

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: NCRA

Operator Contact Person: Shawn Devlin

Phone: (316) 262-2502

Contractor: Name: Abercrombie RTD, Inc.

License: 30684

Wellsite Geologist: Scott Oatsdean  
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: \_\_\_\_\_

Well Name: \_\_\_\_\_

Comp. Date \_\_\_\_\_ Old Total Depth \_\_\_\_\_

Deepening  Re-perf.  Conv. to Inj/SWD

Plug Back  PBSD

Commingled  Docket No. \_\_\_\_\_

Dual Completion  Docket No. \_\_\_\_\_

Other (SWD or Inj?)  Docket No. \_\_\_\_\_

2/19/94 3/2/94 3/17/94  
Spud Date Date reached TD Completion Date

API NO. 15- 101-21,670

County Lane

SW-SW-NW \_\_\_\_\_ Sec 8 Twp 16 Rge 27 E/XW

2970 Feet from  /N (circle one) Line of Section

4950 Feet from  /W (circle one) Line of Section

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

Lease Name J.R. Ewing Well # 1

Field Name unnamed

Producing Formation Kansas City

Elevation: Ground 2639 KB 2644

Total Depth 4560 PBSD 4560

Amount of Surface Pipe Set and Cemented at 231 Feet

Multiple Stage Cementing Collar Used?  Yes  No

If yes, show depth set 2105 Feet

If Alternate II completion, cement circulated from 2105

feet depth to surface w/ 287 sx cmt

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

Chloride Content 12000 ppm Fluid volume 1350 bbls

Dewatering method used Evaporate

Location of fluid disposal if hauled offsite: \_\_\_\_\_

Operator Name \_\_\_\_\_

Lease Name \_\_\_\_\_ License No. \_\_\_\_\_

\_\_\_\_ Quarter Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S Rng. \_\_\_\_\_ E/W

County \_\_\_\_\_ Docket No. \_\_\_\_\_

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 Shawn P. Devlin

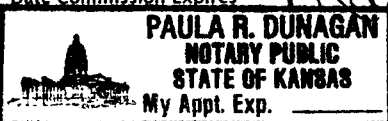
Title Vice President Date 9/13/94

Subscribed and sworn to before me this 13<sup>th</sup> day of September

19 94

Notary Public Paula R. Dunagan

Date Commission Expires March 2, 1997



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 J.R. Ewing Well # 1

Sec 8 Twp 16 Rge 27  East County Lane  
 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<br>(Attach Additional Sheets.)                  | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | <input type="checkbox"/> Log | Formation (Top), Depth and Datums | <input checked="" type="checkbox"/> Sample |
| Samples Sent to Geological Survey                                      | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | Name                         | Top                               | Datum                                      |
| Cores taken  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | Heebner                      | 3862                              | -1218                                      |
| Electric Log Run<br>(Submit Copy)                                      | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | Lansing                      | 3898                              | -1254                                      |
| List All E. Logs Run:<br>Dual Induction<br>Compensated Neutron Density |   | Stark                        | 3660                              | -1508                                      |
|  |   | BKC                          | 4219                              | -1575                                      |
|  |   | Marmaton                     | 4240                              | -1596                                      |
|  |   | Cherokee Sh                  | 4430                              | -1786                                      |
|  |   | Miss                         | 4503                              | -1859                                      |
|  |   |                              | 4312                              | -1668                                      |

| 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 |
| Surface   | 12 1/4            | 8 5/8                     | 20            | 231           | 60/40 Pozmix   | 150          | 3% cc<br>2% gel            |
| Production  | 7 7/8             | 5 1/2                     | 15.5          | 4558          | Thixotropic    | 200          | 5% calseal<br>3/4% CFR3    |

| 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<br>Specify Footage of Each Interval Perforated | Acid, Fracture, Shot, Cement Squeeze Record<br>(Amount and Kind of Material Used Depth) |
|----------------|---|---|
| 4              | 4134-4138   | 500 gal 15% NE  |
| 4              | 4069-4073   | 0   |

|   |  |                   |                                  |   |   |
|---|--|-------------------|----------------------------------|---|---|
| TUBING RECORD                                 |  | Size <u>2 3/8</u> | Set At <u>4140</u>               | Packer At                                   | Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| 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)    |
| <u>3/18/94</u>                                | Estimated Production Oil Per 24 Hours <u>60</u> Bbls | Gas <u>0</u> Mcf  | Water <u>0</u> Bbls              | Gas-Oil Ratio                               | Gravity <u>38</u>   |

|   |   |                     |
|---|---|---------------------|
| Disposition of Gas  | METHOD OF COMPLETION  | Production Interval |
| <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease<br>(If vented, submit ACO-18.) | <input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp <input type="checkbox"/> Commingled |                     |
|   | <input type="checkbox"/> Other (Specify) _____  |                     |

shanda@ix.netcom.com

## Viking Resources, Inc.

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105 South Broadway, Suite 1040  
Wichita, Kansas 67202-4224

James B. Devlin  
President

Phone (316) 262-2502  
Fax (316) 262-2548

### COMPLETION REPORT EWING #1 SW SW NW 8-16S-27W LANE, CO.

- 3/11 Moved in completion tool. Cemented port collar. Shut down until 3/15 a.m.
- 3/16 Swabbed down. Perforated 4134-4138' : 4069-73' w/ expendable, 4 shots per foot. Ran packer and plug. Straddled zone 4134-38. Checked fluid- fluid 1200' from surface, all oil. Swabbed down- rec. 11.9 bbl oil. Acidized w/500 gal 15% NE. Treated 1/4 bpm on vac. Swabbed load back. Went to oil after 4 runs. 1 hour test- Rec. 9 bbl all oil. SDON. ONFU. 900' from surface, all oil.
- 3/17 Swab tested 11.6 bbl, 100% oil. Moved to upper zone, swabbed down to test. Could not swab 1500' below surface. Swabbed back 30.4 bbls, 3 runs. Made 1/2 hour test, laid swab down. 30 bbl per 1/2 hour. Pulled tools. Ran tubing (138 x 2-3/8) and anchor catcher, seating nipple mud anchor, and part of rods. SDON Will finish running rods today.
- 3/18 7:00 a.m. . 2' in stock tank. BBL test 115 B, 100% oil
- 3/19 61.79 BBLS
- 3/20 66.80 BBLS
- 3/21 67.64 BBLS
- 3/22 67.64 BBLS Still 100% oil no water
- 3/23 63.46 BBLS . 100 % oil
- 3/24 70.89 BBLS in 25 hrs. 100% oil
- 3/25 64.30 BBLS, 100% oil

Fax To:  
Argent  
Abercrombie

DRILL STEM TEST RESULTS J.R. Ewing #1 SW-SW-NW Sec 8 T 16 R 27 W, Lane County, Kansas

DST #1 Interval 3979-3995 (E zone)  
Times 30-45-45-60  
IFP 41-41 FFP 72-72 ISIP 789 FSIP 849  
Recovery: Fair blow, 3-1/2" water, recovered 125' Muddy oil, 50% oil

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DST #2 Interval 4050-4080 (H zone)  
Times 30-45-45-60  
IFP 395-799 FFP 909-1070 ISIP 1130 FSIP 1150  
Recovery: Strong blow to BOB 45 seconds, gas to surface in 5" on 2nd open,  
Recovery: recovered 3050' CGO 38 Deg API

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DST #3 Interval 4080-4120 (I zone)  
Times 30-45-45-60  
IFP 41-41 FFP 52-52 ISIP 1120 FSIP 1160  
Recovery: Fair blow to 3" in water, recovered 30' GIP, 60' OCM (25% oil)

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DST #4 Interval 4120-4150 (J zone)  
Times 30-45-45-60  
IFP 52-72 FFP 124-166 ISIP 1110 FSIP 1120  
Recovery: Strong blow to BOB in 4", recovered 1360' GIP, 400' CGO 38 Deg API, 40' OCM (20% oil)

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DST #5 Interval 4150-4180 (K zone)  
Times 30-45-45-60  
IFP 93-301 FFP 395-539 ISIP 1100 FSIP 1100  
Recovery: Strong blow to BOB in 2", recovered 2440 GIP, 300' CGO, 120' gassy water MCO  
Recovery: (50% G, 30% O, 10% W, 10% M) 60' gassy oil & MCW (40% G 10% O 25% W,  
Recovery: 15% M) 120' gassy oil & WCM (25% G, 5% O, 35% W, 35% M) 620' gassy water

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DST #6 Interval 4180-4210 (L zone)  
Times 30-45-45-60  
IFP 72-291 FFP 322-478 ISIP 909 FSIP 889  
Recovery: Strong blow to BOB in 4", recovered 120' GIP  
Recovery: 540' gassy oil & MCW (5% G, 5% O, 60% W, 30% M) 680' gas cut water (95% W, 5% G)

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DST #7 Interval 4380-4430  
Times 30-45-45-60  
IFP 31-41 FFP 52-52 ISIP 228 FSIP 769  
Recovery: 2-1/2" blow 1st open, 2nd open blow to BOB in 24"  
Recovery: Recovered 290' GIP, 15' mud 60' gassy OCM (25% G, 5% O 70% M)

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