

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

Operator: License # 5011
Name Viking resources
Address 120 S. Market, Suite 518
Wichita, KS. 67202-3819
City/State/Zip

Purchaser Koch Oil
Wichita, KS

Operator Contact Person Jim Davlin
Phone (316) 262-2502

Contractor: License # 5420
Name White & Ellis Drilling

Wellsite Geologist Marvin Douglass
Phone

Designate Type of Completion
 New Well Re-Entry Workover
 Oil SWD Temp Abd
 Gas Inj Delayed Comp.
 Dry Other (Core, Water Supply etc.)

If OWWO: old well info as follows:
Operator
Well Name
Comp. Date
Old Total Depth

WELL HISTORY

Drilling Method:
 Mud Rotary Air Rotary Cable

10-27-87... 11-2-87... 11-22-87...
Spud Date Date Reached TD Completion Date

3597... 3576...
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 218 feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set...feet
If alternate 1 completion, cement circulated
from 3596 feet depth to surf./425 SX cmt
Cement Company Name Allied Cementing
Invoice # 50113

API NO. 15-163-22,955

County Rooks
60' N, 40' E of East
E/2 NW SW Sec 5 Twp 10 Rge 16 X West

2040 Ft North from Southeast Corner of Section
4250 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

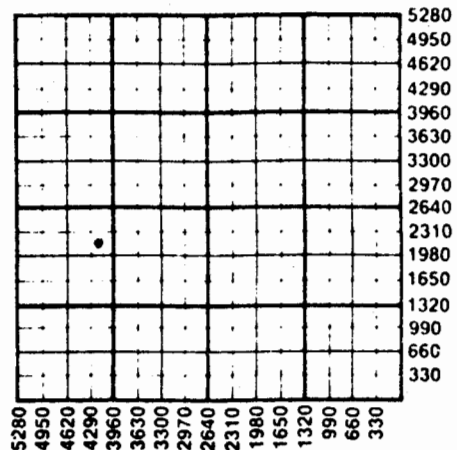
Lease Name Collins Well # 2

Field Name Conger West

Producing Formation Lansing-Kansas city

Elevation: Ground 2026 KB 2031

Section Plat



WATER SUPPLY INFORMATION

Disposition of Produced Water: Disposal
Docket # Repressuring

Questions on this portion of the ACO-1 call:
Water Resources Board (913) 296-3717

Source of Water:
Division of Water Resources Permit #

Groundwater...Ft North from Southeast Corner
(Well) ...Ft West from Southeast Corner of
Sec Twp Rge East West

Surface Water...Ft North from Southeast Corner
(Stream,pond etc)...Ft West from Southeast Corner
Sec Twp Rge East West

X Other (explain) Bruce Hachmeister
(purchased from city, R.W.D. #)

INSTRUCTIONS: This form shall be completed in triplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date of any well. Rule 82-3-130, 82-3-107 and 82-3-106 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 drillers time log shall be attached with this form. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

Operator Name **Viking Resources** Lease Name **Collins** Well # **2**

Sec. **5** Twp. **10** Rge. **16** East West County **Rooks**

WELL LOG

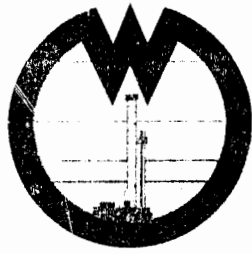
INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, 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 <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Formation Description <input checked="" type="checkbox"/> Log <input type="checkbox"/> Sample																																	
DST #1, 3088-3108, 30-30-60-60, Rec. 240' GIP, 150' CGO, 120' MCGO, 120' MSW, BHP: 1052/1025, FP: 78/78 131/131, HP: 1583/1562, BHT: 98° DST #2, 3169-3226, 30-30-60-60, Rec. 285' GIP, 75' CGO, 120' OCGM, BHP: 884/884, HP: 169/169 169/169 HP: 1593/1516, BHT: 102° DST #3, 3228-3298, 30-30-60-60, Rec. 480' GIP, 180' CGO, 120' MCO, 120' OCM, BHP: 612/633, FP: 158/186 205/254, HP: 1625/1531, BHT: 112° DST #3, 3228-3298, 30-30-60-60, Rec. 480' GIP, 180' CGO, 120' MCO, 120' OCM, BHP: 612/633, HP: 158/186 205/254, HP: 1625/1531, BHT: 112° DST #4, 3560-3567, 30-30-30-30, Rec. 5' OSpkdM, BHP: 582/550, FP: 42/42 31/21 HP: 1846/1804, BHT: 114°	<table border="1"> <thead> <tr> <th>Name</th> <th>Top</th> <th>Bottom</th> </tr> </thead> <tbody> <tr><td>Anhydrite</td><td>1229 (+802)</td><td></td></tr> <tr><td>B. Anhydrite</td><td>1250 (+781)</td><td></td></tr> <tr><td>Topeka</td><td>2908 (-877)</td><td></td></tr> <tr><td>Heebner</td><td>3137 (-1106)</td><td></td></tr> <tr><td>Toronto</td><td>3159 (-1128)</td><td></td></tr> <tr><td>Lansing</td><td>3179 (-1148)</td><td></td></tr> <tr><td>BKC</td><td>3426 (-1395)</td><td></td></tr> <tr><td>Arbuckle</td><td>3560 (-1529)</td><td></td></tr> <tr><td>RTD</td><td>3597 (-1566)</td><td></td></tr> <tr><td>LTD</td><td>3597 (-1566)</td><td></td></tr> </tbody> </table>	Name	Top	Bottom	Anhydrite	1229 (+802)		B. Anhydrite	1250 (+781)		Topeka	2908 (-877)		Heebner	3137 (-1106)		Toronto	3159 (-1128)		Lansing	3179 (-1148)		BKC	3426 (-1395)		Arbuckle	3560 (-1529)		RTD	3597 (-1566)		LTD	3597 (-1566)	
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CASING RECORD <input checked="" type="checkbox"/> New <input 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	218	60/40 doz	140	2% gel, 3% cc
Production	7-7/8	5-1/2	15.5	3596	Lite	250	10# per sk Gilsonite
					Thixotropic	175	
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
Shots Per Foot	Specify Footage of Each Interval Perforated			Amount and Kind of Material Used		Depth	
2	3358-3362			1250 gal 15%			
2	3282-3286			2250 gal 15%			
2	3215-3221			2250 gal 15%			
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Date of First Production		Size		Set At		Packer at	
11-23-87		2-3/8		3350			
Producing Method				<input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (explain).....			

Handwritten mark

5-10-16W



WHITE

ANDELLIS DRILLING, Inc.

DRILLERS LOG

OPERATOR: Viking Resources, 120 S. Market - Suite 518, Wichita, KS 67202

CONTRACTOR: White & Ellis Drilling, Inc., 401 E. Douglas, Suite 500, Wichita, Ks. 67202

Lease Name Collins Well No. 2

Sec. 5 T. 10 S R. 16 W Spot E/2 NW SW

County Rooks State Kansas Elevation _____

Casing Record:

Surface: 8 5/8" @ 219' with 140 sx. 2% Gel 3% CC

Production: 5 1/2" @ 3596' with 425 sx.

Type Well: Oil Well Total Depth 3597'

Drilling Commenced 10-27-87 Drilling Completed 11-2-87

Formation	From	To	Tops
Cellar	0	7	
Shale, Lime	7	3597	

**KANSAS GEOLOGICAL SURVEY
WICHITA BRANCH**

NOV 10 1987