

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 Suite 1040

City/State/Zip Wichita, Kansas 67202

Purchaser: _____

Operator Contact Person: James B. Devlin

Phone (316) 262-2502

Contractor: Name: L. D. Drilling, Inc.

License: 6039

Wellsite Geologist: Robert C. 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 PBTB
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Inj?) Docket No. _____

7-09-92 7-14-92
Spud Date Date Reached TD Completion Date

API NO. 15- 191-22205-22204 (per KCC)

County Sumner

C SE SW Sec. 21 Twp. 33S Rge. 1 E W

660 Feet from S/N (circle one) Line of Section

1980 Feet from E/W (circle one) Line of Section

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

Lease Name CAROTHERS Well # 1

Field Name wildcat

Producing Formation _____

Elevation: Ground 1264 KB 1269

Total Depth 3230' PBTB _____

Amount of Surface Pipe Set and Cemented at 265' Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from _____

feet depth to _____ w/ _____ sx cmt.

Drilling Fluid Management Plan 12-15-92 OP
(Data must be collected from the Reserve Pit)

Chloride content _____ ppm Fluid volume _____ bbls

Dewatering method used _____

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 James B. Devlin
James B. Devlin
Title President Date 11-18-92

Subscribed and sworn to before me this 12 day of November, 19 92.

Notary Public Wanda M. Younger
Wanda M. Younger

Notary Commission Expires 7-8-95
WANDA M. YOUNGER
NOTARY PUBLIC
STATE OF KANSAS
My Appt. Exp. 7-8-95

K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Geologist Report Received
NOV 11 1992
Distribution
 KCC SWD/Rep NGPA
 KGS Plug Other (Specify) _____

Operator Name Viking Resources, Inc. Lease Name Carothers Well # 1
 Sec. 21 Twp. 33S Rge. 1 East West
 County Sumner

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.)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Log	Formation (Top), Depth and Datum	<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	Latan	2704 (-1435)	
Electric Log Run (Submit Copy.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Stalnacker	2734 (-1465)	
List All E.Logs Run:		Iola	3156 (-1887)	
		Uper Layton	3170 (-1901)	
		Kansas City	3226 (-1957)	
		RTD	3230 (-1961)	

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#	265'	60/40 Poz	160	2% Gel, 3% CC

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 Specify Footage of Each Interval Perforated		Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	
				Depth

TUBING RECORD		Size	Set At	Packer At	Liner Run	<input type="checkbox"/> Yes <input type="checkbox"/> No
Date of First, Resumed Production, SWD or Inj.			Producing Method <input type="checkbox"/> Flowing <input 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

Disposition of Gas: Vented Sold Used on Lease (If vented, submit ACO-18.)

METHOD OF COMPLETION: Open Hole Perf. Dually Comp. Commingled Other (Specify) _____

Production Interval _____

Viking Resources, Inc.

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

James B. Devlin
President

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

Geological Report Viking Resources #1 Carothers C SE SW Section 21-33s-1e Sumner County, Kansas

Contractor:	L D Drilling	Elevation:	1269 KB
API:			1264 GL
Commenced:	July 9, 1992, 6:30 pm	Casing:	8-5/8" set @ 265'
Completed:	July 14, 1991		w/100 sks
Completion:	P & A	RTD:	3230'
		LTD:	3233

<u>Formation</u>	<u>Sample Top</u>	<u>Log Top</u>
Iatan	2704 (-1435)	2706 (-1437)
Stalnacker	2734 (-1465)	2732 (-1463)
Iola	3156 (-1887)	3156 (-1887)
Upper Layton	3170 (-1901)	3175 (-1906)
Lower Layton	3214 (-1945)	3214 (-1945)
Kansas City	3226 (-1957)	Below Log
Rotary Total Depth	3230 (-1961)	3233 (-1964)

Structural Comparison

	Viking #1 Carothers	Mack #1 Church	Forney #1-21 Carothers
Iola	(-1887)	(-1896)	(-1885)
Upper Layton	(-1906)	(-1912)	(-1901)
Lower Layton	(-1945)	(-1956)	(-1929)
Kansas City	(-1957)	(-1954)	(-1947)

Sample Description

The Upper Layton sandstone (3175-3182) was a light brown to gray fine grained sandstone with some gilsonite, slightly micaous that appeared to be hard, well cemented and tite with now shows.

The Lower Layton sandstone (3214-3226) was a gray to whitish, fine grained sandstone, with poor porosity, hard and tite appearing with no oil shows. The log resistivity through this zone was less than one ohm, indicating high water saturation.

RECORDED
STATE CORP

NOV 10 1992

WICHITA, KANSAS