

CONFIDENTIAL

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

Operator: License # 5011Name: Viking Resources, Inc.Address: 105 S. Broadway, Ste 1040City/State/Zip: Wichita, KS 67202-4224Purchaser: NCRAOperator Contact Person: Shawn DevlinPhone: (316) 262-2502Contractor: Name: Abercromble RTD, Inc.License: 30684Wellsite Geologist: Scott Oatsdean
esignate 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 ☐ PBDT☐ Commingled ☐ Docket No. _____☐ Dual Completion ☐ Docket No. _____☐ Other (SWD or Inj?) ☐ Docket No. _____Spud Date 3/30/94 Date reached TD 4/9/94 Completion Date 4/22/94API NO. 15- 101-21,673County LaneNE-NE-SE Sec 7 Twp 16 Rge 27 XW E2310 Feet from S /N (circle one) Line of Section330 Feet from E /W (circle one) Line of SectionFootages Calculated from Nearest Outside Section Corner:
NE SE NW or NE (circle one)Lease Name J.R. Ewing Well # 2Field Name unnamedProducing Formation Ft Scott/KCElevation: Ground 2639 KB 2644Total Depth 4559 PBDT 4559Amount of Surface Pipe Set and Cemented at 229 FeetMultiple Stage Cementing Collar Used? ☒ X Yes ☐ NoIf yes, show depth se 2084 2045' FeetIf Alternate II completion, cement circulated from 2084 2045' KCC 27feet depth to surface w/ 400 sx cmtDrilling Fluid Management Plan ALT 2 27 8-29-94
(Data must be collected from the Reserve Pit)Chloride Contn 5600 ppm Fluid volum 560 bblsDewatering method used Evaporate

Location of fluid disposal if hauled offsite: _____

Operator Name RELEASEDLease Name MAY 2 4 1995 License No. _____Quarter Sec. FROM CONFIDENTIAL 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. D. L.Title Vice President Date 4/27/94Subscribed and sworn to before me this 27 day of April19 94Notary Public Kimberly D. CossDate Commission Expires 11-27-99

RECEIVED
KANSAS CORPORATION COMMISSION
MAY 05 1994

CONSERVATION DIVISION
Wichita, Kansas

K.C.C. OFFICE USE ONLY

☒ Letter of Confidentiality Attached

☒ Wireline Log Received

☒ Geologist Report Received

Distribution

☒ KCC
☒ KGS

☐ SWD/Rep
☐ Plug

☐ NGPA
☐ Other (Specify) IS

WTC-J1-5

156539

SIDE TWO

Operator Name Viking Resources, Inc.Lease Name J.R. EwingWell # 2Sec 7 Twp 16 Rge 27☐ EastCounty 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 ☒ Yes ☐ No
(Attach Additional Sheets.)Samples Sent to Geological Survey ☒ Yes ☐ NoCores taken ☐ Yes ☒ NoElectric Log Run ☒ Yes ☐ No
(Submit Copy)List All E. Logs Run:
Dual Induction
Compensated Neutron Density
Sonic Bond☐ Log Formation (Top), Depth and Datums ☒ Sample

Name	Top	Datum
Anhydrite	2067	+577
Heebner	3865	-1221
Lansing	3902	-1258
KC	3986	-1342
Stark Shale	4154	-1510
Ft Scott	4406	-1762

CASING RECORD

☐ New ☒ 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	229	60/40 Pozmix	180	3% cc 2% gel
Production	7 7/8	5 1/2	14	4559	ASC	200	500 gal ASF

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
Perforate				
Protect Casing				
Plug Back TD				
Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
4	4166-68	750 gal 15% NE	
4	4197-99	250 gal 15% NE	
4	4408-10	1500 gal 15% NE	

TUBING RECORD	Size 2 3/8	Set At 4135	Packer At	Liner Run ☐ Yes ☒ No
Date of First, Resumed Production, SWD or Inj 4/25/94	Producing Method ☐ Flowing ☒ Pumping ☐ Gas Lift ☐ Other (Explain)			
Estimated Production Oil Per 24 Hours	40	Bbls	Gas 0 Mcf Water 0	Bbls Gas-Oil Ratio Gravity 38

Disposition of Gas

METHOD OF COMPLETION

Production Interval

☐ Vented ☐ Sold ☐ Used on Lease
(If vented, submit ACO-18.)☐ Open Hole ☒ Perf. ☐ Dually Comp ☐ Commingled☐ Other (Specify)