

25-195-25W

FORM MUST BE TYPED

SIDE ONE

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: Mallard JV, IncLicense: 4958Wellsite Geologist: Robert Patton

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 ☐ PSTD☐ Commingled ☐ Docket No. _____☐ Dual Completion ☐ Docket No. _____☐ Other (SWD or Inj) ☐ Docket No. _____Spud Date 8/21/94 Date reached TD 8/30/94 Completion Date 8/30/94API NO. 15- 135-23,821County NessE/2 NW NW Sec 25 Twp 19 Rge 25 XW4620 Feet from ☐ /N (circle one) Line of Section4290 Feet from ☐ /W (circle one) Line of SectionFootages Calculated from Nearest Outside Section Corner:
NE ☐ SE ☒ NW or NE (circle one)Lease Name Engler Well # 1Field Name UnnamedProducing Formation MissElevation: Ground 2368 K8 2373Total Depth 4432 PSTD 4432Amount of Surface Pipe Set and Cemented at 333.63 FeetMultiple Stage Cementing Collar Used? ☒ Yes ☐ NoIf yes, show depth set 1657 FeetIf Alternate II completion, cement circulated from 1657feet depth to Surface w/ 337 sx cmtDrilling Fluid Management Plan ALT 2 94 4-13-95
(Data must be collected from the Reserve Pit)Chloride Content 46000 ppm Fluid volume 200 bblsDewatering method used EvaporateLocation of fluid disposal if hauled offsite: SEP 27Operator Name RECEIVED

KANSAS CORPORATION COMMISSION

Lease Name _____ License No. _____

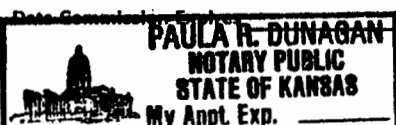
SEP 27 1994

Quarter Sec. _____ Twp. _____ S Rng. _____ E/W

County CONSERVATION DIVISION Docket No. _____WICHITA, KS

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 Shawn P. DevlinTitle Vice President Date 9/27/94Subscribed and sworn to before me this 27 day of September1994Notary Public Paula R. DunaganDate 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)

Form ACO-1 (7-91)

Operator Name Viking Resources, Inc.Lease Name EnglerWell # 1Sec 25 Twp 19 Rge 25☐ EastCounty Ness☒ 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 ☒ NoElectric Log Run
(Submit Copy)☐ Yes ☒ No

List All E. Logs Run:

☐ Log

Formation (Top), Depth and Datums

☒ Sample

Name

Top

Datum

Anhydrite

1639

734

Heebner

3753

-1380

Stark

4047

-1674

Hush Puckney

4083

-1710

Ft Scott

4307

-1934

Miss Dolo

4408

-2035

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	25 #	333.63	60/40 Poz	190	2% gel, 3% cc
Production	7-7/8	5-1/2	14 #	4422	60/40 Poz	160	10% salt 1/4 CFR2
				2 ND STAGE	50/50 Poz	337	2% gel 84lbs Flac.

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)
		No acid or perf
TUBING RECORD		
Size 2-3/8	Set At 4401	Packer At
		Liner Run ☐ Yes ☒ No
Date of First, Resumed Production, SWD or Inj 9/15/94	Producing Method	☐ Flowing ☒ Pumping ☐ Gas Lift ☐ Other (Explain)
Estimated Production Oil Per 24 Hours	Gas Mcf Water Bbls	Gas-Oil Ratio Gravity
60	0 0	

Disposition of Gas

METHOD OF COMPLETION

Production Interval

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