

MAY 01 2002

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

COPY

CONSERVATION DIVISION
Operator: WICHITA, KS 5011
Name: Viking Resources, Inc.
Address: 105 S. Braodway Ste 1040
City/State/Zip: Wichita, KS 67202
Purchaser: Seminole Gathering
Operator Contact Person: Jim Devlin
Phone: (316) 262-2502
Contractor: Name: Murfin Drilling Inc.
License: 30606
Wellsite Geologist: Robert Petersen
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: _____
Original Comp. Date: _____ Original Total Depth: _____
☐ Deepening ☐ Re-perf. ☐ Conv. to Enhr./SWD
☐ Plug Back _____ Plug Back Total Depth _____
☐ Commingled _____ Docket No. _____
☐ Dual Completion _____ Docket No. _____
☐ Other (SWD or Enhr.?) _____ Docket No. _____
12/18/00 12/23/00 1/6/01
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 15147205990000
County: Phillips
SW NE SE Sec. 22 Twp. 3 S. R. 19 ☐ East ☒ West
1700 feet from (S) / N (circle one) Line of Section
980 feet from (E) / W (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
(circle one) NE (SE) NW SW
Lease Name: Boethin Well #: 3
Field Name: Stuttgart South
Producing Formation: LKC
Elevation: Ground: 2039 Kelly Bushing: 2044
Total Depth: 3449 Plug Back Total Depth: 3449
Amount of Surface Pipe Set and Cemented at 220 Feet
Multiple Stage Cementing Collar Used? ☒ Yes ☐ No
If yes, show depth set 1593 Feet
If Alternate II completion, cement circulated from 1593
feet depth to surface w/ 350 sx cmt.

Drilling Fluid Management Plan 11/11/02 10-9-03
(Data must be collected from the Reserve Pit)
Chloride content _____ ppm Fluid volume 1000 bbls
Dewatering method used evaporate
Location of fluid disposal if hauled offsite: _____
Operator Name: _____
Lease Name: _____ License No.: _____
Quarter _____ Sec. _____ Twp. _____ S. R. _____ ☐ East ☐ West
County: _____ Docket No.: _____

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, 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 of 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: Sha P D R
Title: Vice President Date: 4/30/02
Subscribed and sworn to before me this 1st day of May,
2002
Notary Public: Gayle Nye
Date Commission Expires: 6-8-03

KCC Office Use ONLY

☒ Letter of Confidentiality AttachedIf Denied, Yes ☐ Date: _____☒ Wireline Log Received☒ Geologist Report Received☐ UIC Distribution

Operator Name: Viking Resources, Inc.Lease Name: BoethinWell #: 3

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Sec. 22 Twp. 3 S. R. 19 ☐ East ☒ WestCounty: Phillips

CONSERVATION DIVISION

MICHIGAN

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems 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 test, along with final chart(s). Attach extra sheet if more space is needed. Attach copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

 Drill Stem Tests Taken ☐ Yes ☒ No
 (Attach Additional Sheets)

 Samples Sent to Geological Survey ☒ Yes ☐ No

 Cores Taken ☐ Yes ☒ No

 Electric Log Run ☒ Yes ☐ No
 (Submit Copy)

List All E. Logs Run:

Radiation Guard

☒ Log Formation (Top), Depth and Datum ☐ Sample

Name Top Datum

Anhydrite 1586 +457

B Anhydrite 1591 +453

Topeka 2966 -922

LKC 3208 -1164

BKC 3425 -1381

 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	8-7/8		220	Common	165	2% gel 3%cc
Production	7-7/8	4-1/2	10.5	3449	ASC	150	2%gel WFR2
					60-40 poz	350	8%gel 1/4 flo

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	3256-60	1500 gal 28% acid	3256-60
4	3280-84	1500 gal 28% acid	3280-84
4	3244-47	750 gal 28% acid	3244-47
4	3190-93	750 gal 28% acid	3190-93

TUBING RECORD	Size	Set At	Packer At	Liner Run
	2-3/8	3371	3155	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Enhr.	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 Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio Gravity
	15	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
☐ Other (Specify)