

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 Company
Wichita, KS

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

Contractor: License # 4958
Name Mallard JV, Inc.

Wellsite Geologist
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 OWO: old well info as follows:
Operator
Well Name
Comp. Date Old Total Depth

WELL HISTORY

Drilling Method:
 Mud Rotary Air Rotary Cable

1/9/88 1/17/88 1/29/88
Spud Date Date Reached TD Completion Date
3600 3354
Total Depth PBDT

Amount of Surface Pipe Set and Cemented at 219 feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set feet
If alternate 2 completion, cement circulated from 3380 feet depth to Surface SX cmt
Cement Company Name Allied
Invoice # 50743
4-28-88

API NO. 15-163-22,971-00-00
County Rooks 4
NW NW SW Sec. 5 Twp. 10 Rge. 16 East
West

4950 2310 Ft North from Southeast Corner of Section
2310 480 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

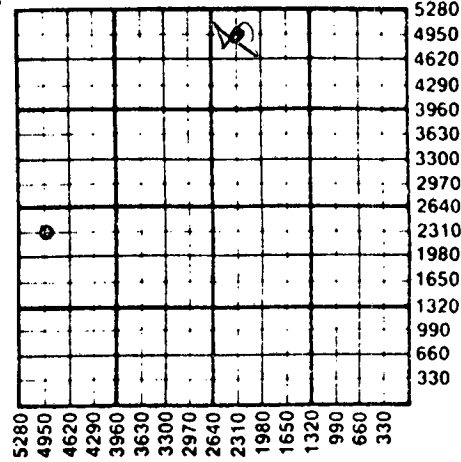
Lease Name Collins Well # 3

Field Name Conger West

Producing Formation Lansing-Kansas City

Elevation: Ground 2036 KB 2044

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 1320 Ft North from Southeast Corner
(Stream, pond etc.) 2630 Ft West from Southeast Corner
Sec 8 Twp 10 Rge 16 East West

Other (explain)
(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.

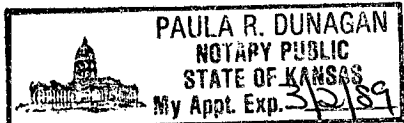
All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature James R. Devlin
Title Partner/Operator Date 3/24/88

Subscribed and sworn to before me this 24th day of March 1988
Notary Public Paula R. Dunagan

Date Commission Expires 2 March 1989

K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Drillers Timelog Received
Distribution
 KCC SWD/Rep NGPA
 KGS Plug Other
(Specify)



RECEIVED
STATE CORPORATION COMMISSION
MAR 28 1988
3-28-88
CONSERVATION DIVISION
Wichita, Kansas

Sec. 2, Twp. 10, Rge. 16 East

Operator Name Viking Resources Lease Name Collins Well # 3

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 Yes No
 Samples Sent to Geological Survey Yes No
 Cores Taken Yes No

Formation Description
 Log Sample

DST #1, 3190-3248, 30-30-60-60, Rec. 40' M w/O Spots, BHP: 447/218, FP: 65/65 65/65, HP: 1635/1625,
 DST #2, 3250-3320, 30-30-60-60, Rec. 40' O, 60' OCM, 180' W, BHP: 794/805, FP: 143/154 179/198, HP: 1678/1656

Name	Top	Bottom
Anhydrite	1254 (+790)	
Howard	2902 (-858)	
Topeka	2920 (-886)	
Heebner	3156 (-1112)	
Toronto	3176 (-1132)	
Lansing	3199 (-1155)	
Cong Chert	3510 (-1466)	
Eros Arb	3572 (-1528)	
LTD	3598 (-1554)	
RTD	3600 (-1556)	

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	219	60/40 poz	150	3% cc, 2% gel
Production	7-7/8	4 1/2	10.5	3379.98	Lite	250	5 bbl mud flush
					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	
4	3253-3256		500 gal 15% INS	3253-56	
			3000 gal 15% CBA +		
			2000 gal 15% NF		

TUBING RECORD					
Size	Set At	Packer at	Liner Run	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
2-3/8	3294	None			

Date of First Production	Producing Method					
1/30/88	<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	Gas	Water	Gas-Oil Ratio	Gravity
	15 Bbls	0 MCF	10 Bbls		CFPB

METHOD OF COMPLETION

Production Interval

Disposition of gas: Vented Open Hole Perforation
 Sold Other (Specify)
 Used on Lease Dually Completed Commingled

3253-3256

