

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 67202Purchaser: Koch Oil CompanyOperator Contact Person: James B. DevlinPhone (316) 262-2502Contractor: Name: Mallard JV, Inc. **KCC**License: 4958 **JUN 1**Wellsite 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. _____

3/27/93 4/5/93 4/28/93
 Spud Date Date Reached TD Completion Date

API NO. 15- 135-23,741**4-19-23 W**

Ness

County _____

SW NW NE Sec. 4 Twp. 19 Rge. 25 X E990 Feet from SW (circle one) Line of Section2310 Feet from EW (circle one) Line of SectionFootages Calculated from Nearest Outside Section Corner:
NE SE, NW or SW (circle one)Lease Name Spruill Well # 1Field Name unnamedProducing Formation Ft ScottElevation: Ground 2437 KB 2442Total Depth 4444 PSTD 4444Amount of Surface Pipe Set and Cemented at 219 FeetMultiple Stage Cementing Collar Used? X Yes ☐ NoIf yes, show depth set 1746 FeetIf Alternate II completion, cement circulated from 1746feet depth to Surface w/ 250 ex cmt.Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit)

Chloride content _____ ppm Fluid volume _____ bbls

Dewatering method used Evaporated

Location of fluid disposal if hauled offsite: _____

Operator Name **RELEASED**Lease Name **RELEASED** License No. **1996**Quarter Sec. 4 Twp. 19 S Rng. 25 E/WCounty **FROM CONFIDENTIAL**

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 Steve P. DuhonTitle Vice President Date 6/3/93Subscribed and sworn to before me this 3rd day of June 1993Notary Public Paula R. Dunagan **JUN 10 1993**Date Commission Expires March 2, 1997

K.C.C. OFFICE USE ONLY	
<input checked="" type="checkbox"/>	Letter of Confidentiality Attached
<input checked="" type="checkbox"/>	Wireline Log Received
<input checked="" type="checkbox"/>	Geologist Report Received
DISTRIBUTION	
<input checked="" type="checkbox"/>	SWD/Rep
<input checked="" type="checkbox"/>	Plug
<input checked="" type="checkbox"/>	NGPA
<input checked="" type="checkbox"/>	Other (Specify) <u>F3</u>

CONSERVATION DIVISION
Wichita, Kansas

SIDE TWO

Operator Name Viking Resources, Inc.Lease Name SpruillWell # 1Sec. 4 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 sheet 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

1721

+ 721

Lansing

3832

-1390

BKC

4148

-1706

Ft Scott

4340

-1898

Miss

4432

-1990

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	219	60/40 Poz	140	2%gel 3%cc
Production	7-7/8	5-1/2	14.5	4444	60/40 Poz	170	10% salt,
					5% gilsonite/sk,3/4		of 1% CFR II

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	4436-7	Moc/Matrix/	50	
<input checked="" type="checkbox"/> Plug Off Zone		Diesel		

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
Abrasiilet	4436-37	350 gal 28% NE, squeezed zone as above	
4	4341-43	500 gal 15% NE	

TUBING RECORD	Size	Set At	Packer At	Liner Run	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
	2-3/8	4400	4400		
Date of First, Resumed Production, SWD or Inj.	5/1/93	Producing Method	<input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)		
Estimated Production Per 24 Hours	Oil 60 Bbls.	Gas NA Mcf	Water 0 Bbls.	Gas-Oil Ratio	Gravity

Disposition of Gas:

METHOD OF COMPLETION

Production Interval