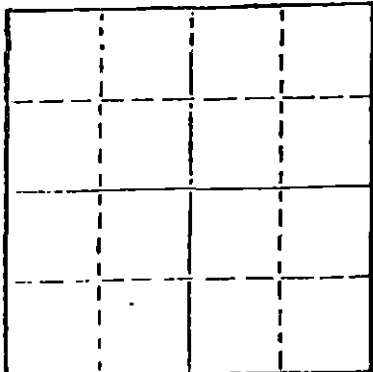


STATE OF KANSAS  
STATE CORPORATION COMMISSION

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



Locate well correctly on above  
Section Plat

Seward County. Sec. 2 Twp. 32S Rge. 31W E/W  
Location as "NE/CNW 1/4 SW 1/4" or footage from lines  
150' N/C NE 1/4

Lease Owner Imperial Oil Company  
Lease Name Barnhardt Well No. 1-2  
Office Address 720 4th Financial Center, Wichita, Ks.

Character of Well (Completed as Oil, Gas or Dry Hole) 67202  
Dry Hole

Date Well completed 3/14/78 19  
Application for plugging filed 3/14/78 19  
Application for plugging approved 3/14/78 19  
Plugging commenced 3/14/78 19  
Plugging completed 3/14/78 19

Reason for abandonment of well or producing formation  
Dry Hole

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 W. T. Owen  
Producing formation \_\_\_\_\_ Depth to top \_\_\_\_\_ Bottom \_\_\_\_\_ Total Depth of Well 3190'

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.

Drilling mud to 636', 50 sx common cement, mud to 40', 12 sx cement with bridge  
3 sx cement at rat hole.

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

Name of Plugging Contractor B & N Drilling Company, Division of Benson Mineral Group, Inc.

STATE OF KANSAS COUNTY OF MONTGOMERY, ss.

Luciller Shukers (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) Luciller Shukers

Box 846, Independence, Ks. 67301  
(Address)

SUBSCRIBED AND SWORN TO before me this 14th day of March, 1978

My commission expires 9/24/78

Jane McNickle  
Notary Public.

JANE MCNICKLE  
NOTARY  
PUBLIC  
Montgomery County, Kansas

15-175-20346-0000

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

**KANSAS DRILLERS LOG**

S. 2 T. 32 R. 31 <sup>NE</sup> W  
 Loc. 150' N/C NE  
 County Seward

API No. 15 — 175 — 20,346  
 County Number

Operator  
Imperial Oil Co

Address  
720 Fourth Financial Center Wichita, Kansas 67202

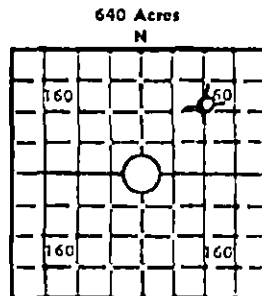
Well No. 1-2 Lease Name Barnhardt

Footage Location  
1170 feet from (N) 00 line 1320 feet from (E) (W) line

Principal Contractor B & N Drilling Company Geologist Terry McLeod

Spud Date 3-6-78 Total Depth 3201 P.B.T.D.

Date Completed 3-14-78 Oil Purchaser



Locate well correctly  
 Elev.: Gr. 2781'  
 DF \_\_\_\_\_ KB 2791'

**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		656		150 200	3% CaCl 2% Lite
Production	Plugged						

**LINER RECORD**

**PERFORATION RECORD**

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

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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 OFFICE OF THE ATTORNEY GENERAL  
 W. STATE, KANSAS

**INITIAL PRODUCTION**

Date of first production <u>D &amp; A</u>	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. Maridian (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 Imperial Oil Compar DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.: Dry Hole

Well No. 1-2 Lease Name Barnhardt

S 2 T 32 S R 31 W E 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
DST#1: 3081-3097" 60-45-60-120 Rec. 90' MSW ISIP: 638# FSIP: 654# IFP: 32-48 FFP: 48-48  DST#2: 3126-3151 60-120-180-120 Weak blow throughout, Rec. 320' MSW ISIP: 715# FSIP: 675# IFP: 20-70 FFP: 70-159			Herrington	2685' (106)
			Krider	2715' (76)
			Winfield	2766' (25)
			Fort Riley	2811' (-20)
			Council Gr.	3019' (-228)
			Dreitz Zone	4084' (-293)
			RTD	3200
			LTD	3201

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 CONSERVATION DIVISION  
 Wichita, Kansas

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

Date Received	Signature
	Title
	Date 3-23-1978