

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 217 E. William  
Wichita, KS 67202-4005  
City/State/Zip

Purchaser

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

Contractor: License # 5420  
Name White and Ellis Drilling, Inc.  
Wichita, KS 67202

Wellsite Geologist Tom Wesselowski  
Phone (316) 262-2502

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

11-10-86 Spud Date 11-16-86 Date Reached TD  
Completion Date

4720 Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 259 feet  
Multiple Stage Cementing Collar Used? Yes  No  
If yes, show depth set feet  
If alternate 2 completion, cement circulated from feet depth to w/ SX amt  
Cement Company Name  
Invoice #

API NO. 15-083-21,264-0000  
County Hodgeman  
75' W and 100' S of  
N/2 NE NW Sec. 16 Twp. 24 Rge. 23 East  
West

4850 Ft North from Southeast Corner of Section  
3375 Ft West from Southeast Corner of Section  
(Note: Locate well in section plat below)

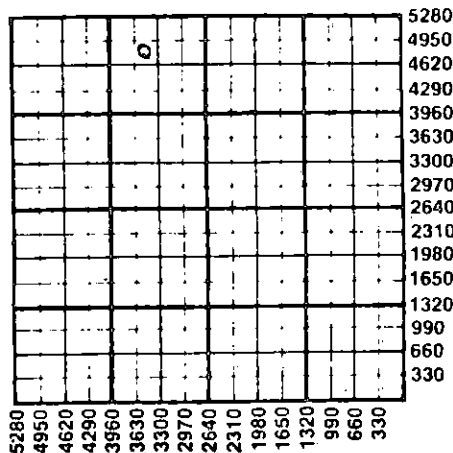
Lease Name Fagen Well # 1

Field Name

Producing Formation

Elevation: Ground 2393 KB 2398

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 880 Ft North from Southeast Corner  
(Well) 5260 Ft West from Southeast Corner of  
Sec 3 Twp 24 Rge 23 East  West

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

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

INSTRUCTIONS: This form shall be completed in duplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 90 days after completion or recompletion of any well. Rule 82-3-130 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 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 B. Devlin

Title Partner Date 12-9-86

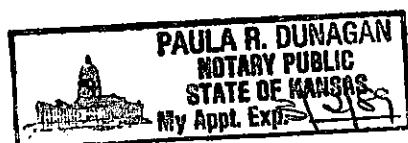
Subscribed and sworn to before me this 9th day of December 1986

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 Time Log Received  
Distribution  
KCC SWD/Rep NGPA  
KGS Plug Other  
(Specify)

Sec. 16, Twp. 24, Rge. 23



STATE CORPORATION COMMISSION

DEC 10 1986

CONSERVATION DIVISION  
Wichita, Kansas

Form ACO-1 (7-84)

12-10-86

Operator Name **Viking Resources** Lease Name **Fagen** Well # **1**

Sec. **16** Twp. **24** Rge. **23**  East  West County **Hodgeman**

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

Name	Top	Bottom
Anhydrite	1556 (+842)	
Heebner	3970 (-1572)	
LKC	4041 (-1643)	
BKC	4459 (-2061)	
Ft. Scott	4606 (-2208)	
Miss	4703 (-2305)	
RTD	4730 (-2322)	

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	259	60/40 poz	165	2% gel, 3% cc

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

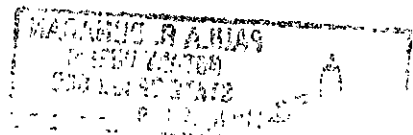
TUBING RECORD	Size	Set At	Packer at	Liner Run	<input type="checkbox"/> Yes <input type="checkbox"/> No

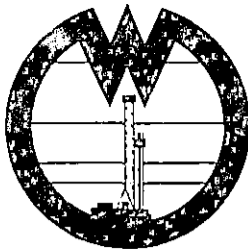
Date of First Production	Producing Method				
	<input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (explain).....				
	Oil	Gas	Water	Gas-Oil Ratio	Gravity
Estimated Production Per 24 Hours	Bbls	MCF	Bbls	CFPB	

METHOD OF COMPLETION

Production Interval

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





# WHITE

AND ELLIS DRILLING, Inc.

## DRILLERS LOG

OPERATOR: Viking Resources  
217 E. William  
Wichita, KS 67202

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

Lease Name Fagen Well No. 1

Sec. 16 T. 24S R. 23W Spot N/2 NE NW

County Hodgeman State Kansas Elevation \_\_\_\_\_

### Casing Record:

Surface: 8 5/8 @ 259' with 165 2%gel <sup>3%cc</sup> sx.

Production: \_\_\_\_\_ @ \_\_\_\_\_ with \_\_\_\_\_ sx.

Type Well: D & a Total Depth 4720'

Drilling Commenced 11-10-86 Drilling Completed 11-16-86

Formation	From	To	Tops
Cellar	0	7	
Clay, Sand	7	810	
Shale, Shells	810	1850	
Shale, Lime	1850	2670	
Lime, Shale	2670	4590	
Lime	4590	4720	

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