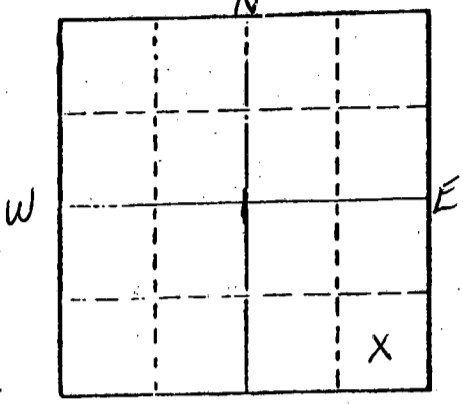


STATE OF KANSAS  
STATE CORPORATION COMMISSION

WELL PLUGGING RECORD

Give All Information Completely  
Make Required Affidavit  
Mail or Deliver Report to  
Conservation Division  
State Corporation Comm.  
245 North Water  
Wichita, KS 67202

Logan County. Sec. 1 Twp. 14S Rge. 33 NE/W  
Location as "NE/CNW $\frac{1}{4}$ SW $\frac{1}{4}$ " or footage from lines  
C SE SE  
Lease Owner Abercrombie Drilling, Inc.  
Lease Name HOBBLE Well No. 1  
Office Address 801 Union Center, Wichita, Kansas 67202  
Character of Well (Completed as Oil, Gas or Dry Hole)  
Dry Hole



Locate well correctly on above  
Section Plat

Date Well completed August 27, 1977  
Application for plugging filed (verbally) August 27, 1977  
Application for plugging approved (verbally) August 27, 1977  
Plugging commenced August 27, 1977  
Plugging completed August 27, 1977  
Reason for abandonment of well or producing formation  
No commercial quantity of oil or gas encountered  
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 Gilbert Balthazor  
Producing formation \_\_\_\_\_ Depth to top \_\_\_\_\_ Bottom \_\_\_\_\_ Total Depth of Well 4520  
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

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 hold. If cement or other  
plugs were used, state the character of same and depth placed, from \_\_\_\_\_ feet to  
\_\_\_\_\_ feet for each plug set.

Set 1st plug at 1000' with 70 sacks  
2nd plug at 200' with 20 sacks  
3rd plug at 40' with 10 sacks  
Cemented with 50/50 Posmix, 6% gel

Plug was down at 6:00 a.m., August 27, 1977

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09-13-77

CONSERVATION DIVISION  
Wichita, Kansas

(If additional description is necessary, use BACK of this sheet)

Name of Plugging Contractor Abercrombie Drilling, Inc.

STATE OF KANSAS COUNTY OF SEDGWICK, ss.

Jack L. Partridge, Assistant Secretary-Treasurer (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.

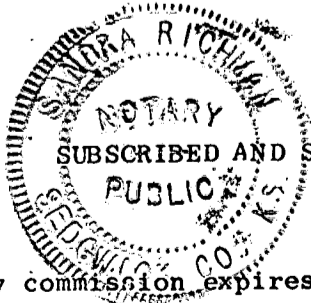
(Signature)

Jack L. Partridge

801 Union Center, Wichita, Kansas 67202  
(Address)

8th day of September, 19 77

Sandra Richman  
Sandra Richman Notary Public.



My commission expires July 21, 1979

**KANSAS DRILLERS LOG**

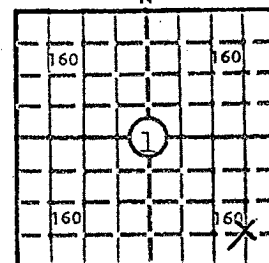
S. 1 T. 14S R. 33 <sup>Ex</sup> <sub>W</sub>

API No. 15 — 109 — 20085-00-00  
 County Number

Loc. C SE SE

County Logan

640 Acres  
N



Locate well correctly

Elev.: Gr. 2822

DF 2825 KB 2827

Operator  
Abercrombie Drilling, Inc.

Address  
801 Union Center, Wichita, Kansas 67202

Well No. 1 Lease Name HOBBLE

Footage Location  
feet from (N) (S) line \_\_\_\_\_ feet from (E) (W) line \_\_\_\_\_

Principal Contractor Abercrombie Drilling, Inc. Geologist Orlin Phelps

Spud Date August 16, 1977 Total Depth 4520 P.B.T.D. \_\_\_\_\_

Date Completed August 27, 1977 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 $\frac{3}{4}$ "	8-5/8"		219'	Common	165	2% gel 3% CaCl

**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

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

Amount and kind of material used	Depth interval treated

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CONSERVATION DIVISION  
Wichita, Kansas

**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.	bbls.	MCF	bbls.

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.

15-109-20085-00-00

Operator  
Abercrombie Drilling, Inc.

DESIGNATE TYPE OF COMP.: OIL, GAS,  
DRY HOLE, SWDW, ETC.:  
Dry Hole

Well No. 1 Lease Name HOBBLE

S 1 T 14S R 33 Ex 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	120	SAMPLE TOPS:	
Shale	120	225		
Sand & shale	225	1304	Anhydrite	2295 (+532)
Shale & sand	1304	1776	B/Anhydrite	2315 (+512)
Sand & shale	1776	2185	Foraker	3232 (-405)
Shale & sand	2185	2295	Tarkio	3417 (-590)
Anhydrite	2295	2315	Howard	3494 (-667)
Shale	2315	2804	Topeka	3551 (-724)
Sand & shale	2804	3059	Heebner	3779 (-952)
Shale & lime	3059	3180	Toronto	3796 (-969)
Shale & lime	3180	3878	Lansing	3822 (-995)
Lime	3878	3890	B/KC	4150 (-1323)
Lime & shale	3890	3940	Pawnee	4274 (-1447)
Lime	3940	4430	Miss.	4500 (-1673)
Lime & shale	4430	4503		
Lime	4503	4520	ELECTRIC LOG TOPS:	
Rotary Total Depth		4520		
DST#1 (3849-3890) 30", 60", 90", 60". Recovered 440' muddy water. IFP 43-75, IBHP 1172, FFP 107-247, FBHP 1099.			Anhydrite	2291 (+536)
DST#2 (4012-4042) 30", 60", 90", 60". Recovered 125' swcm w/few spots oil. IFP 21-32, IBHP 1310, FFP 43-75, FBHP 1299. Temp. 104.			Heebner	3776 (-946)
DST#3 (4064-4080) 30", 60", 30", 60". Weak blow - 30 minutes. Recovered 40' thin mud. IFP 21-21, IBHP 1289, FFP 21-21, FBHP 1278.			Toronto	3796 (-969)
			Lansing	3819 (-992)
			B/KC	4154 (-1327)
			Johnson Zone	4398 (-1571)
			Miss.	4502 (-1675)
			ELTD	4521 (-1694)

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CONSERVATION DIVISION  
Topeka, Kansas

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

Date Received

*Jack L. Partridge*  
Signature  
Jack L. Partridge, Ass't. Secretary-Treasurer  
Title  
September 8, 1977  
Date