WICHITA, KS

REMARKS:

Spot 50th Cem. 60/40-6 3 1/2 CG 1100'

6500, Spot pipe offset 1100'

Spot 40th Cem pull to 650'

Spot 50th Cem pull 350'

Pump 40th pull to 40 Circ. Cem.

W/ 35psi

DEPTH OF JOB _____

PUMP TRUCK CHARGE _____

EXTRA FOOTAGE _____ @

MILEAGE 46 @

PLUG _____ @

CHARGE TO: Viking Resources, Inc.

STREET 105 S. Broadway

CITY Wichita STATE Ks ZIP 67202 4224

FLOAT EQUIPMENT

_____ @

_____ @

_____ @

_____ @

_____ @

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.

SIGNATURE [Signature]

TOTAL _____

TAX _____

TOTAL CHARGE _____

DISCOUNT _____ IF PAID IN 30 DAYS

PRINTED NAME Kent Strube
DSW