

STATE OF KANSAS  
STATE CORPORATION COMMISSION

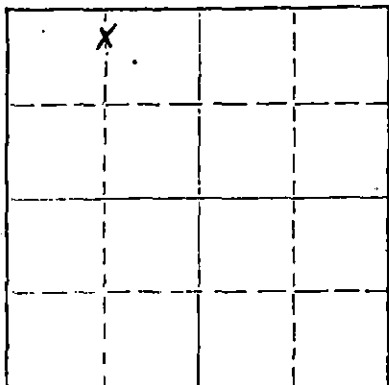
Form CP-4

Give All Information Completely  
Make Required Affidavit  
Mail or Deliver Report to:  
Conservation Division  
State Corporation Commission

WELL PLUGGING RECORD

P. O. Box 17027  
Wichita, Kansas 67217  
NORTH

Kiowa County. Sec. 23 Twp. 27S Rge. (E) 18 (W)  
Location as "NE/CNWSW" or footage from lines C N/2 N/2 NW/4  
Lease Owner Abercrombie Drilling, Inc.  
Lease Name LIVENGOOD Well No. #1  
Office Address 801 Union Center, Wichita, Kansas 67202  
Character of Well (completed as Oil, Gas or Dry Hole) Dry Hole  
Date well completed October 25 19 74  
Application for plugging filed (verbally) October 25 19 74  
Application for plugging approved (verbally) October 25 19 74  
Plugging commenced October 25 19 74  
Plugging completed October 25 19 74  
Reason for abandonment of well or producing formation \_\_\_\_\_



Locate well correctly on above  
Section Plat

If a producing well is abandoned, date of last production \_\_\_\_\_ 19\_\_\_\_  
Was permission obtained from the Conservation Division or its agents before plugging was commenced? Yes

Name of Conservation Agent who supervised plugging of this well G. R. Biberstein  
Producing formation \_\_\_\_\_ Depth to top \_\_\_\_\_ Bottom \_\_\_\_\_ Total Depth of Well 4790 Feet  
Show depth and thickness of all water, oil and gas formations.

OIL, GAS OR WATER RECORDS

CASING RECORD

FORMATION	CONTENT	FROM	TO	SIZE	PUT IN	PULLED OUT
				8 5/8"	441'	None

Describe in detail the manner in which the well was plugged, indicating where the mud fluid was placed and the method or methods used in introducing it into the hole. If cement or other plugs were used, state the character of same and depth placed, from \_\_\_\_\_ feet to \_\_\_\_\_ feet for each plug set.

1st plug set @ 500' w/150 sacks  
2nd plug set @ 325' w/100 sacks  
3rd plug set @ 180' w/ 50 sacks  
Set top with 15 sacks.

RECEIVED  
STATE CORPORATION COMMISSION  
OCT 31 1974  
CONSERVATION DIVISION  
Wichita, Kansas

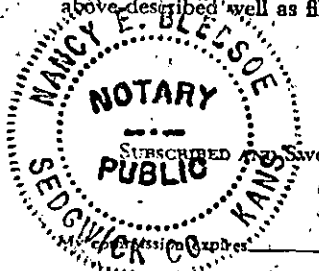
(If additional description is necessary, use BACK of this sheet)  
Name of Plugging Contractor Abercrombie Drilling, Inc.  
Address 801 Union Center, Wichita, Kansas 67202

STATE OF KANSAS, COUNTY OF SEDGWICK, ss.  
Jerry A. Langrehr (employee of owner) or (owner or operator) of the above-described

well, being first duly sworn on oath, says: That I have knowledge of the facts, statements, and matters herein contained and the log of the above-described well as filed and that the same are true and correct. So help me God.

(Signature) Jerry A. Langrehr  
801 Union Center, Wichita, Kansas  
(Address)

Subscribed and sworn to before me this 29th day of October, 19 74



Nancy E. Bledsoe  
Nancy E. Bledsoe  
Notary Public.

**KANSAS DRILLERS LOG**

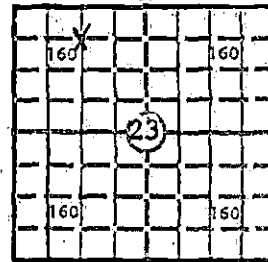
**IMPORTANT**  
Kans. Geo. Survey request  
samples on this well.

S. 23 T. 27 R. 18 <sup>2</sup>/<sub>W</sub>

Loc. N2 N2 NW

County Kiowa

640 Acres  
N



Elev.: Gr. 2167'

DF 2173' KB 2175'

API No. 15 — 097 — 20,261  
County Number

Operator Abercrombie Drilling, Inc.

Address 801 Union Center Wichita, Kansas 67202

Well No. #1 Lease Name Livengood

Footage Location 330 feet from (N)  line 1320 feet from (W)  line

Principal Contractor Abercrombie Drilling, Inc. Geologist Harold L. Steincamp

Spud Date October 13, 1974 Total Depth 4790' P.B.T.D.

Date Completed October 25, 1974 Oil Purchaser

**CASING RECORD**

Report of all strings set — surface, intermediate, production, etc.

Purpose of string	Size hole drilled	Size casing set (in O.D.)	Weight lbs/ft.	Setting depth	Type cement	Sacks	Type and percent additives
Surface	12 1/2"	8 5/8"		441'	Common	325	3% Ca.Cl. & 2% gel

**LINER RECORD**

**PERFORATION RECORD**

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval

**TUBING RECORD**

Size	Setting depth	Packer set at

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**ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD**

Amount and kind of material used


**INITIAL PRODUCTION**

Date of first production		Producing method (flowing, pumping, gas lift, etc.)			
RATE OF PRODUCTION PER 24 HOURS		Oil	Gas	Water	Gas-oil ratio
		bbls.	MCF	bbls.	CFPB
Disposition of gas (vented, used on lease or sold)			Producing interval (s)		

**INSTRUCTIONS:** As provided in KCC Rule 82-2-125, within 90 days after completion of a well, one completed copy of this Drillers Log shall be transmitted to the State Geological Survey of Kansas, 4150 Monroe Street, Wichita, Kansas 67209. Copies of this form are available from the Conservation Division, State Corporation Commission, 3830 So. Meridian (P.O. Box 17027), Wichita, Kansas 66217. Phone AC 316-522-2206. If confidential custody is desired, please note Rule 82-2-125. Drillers Logs will be on open file in the Oil and Gas Division, State Geological Survey of Kansas, Lawrence, Kansas 66044.

Operator <b>Abercrombie Drilling, Inc.</b>		DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.:
Well No. #1	Lease Name <b>LIVENGOOD</b>	Dry Hole
S <u>23</u> T <u>27S</u> R <u>18</u> * W		

**WELL LOG**

Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.

SHOW GEOLOGICAL MARKERS, LOGS RUN, OR OTHER DESCRIPTIVE INFORMATION.

FORMATION DESCRIPTION, CONTENTS, ETC.	TOP	BOTTOM	NAME	DEPTH
Surface clay & sand	0	390	<u>ELECTRIC LOG</u>	
Sand & Shale	390	441	Heebner	3996
Sand & Shale	441	600	Brown Lime	4142
Shale & Sand & Red Bed	600	1250	Lansing	4156
Shale	1250	2219	B/Kansas City	4553
Shale & Lime	2219	2708	Marmaton	4564
Lime & Shale	2708	3848	Mississippian	4722
Lime	3848	4790	Kinderhook	
Rotary Total Depth		4790	sand	4786
			ELTD	4793
<p>DST #1 (4156-4165) 15", 45", 60", 45", Good Blow. Recovered 20' gassy mud. IFP 48#-48#, IBHP 418#, FFP 48#-64#, FBHP 370#.</p> <p>DST #2 (4693-4744) 20", 45", 60", 45", Gas to surface in 3". 215,000-decreased to 158,000 at the end of the hour. Rec. 65' mud. IFP 59#-78#; IBHP 1381#; FFP 42#-23#; FBHP 1090#.</p> <p>DST #3 (4498-4507) 220' Zone. 15", 45", 60", 45". Strong blow. Rec. 120' gas in pipe, 588' salt water. IFP 23#-82#; IBHP 1520#; FFP 125#-272#; FBHP 1504#.</p> <p>DST #4 (4169-4195) 15", 45", 15", 45", Rec. 70' Mud. 1464' gas in pipe. IFP 11#-11#; IBHP 189#; FFP 23#-35#; FBHP 142#.</p> <p>1st plug set @ 500' w/150 sacks 2nd plug set @ 325' w/100 sacks 3rd plug set @ 180' w/ 50 sacks Set top with 15 sacks</p>				

USE ADDITIONAL SHEETS, IF NECESSARY, TO COMPLETE WELL RECORD.

Date Received	<p align="center"><i>Jerry A. Langrehr</i>          _____          Jerry A. Langrehr Signature          Exec. Vice President          _____          Title</p>
	<p align="center">October 29, 1974          _____          Date</p>