API NO. 15- 135-23,979 - 6000

County Ness

## SIDE ONE

STATE CORPORATION COMMISSION OF KANSAS OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM

| ACO-1 WELL HISTORY DESCRIPTION OF WELL AND LEASE   | NE SE NW Sec 32 Twp 16 Rge 23 XW  |
|--|---|
| Operator: License # 5011   | 3630 Feet from S /N (circle one) Line of Section  |
| Name: Viking Resources, Inc.   | 2970 Feet from E /W (circle one) Line of Section  |
| Address: 105 S. Broadway, Ste 1040 RELEASED  | Footages Calculated from Nearest Outside Section Corner:<br>NE SE NW or NE (circle one)   |
|  | Lease Name Keith Well # 1   |
| City/State/Zip: Wichita, KS 67202-4224   | Field Name unknown  |
| Purchaser: FROM CONFIDENTIA  | Producing Formation   |
| Operator Contact Person: Shawn Deviln  | Elevation: Ground 2476 KB 2481  |
| Phone: (316) 262-2502  | Total Depth 4580 PBTD   |
|  | Amount of Surface Pipe Set and Cemented at 232 Feet   |
| License: 4958  | Multiple Stage Cementing Collar Used? Yes X No  |
| Wellsite Geologist: <u>James Hess</u> Designate Type of Completion   | If yes, show depth set Feet   |
| X New Well Re-Entry Workover   | if Alternate II completion, cement circulated from  |
| OilSWDSIOWTemp. Abd.   | feet depth tow/sx cmt   |
| GasENHRSIGW  | Drilling Fluid Management Plan D4A, 8-10-98 U.C.  |
| X Dry Other (Core, WSW, Expl., Cathodic, etc.) If Workover/Re-Entry: old well info as follows:   | (Data must be collected from the Reserve Pit)   |
| Operator:  | Chloride Content 40000 ppm Fluid volume 700 bbls  |
| Well Name:   | Dewatering method used <u>Evaporate</u>   |
| Comp. DateOld Total Depth  | Location of fluid disposal if hauled offsite:   |
| Deepening Re-perf Conv. to Inj/SWD   |   |
| Plug Back PBTD   | Operator Name NOC 7 5 550   |
| Commingled Docket No.  | 2 30  |
| Dual Completion Docket No.   | Lease Name License Noza   |
| Other (SWD or Inj?) Docket No.   | COMPANIE  |
|  | Quarter SecTwp \$\int \text{Rng} \text{\text{/W}}   |
| 3/4/97 3/11/97 3/11/97 Spud Date Date reached TD Completion Date   | County Docket No. 🔀 💆   |
| 130 S. Market, Wichita, Kansas 67202, within 120 days of th<br>Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information on<br>12 months if requested in writing and submitted with the<br>months). One copy of all wireline logs and geologist well rep | shall be filed with the Kansas Corporation Commission, see spud date, recompletion, workover, or conversion of a well. a side two of this form will be held confidential for a period of a form (see rule 82-3-107 for confidentiality in excess of 12 port shall be attached with this form. ALL CEMENTING TICKETS lis. Submit CP-111 form with all temporarily abandoned wells. |
| All requirements of the statutes, rules and regulations promulgated to reg<br>with and the statements herein are complete and correct to the best of my  |   |
| Ca.P.D.  |   |
| Signature  | F Letter of Confidentiality Attached  |
| Title Vice President Date 3/13/1   | 97 C Wireline Log Received C Geologist Report Received  |
| Subscribed and sworn to before me this 18 day of Ware  | Distribution  |
| 19 41-1  |   |
| $\sim$ $\sim$ $\sim$ $\sim$ $\sim$ $\sim$ $\sim$ $\sim$  | KCCSWD/RepNGPA  |
| Notary Public Tarla K. Dune  Date Commission Expires March 2, 2001   |   |

PAULA R. DUNAGAN NOTARY PUBLIC STATE OF KANSAS My Appt. Exp.

Form ACO-1 (7-91)

## SIDE TWO

| Operator Name Viking Resources, Inc.  |   |  |  | Lease Name Keith |                           |                     |                       | Well #1  |               |  |
|---|---|--|--|------------------|---------------------------|---------------------|-----------------------|--|---------------|--|
| East  |   |  | County Ness  |                  |                           |                     |                       |  |               |  |
| Sec <u>32</u> Twp <u>16</u>   | Rge <u>23</u>   | <br>   | est  |                  | ·                         |                     |                       |  |               |  |
| INSTRUCTIONS: Show import<br>Interval tested, time tool oper<br>hydrostatic pressures, bottom<br>if more space is needed. Atta  | and closed,<br>hole temper  | i base of form<br>flowing and<br>rature, fluid | nations pe<br>shut-in p                            | ressu            | res, whether              | shut-in press       | ure reached static le | vel  |               |  |
| Drill Stem Tests Taken (Attach Additional Sheets  | Attach Additional Sheets.)  |  | □N <sub>0</sub>                                    |                  | Log                       | Formati             | on (Top), Depth and   | Datums   | X Sample      | l                                      |
| Samples Sent to Geological Su   |   |  | Γ <sup>−−</sup> ]Nο                                |                  | Name                      |                     | Тор                   |  | Datum         |  |
| Cores taken   |   | Yes  | X No   |                  | Anhydr                    | ite                 | 1821                  |  | 660           |  |
| Electric Log Run  |   |  |  |                  | Base Ar                   | ihy                 | 1856                  |  | 625           |  |
| (Submit Copy)   | XYes  |  |  |                  | Heebne                    | r                   | 3882                  |  | -1401         |  |
| List All E. Logs Run:<br>Radiation Guard  |   |  |  |                  | Lansing                   | ı                   | 3926                  |  | -1445         |  |
|   |   |  |  |                  | BKC                       |                     | 4220                  |  | -1739         |  |
|   |   |  |  |                  | Cherok                    | ee Sh               | 4447                  |  | -1966         |  |
|   |   |  |  |                  | Miss                      |                     | 4568                  |  | -2087         |  |
| CASING RECORD New X Used  |   |  |  |                  |                           |                     |                       |  |               |  |
| Purpose of String   | Report all strings set-conductor, surfaces of String Size Hole Size Casing We |  | urface, intermediate, productio   Weight   Setting |                  | on, etc.  Type of # Sacks |                     | Type and Percer       | <del>,                                    </del> |               |  |
| r urpose or string  | Drilled Set (In O.D.)   |  | Lbs/Ft   |                  | Depth                     | Cement              | Used                  | Additives  |               |  |
| Surface   | rface 12-1/4 8-5/8  |  |  | 20#              |                           | 232                 | 60/40 Poz             | 140  | 2% gel, 3% cc |  |
|   |   |  |  |                  |                           |                     |                       | _  |               |  |
| ,   |   |  |  |                  |                           |                     |                       |  |               |  |
|   |   | ADDIT  | IONAL CEI  | MENT             | ING/SQUEEZ                | E RECORD            |                       |  |               |  |
| Purpose:  | Depth<br>Top Bottom   | m Type of Cement #Sa                           |  | #Sacks Used      |                           | Type and Percent Ac | lditives              |  |               |  |
| Perforate Protect Casing Plug Back TD Plug Off Zone   |   |  |  |                  |                           |                     |                       |  |               |  |
| _   |   | <u> </u>                                       |  | <u> </u>         |                           |                     |                       |  |               | لـــــــــــــــــــــــــــــــــــــ |
| 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 |   |  |  |                  |                           |                     |                       |  |               |  |
|   |   |  |  |                  |                           |                     |                       |  |               |  |
| TUBING RECORD   | Size  | Se   | t At   |                  | Packer A                  | At .                | Liner Run             |  |               |  |
| Date of First, Resumed Produc   |   |  |  | ducin            | g Method                  |                     |                       | Yes X  | No            |  |
| Estimated Production Oil  |   | Bbls   | Gas  |                  |                           | Flowing<br>Water    | Pumping<br>Bbis       | Gas Lift<br>Gas-Oil Rati                         |               | Explain)<br>Gravity                    |
| Per 24 Hours  | N-A   |  |  |                  |                           |                     |                       |  |               |  |
| Disposition of Gas METHOD OF COMPLETION Production  |   |  |  |                  | n interval                |                     |                       |  |               |  |
| Vented Sold (If vented, submit AC   | Used or<br>0-18.)   | n Lease  |  |                  | n Hole<br>er (Specify)    | Perf.               | Dually Comp           | Commi  | ngled         |  |
|   |   |  | L  | Jour             | or (Specily)              | <del></del>         |                       |  |               | <del></del>                            |

DRILL STEM TEST RESULTS Keith #1 NE SE NW Sec 32 T 16 R 23 W, Ness County, Kansas

**DST #1** Interval 4445-4510

Times 30-30-30-30

ORIGINAL

IFP 31-31 FFP 31-31 ISIP 83 FSIP 41 IHP 2323 FHP 2373 BHT Degrees

Recovery: Weak blow 1st open, died in 15 min, no blow second open

Recovery: Rec 5' Drilling Mud

15-135-23979

| CONFIDENTIAL     |           |
|------------------|-----------|
| RELEASED         |           |
| SEP 16 1998;     |           |
| rici             |           |
| MAR 1 3 CONTINUE |           |
|                  |           |
|                  | KANSAS CO |
|                  | ORP COMM  |
|                  |           |
|                  |           |

## . ALLIED CEMENTING CO., INC.

2983

| REMIT TO P.O. BOX 31<br>RUSSELL, KANSAS 67665 | ORIGINAL SERVICE POINT:   |
|---|---|
| 3-5-97  | UNIONAL   |
| DATE 32 TWP. RANGE 23                         | CALLED OUT ON LOCATION JOB START JOB FINISH  12:30 am 2:10 am 2:45 am 3:15 am  COUNTY STATE |
|   | less City 110 1/2 18 5.5. Less KS   |
| OLD OR NEW (Circle one)                       | _   |
| CONTRACTOR Mallard Oals                       | OWNER Same  |
| TYPE OF JOB Sundal                            | CEMENT  |
| HOLE SIZE /2 /4 T.D. 233                      | 140 100 000 000   |
| CASING SIZE 878 DEPTH 2.32                    | AMOUNT ORDERED 140 4940 39 ec 2%  |
| TUBING SIZE DEPTH                             |   |
| DRILL PIPE DEPTH                              |   |
| TOOL DEPTH                                    |   |
| PRES, MAX MINIMUM                             | COMMON  |
| MEAS. LINE SHOE JOINT                         | POZMIX56@_  |
| CEMENT LEFT IN CSG. 15                        | GEL   |
| PERFS.  | CHLORIDE 4 @  |
| EQUIPMENT                                     |   |
| PUMPTRUCK CEMENTER J. WELS                    |   |
| # 224 HELPER B. Norton                        | HANDLING 140 @ 3 S  |
| BULK TRUCK                                    | MILEAGE // S S R  |
| # 220 DRIVER Bulite                           |   |
| BULK TRUCK                                    | · 27  |
| # DRIVER                                      |   |
| REMARKS:                                      | CUNFIDENTIAL SERVICE SERVICE  |
| mixed 140 /40 3/002% Hel                      | DEPTH OF JOB _232   |
| coment ded Cic                                | PUMP TRUCK CHARGE 0-300'  |
|   | EXTRA FOOTAGE@_   |
| Thanks  | MILEAGE @_  |
|   | PLUG Top Wood @:  |
|   |   |
|   | @   |
| CHARGE TO: Viking Resource                    | Total  RELEASED   |

SEP 16 1998

FROM CONFIDENTIAL

## ALLIED CEMENTING CO., INC.

ORIGINAL

SERVICE POINT: REMIT TO P.O. BOX 31 **RUSSELL, KANSAS 67665** ON LOCATION JOB START RANGE RIDDAM 10:45Am oct. IIN/25/45 OLD OR MEW (Circle one) CONTRACTOR **OWNER** ame TYPE OF JOB **HOLE SIZE** 232 AMOUNT ORDERED 235 **CASING SIZE** DEPTH DEPTH **TUBING SIZE** DRILL PIPE DEPTH TOOL DEPTH COMMON\_ PRES. MAX MINIMUM MEAS. LINE SHOE JOINT POZMIX CEMENT LEFT IN CSG. GEL CHLORIDE PERFS. @ Flo Sa @ **EQUIPMENT** @ 0 CEMENTER \_\_\_\_ **PUMP TRUCK** @ HELPER 224 HANDLING **BULK TRUCK** MILEAGE 116 DRIVER **BULK TRUCK** NUC DRIVER MAR 1 3 **SERVICE REMARKS:** COMPANIAL **DEPTH OF JOB PUMP TRUCK CHARGE** 50 x e **EXTRA FOOTAGE** 650 50sAP @ 2.85 MILEAGE 240 MCH @ 23.00 40 @ 10 sx RELEASED TOTAL SEP 16 1998 CHARGE TO: Vikeling Readures Inc. FROM CONFIDERATEQUIPMENT @ @ @ @ @ TOTAL \_

TAX \_\_\_\_\_