

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 # 5393  
name A.L. Abercrombie, Inc.  
address 801 Union Center  
City/State/Zip Wichita, Kansas 67202

Operator Contact Person Jack K. Wharton  
Phone (316) 262-1841

Contractor: license # 5422  
name Abercrombie Drilling, Inc.

Wellsite Geologist Bob Jinkins  
Phone (316) 269-2040  
PURCHASER Koch Oil Company

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 Abercrombie Drilling, Inc.  
Well Name Hall #1  
Comp. Date April 11, 1978 Old Total Depth 4600

WELL HISTORY

Drilling Method:  Mud Rotary  Air Rotary  Cable  
3-31-78 4.11.78 6.3.85  
Spud Date Date Reached TD Completion Date

4600 2140  
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 293' feet

Multiple Stage Cementing Collar Used?  Yes  No

If Yes, Show Depth Set feet

If alternate 2 completion, cement circulated  
from 2140 feet depth to surface w/ 600 SX cmt

API NO. 15 - 101-20,278-0000

County Lane

100' N. of SE NE Sec 29 Twp 16S Rge 27 X West  
(Location)

3730 Ft North from Southeast Corner of Section  
330 Ft West from Southeast Corner of Section  
(Note: locate well in section plat below)

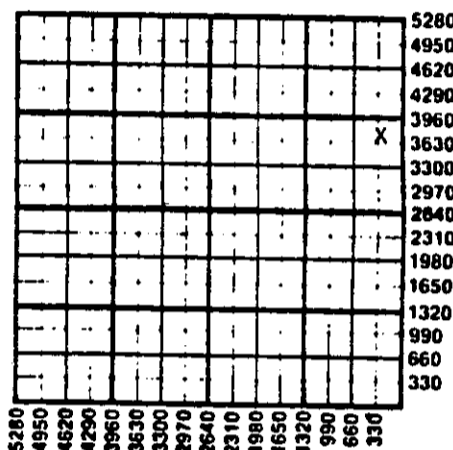
Lease Name Hall Well# 1

Field Name Pendennis West

Producing Formation

Elevation: Ground 2702 KB 2707

Section Plat



WATER SUPPLY INFORMATION

Source of Water:  
Division of Water Resources Permit #

Groundwater Ft North From Southeast Corner and  
(Well) Ft West From Southeast Corner of  
Sec Twp Rge  East  West

Surface Water Ft North From Southeast Corner and  
(Stream, Pond etc.) Ft West From Southeast Corner  
Sec Twp Rge  East  West

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

Disposition of Produced Water:  Disposal  Repressuring  
Docket #

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. Rules 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.

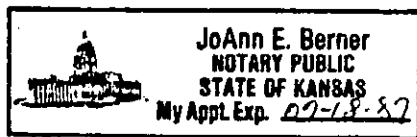
One copy of all wireline logs and drillers time log shall be attached with this form. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

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 Jack K. Wharton  
Jack K. Wharton  
Title Vice President Date 1/2/85

Subscribed and sworn to before me this 2nd day of January 19 85

Notary Public JoAnn E. Berner JoAnn E. Berner  
Date Commission Expires 07-18-87



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)

Form ACO-1 (7-84)

STATE CORPORATION COMMISSION

MAR 14 1985  
3-14-85  
CONSERVATION DIVISION

Sec. 29 Twp. 16S Rge. 27W

Operator Name A.L. Abercrombie, Inc. Lease Name Hall Well# 1 SEC 29 TWP 16S RGE 27  East  West

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

IST#1 (4046-4070) 30", 45", 30", 45". Weak blow - 10" died.  
 Rec. 30' mud. IFP 21-21, IBHP 1149, FFP 32-32, FBHP 1107.  
 IST#2 (4127-4165) 30", 45", 30", 45". Weak blow - 30" died.  
 Rec. 30' mud w/oil spots. IFP 32-32, IBHP 1233, FFP 54-54,  
 FBHP 1075.  
 IST#3 (4190-4220) 30", 45", 60", 45". Weak to medium blow.  
 Rec. 82' gip, 40' clean oil, 62' vsocmw, 124' mw.  
 IFP 54-76, IBHP 895, FFP 87-131, FBHP 885.  
 IST#4 (4217-4285) 30", 45", 60", 45". Weak blow to good.  
 Rec. 20' oil w/spotted mud, 62' vsocm, 558' mw. IFP 87-185,  
 IBHP 1117, FFP 207-338, FBHP 1075.  
 IST#5 (4337-4415) 30", 45", 60", 45". Good blow. Rec. 558'  
 gip, 92' clean oil, 62' hocm, 50% oil, 5% water, 62' hocm,  
 50% oil, 10% water. IFP 65-87, IBHP 1117, FFP 98-120,  
 FBHP 1023.  
 IST#6 (4467-4510) 30", 45", 30" 45". Weak blow - 30" died.  
 Rec. 10' mud. IFP 43-43, IBHP 76, FFP 54-54, FBHP 65.

Name	Top	Bottom
Anhydrite	2120 (+ 587)	
Heebner	3933 (-1226)	
Toronto	3952 (-1245)	
Lansing	3971 (-1264)	
Stark Shale	4220 (-1513)	
B/KC	4289 (-1582)	
Marmaton	4326 (-1619)	
Pawnee	4422 (-1715)	
Ft. Scott	4474 (-1767)	
Cherokee	4498 (-1791)	
Miss.	4562 (-1855)	
ELTD	4600 (-1893)	
DTD	4600 (-1893)	

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 1/2	8 7/8	20	293	COMMON	175	2% gel .3% cacl
Disposal	7 7/8	4 1/2	10 1/2	2140	POSMIX	600	

PERFORATION RECORD		Acid, Fracture, Shot, Cement Squeeze Record	
shots per foot	specify footage of each interval perforated	(amount and kind of material used)	Depth
1	1715 to 1740	1000 gallons .15% INS for both	2140
1	1840 to 1860	sets perfs.	2140

TUBING RECORD			
size	set at	packer at	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
2"	1706	1705	

Date of First Production	Producing method <input type="checkbox"/> flowing <input type="checkbox"/> pumping <input type="checkbox"/> gas lift <input type="checkbox"/> Other (explain) <u>Disposal Well</u>				
Estimated Production Per 24 Hours	Oil	Gas	Water	Gas-Oil Ratio	Gravity
	Bbls	MCF	Bbls	CFPB	

Disposition of gas:  vented  
 sold  
 used on lease

METHOD OF COMPLETION  
 open hole  perforation  
 other (specify) .....

PRODUCTION INTERVAL

...1715 to 1740  
 ...1840 to 1860

Dually Completed.  
 Commingled