

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, KS 67202

Purchaser

Operator Contact Person Jack L. Partridge  
Phone (316) 262-1841

Contractor: License # 5422  
Name Abercrombie Drilling, Inc.

Wellsite Geologist Steve Frankamp  
Phone (316) 262-1841

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 Bowers Drilling, Co., Inc.  
Well Name Frieden #1  
Comp. Date 2-5-80 Old Total Depth 4290'

WELL HISTORY

Drilling Method:  Mud Rotary  Air Rotary  Cable

11-26-88 11-26-88 11-27-88  
Spud Date Date Reached TD Completion Date

4390'  
Total Depth PBD

Old Well Service  
Amount of Surface Pipe Set and Cemented at 289 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 #

*API DYA*

API NO. 15-007-20,886-X  
County Barber  
C NE SE NW Sec 32 Twp 31S Rge 12 East West

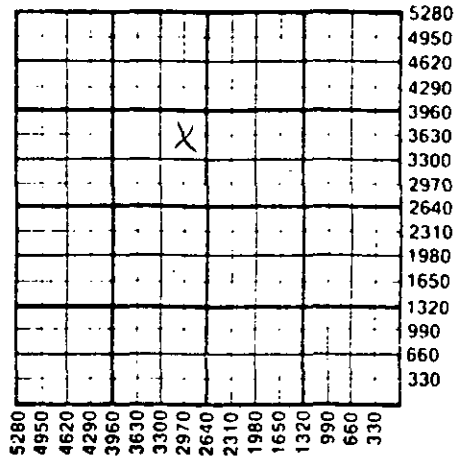
3630 Ft North from Southeast Corner of Section  
2970 Ft West from Southeast Corner of Section  
(Note: Locate well in section plat below)

Lease Name Frieden (OWWO) Well # 1

Field Name WC

Producing Formation

Elevation: Ground 1520' KB 1525'  
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 # T 88-601

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

Surface Water 3700 Ft North from Southeast Corner  
(Stream pond etc.) 30 Ft West from Southeast Corner  
Sec 6 Twp 32S Rge 12 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 *Jack K. Wharton*  
Title Vice President Date 12-19-88

Subscribed and sworn to before me this 19th day of December, 1988.  
Notary Public *Jamiet A. Stuck*  
Date Commission Expires 12-29-90

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  
DEC 20 1988  
12-20-88  
Form ACO-1 (5-86)

Sec. 32 Twp. 31S Rge. 12E

SIDE TWO

Operator Name ..... A. L. Abercrombie, Inc. ..... Lease Name..... Frieden (OWWO) ..... Well #..... 1

Sec..... 32 ..... Twp..... 31S ..... Rge..... 12 .....  East  West ..... County..... Barber .....

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
Heebner	3476'	(-1951')
Upper Douglas Sd	3528'	(-2003')
Lower Douglas Sd	3615'	(-2090')
Lansing	3665'	(-2140')
Mississippian	4203'	(-2678')

CASING RECORD <input 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
.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....
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).....					
Estimated Production Per 24 Hours	Oil	Gas	Water	Gas-Oil Ratio	Gravity		
	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

4203'

.....

.....

NOTICE OF INTENTION TO DRILL

(see rules on reverse side)

-00-01

Expected Spud Date. 8 30 88 month day year

API Number 15-007-20,886-A

OPERATOR: License # 5393
Name A. L. Abercrombie, Inc.
Address 801 Union Center
City/State/Zip Wichita, KS 67202
Contact Person Jack L. Partridge
Phone (316) 262-1841

NE SE NW 32 Twp 31 S. Rg 12 East
3630 West
2970 Ft. from South Line of Section
Ft. from East Line of Section

(Note: Locate well on Section Plat on reverse side)

CONTRACTOR: License # 5422
Name Abercrombie Drilling, Inc.
City/State Wichita, KS 67202

Nearest lease or unit boundary line 330 feet
County Barber

Well Drilled For: Oil Storage X Infield X Mud Rotary
X Gas Inj Pool Ext Air Rotary
X OWWO Expl Wildcat Cable

Lease Name Frieden Well # 1 (OWWO)
Ground surface elevation 1525' KB feet MSL

Domestic well within 330 feet: yes X no
Municipal well within one mile: yes X no

IF OWWO: old well info as follows:
Operator Bowers Drilling Co., Inc.
Well Name Frieden #1
Comp Date 2-25-80 Old Total Depth 4290'

Depth to bottom of fresh water 160'
Depth to bottom of usable water 200'

Surface pipe by Alternate: 1 X 2
Surface pipe planned to be set 289' set in place

I certify that well will comply with K.S.A. 55-101, et seq., plus eventually plugging hole to KCC specifications.
Date 8-24-88 Signature of Operator or Agent [Signature] Title Vice President

For KCC Use:
Conductor Pipe Required feet; Minimum Surface Pipe Required 289 feet per Alt. (1) X
This Authorization Expires 2-25-89 Approved by K.M. 8-25-88

EFFECTIVE DATE: 8-30-88

Handwritten notes: 289-5858, 3 pgs, 11-25-88, Move - P, 11-25-88

Sec. 32 Twp. 31 S. Rg. 12 East West

PLUGGING PROPOSAL IF ABOVE IS D & A

This plugging proposal will be reviewed and approved or revised at the time the district office is called prior to setting surface casing (call 7 a.m. to 5 p.m. workdays).

Table with 3 columns: Plug depth, Material/Formation, and Gel/Notes. Includes entries for 1st-5th plugs and Rathole/Mousehole.

NOTE: PUSHER Harold Moley, TD 4293 FORMATION, SURFACE PIPE @, ANHYDRITE, ELEVATION 11-27-88, STARTING TIME & DATE 3:00 AM, COMPLETION TIME & DATE 5:45 AM, 1st PLUG @ 120 FT. W/ 50 SX, 2nd PLUG @ 300 FT. W/ 40 SX, 3rd PLUG @ 40 FT. W/ 10 SX, 4th PLUG @ FT. W/ SX, RAT HOLE CIRCULATED W/ 15 SX, MOUSE HOLE CIRCULATED W/ SX, WATER WELL PLUGGED W/ SX, CEMENT COMPANY P. J., TECHNICIAN

RECEIVED STATE CORPORATION COMMISSION NOV 20 1988 CONSERVATION DIVISION Wichita, Kansas