

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

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

Contractor: License #  
Name

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 **OWWO**: old well info as follows:  
Operator Dunne Oil  
Well Name French #1  
Comp. Date 5-20-87 Old Total Depth 4590

\*\*TOOK OVER FROM DUNNE OIL AT TD

WELL HISTORY

Drilling Method:  
 Mud Rotary  Air Rotary  Cable

5-12-87 5-20-87 5-31-87  
Spud Date Date Reached TD Completion Date  
4590 2180  
Total Depth PBDT

Amount of Surface Pipe Set and Cemented at NA feet  
Multiple Stage Cementing Collar Used? Yes  No  
If yes, show depth set feet  
If alternate 2 completion, cement circulated from 2215 feet depth to Surf. w/ 450 SX cmt  
Cement Company Name Allied  
Invoice # 48811

API NO. 15-101-21,385-00-00  
County Lane  
SW. SW. SW. Sec. 31. Twp. 17. Rge. 30. X East West

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

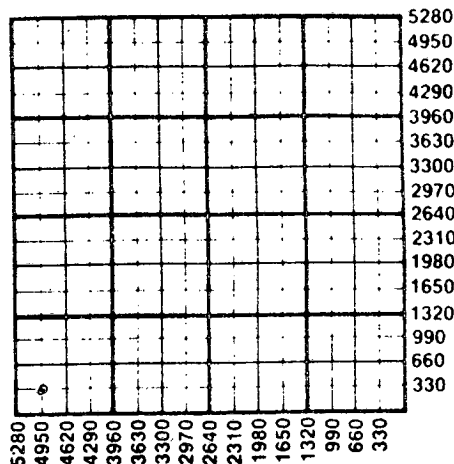
Lease Name French Well #. 1-SWD

Field Name Manning

Producing Formation

Elevation: Ground 2898 KB 2905

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

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.

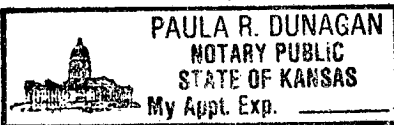
Signature James B. Devlin

Title James B. Devlin, Partner Date 29 June 1987

Subscribed and sworn to before me this 29th day of June 1987

Notary Public Paula R. Dunagan

Date Commission Expires March 2, 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  
RECEIVED STATE CORPORATION COMMISSION  
JUL 6 1987

CONSERVATION DIVISION  
Wichita, Kansas

Form ACO-1 (5-86)

Sec 31, Twp. 17, Rge. 30

SIDE TWO

Operator Name Viking Resources Lease Name French Well # 1-SWD

Sec. 31 Twp. 17 Rge. 30  East  West County Lane

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

Viking Resources took over from Dunne Oil at Total Depth to make a Cedar Hills Salt Water Disposal well

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	8-5/8					
Production	7-7/8	4-1/2	10.5	2215	lite	450	1/4# floseal

PERFORATION RECORD

Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)

Shots Per Foot	Specify Footage of Each Interval Perforated	Depth

TUBING RECORD

Size 2-7/8" Set At 1829 Packer at 1829 Liner Run  Yes  No

Date of First Production \_\_\_\_\_ Producing Method  Flowing  Pumping  Gas Lift  Other (explain) \_\_\_\_\_

Estimated Production Per 24 Hours	Oil Bbls	Gas MCF	Water Bbls	Gas-Oil Ratio	Gravity CFPB

METHOD OF COMPLETION

Production Interval

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

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

5

API NO. 15-101-21,385-00-00  
County... Lane  
...SW... SW... SW... Sec. 31... Twp 17s... Rge. 30... X East  
... X West

Operator: License # 4197  
Name Dunne Oil Co.  
Address 100 S. Main, Suite 520  
City/State/Zip Wichita, KS 67202

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

Purchaser.....

Lease Name... French... Well #. 1-31..

Operator Contact Person Stephen W. Dunne  
Phone 267-3448

Field Name... Manning.....

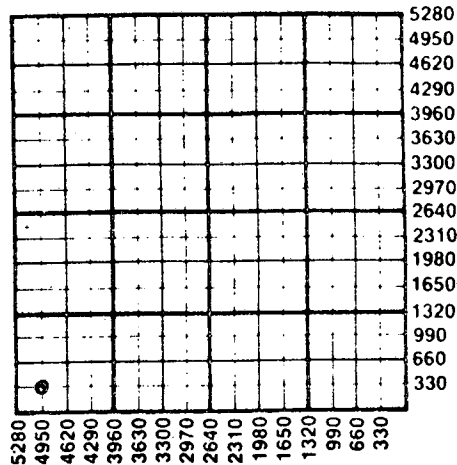
Producing Formation.....

Contractor: License # 5883  
Name Warrior Drilling Co.

Elevation: Ground... 2,898... KB. 2,905.....

Wellsite Geologist Raul F. Brito  
Phone 263-8787

Section Plat



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.....

WATER SUPPLY INFORMATION

Disposition of Produced Water:  Disposal  
Docket # .....  Repressuring

WELL HISTORY

Drilling Method:  
 Mud Rotary  Air Rotary  Cable  
5/12/87... 5/20/87... 6/10/87...  
Spud Date Date Reached TD Completion Date  
4,590... 2,180...  
Total Depth PBTD

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

Source of Water:  
Division of Water Resources Permit #.....

Groundwater 4,950 Ft North from Southeast Corner  
(Well) 4,950 Ft West from Southeast Corner of  
Sec 1 Twp 18s Rge 30 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. #)

Amount of Surface Pipe Set and Cemented at 227 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 cmt  
Cement Company Name .....  
Invoice # .....

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 .....  
Dunne Oil Co.

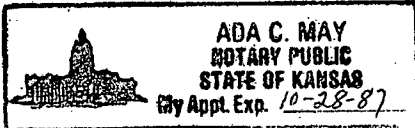
Title... President... Date 7/06/87

Subscribed and sworn to before me this 6th day of July 1987

Notary Public... Ada C. May

Date Commission Expires.....

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  
JUL 8 1987  
Form ACO-1 (5-86)  
CONSERVATION DIVISION  
Wichita, Kansas

Sec. 31 Twp 17 Rge 30

SIDE TWO

Operator Name Dunne Oil Co Lease Name French Well # 1-31

Sec. 31 Twp. 17s Rge. 30  East  West County Lape

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#1-4, 286-4, 320; 30-45-60-60  
 IFP 103-69, ISIP 839, FFP 148-159, FSIP 753,  
 Recovered: 1' oil, 285' oil specked sw, 45' osm

DST#2- 4, 340-4, 370; 30-30-30-30  
 IFP 103-69, ISIP 216, FFP 103-69, FSIP 159  
 Recovered: 1/2' oil, 4' oil cut mud.

Name	Top	Bottom
Anhydrite	2,250	2,271
Lansing	3,933	
Muncie Creek	4,117	
Stark	4,216	
BKC	4,302	
Marmaton	4,336	
Ft. Scott	4,470	
Johnson	4,534	
Mississippi	4,563	
RTD	4,590	
NO LOG		

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	12.25"	8-5/8"	20#	227'	60/40 poz	135	.2% gel, 3% cal
Casing	6.5"	4.5"	10.5	2,215'	50/50 poz	450	

Shots Per Foot	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  Yes  No

Date of First Production Producing Method  
 Flowing  Pumping  Gas Lift  Other (explain).....

Estimated Production Per 24 Hours	Oil Bbls	Gas MCF	Water Bbls	Gas-Oil Ratio	Gravity

METHOD OF COMPLETION Production Interval

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

