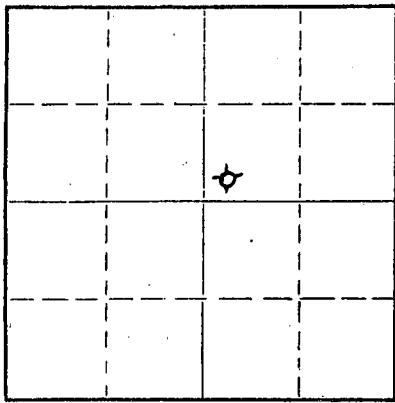


STATE OF KANSAS  
STATE CORPORATION COMMISSION

15-195-20511-00-00

Give All Information Completely  
Make Required Affidavit  
Mail or Deliver Report to:  
Conservation Division  
State Corporation Commission  
212 North Market, Insurance Bldg.  
Wichita, Kansas

WELL PLUGGING RECORD



Locate well correctly on above Section Plat

Trego County, Sec. 34 Twp. 11S Rge. 23W (E) (W)  
Location as "NE/CNW/SW" or footage from lines SW SW NE  
Lease Owner John O. Farmer, Inc.  
Lease Name Howat Well No. #1  
Office Address Box 352 Russell, Kansas 67665  
Character of Well (completed as Oil, Gas or Dry Hole) Dry Hole  
Date well completed 12-10-78 19  
Application for plugging filed Yes 19  
Application for plugging approved 19  
Plugging commenced 19  
Plugging completed 8:30 P.M. 12-10-78 19  
Reason for abandonment of well or producing formation  
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 Leo Massey  
Producing formation Depth to top Bottom Total Depth of Well 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

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.

Plug #1 950' w/ 70 sx. cement  
Plug #2 185' w/ 20 sx. cement  
Plug #3 40' w/ 10 sx. cement

RECEIVED  
STATE CORPORATION COMMISSION  
12-15-1978  
DEC 15 1978

CONSERVATION DIVISION  
Wichita, Kansas

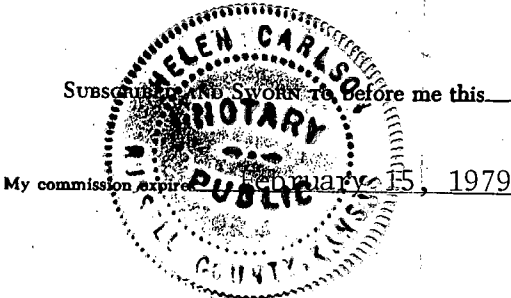
(If additional description is necessary, use BACK of this sheet)

Name of Plugging Contractor John O. Farmer, Inc.  
Address Box 352 Russell, Kansas 67665

STATE OF Kansas, COUNTY OF Russell, ss.  
John O. Farmer (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) John O. Farmer  
Box 352 Russell, Kansas 67665 (Address)

Subscribed and sworn to before me this 13th day of December, 1978



Helen Carlson Notary Public.

15-195-20511-00-00

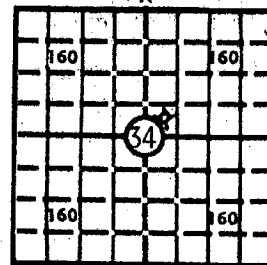
**KANSAS DRILLERS LOG**

S. 34 T. 11S R. 23W E W

Loc. SW SW NE

County Trego

640 Acres



Elev.: Gr. 2400

DF 2403 KB 2405

API No. 15 — 195 — 20,511-00-00  
County Number

Operator  
John O. Farmer, Inc.

Address  
Box 352 Russell, Kansas 67665

Well No. #1 Lease Name Howat

Footage Location  
330 feet from (N) (S) line 330 feet from (E) (W) line

Principal Contractor John O. Farmer, Inc. Geologist Sam L. Farmer

Spud Date 12-4-78 Total Depth 3924' P.B.T.D.

Date Completed 12-10-78 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 1/4	8-5/8	26	213'	Common	175	

**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

RECEIVED  
STATE CORPORATION COMMISSION  
12-15-1978  
DEC 15 1978

**INITIAL PRODUCTION**

CONSERVATION DIVISION  
Wichita, Kansas

Date of first production Producing method (flowing, pumping, gas lift, etc.)

RATE OF PRODUCTION PER 24 HOURS  
Oil Gas Water Gas-oil ratio  
bbis. 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  
John O. Farmer, Inc.

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

Well No. #1 Lease Name Howat Dry Hole

S 34 T 11SR23W 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
Post Rock & Sand	-0-	80		
Blue Shale	80	250		
Shale & Sand	250	835		
Sand	835	950		
Shale & Sand	950	1385		
Sand	1385	1582		
Red Bed	1582	1873		
Anhydrite	1873	1919		
Shale & Shells	1919	2340		
Shale & Lime	2340	3830		
Lime	3830	3924		

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

Date Received

*John O. Farmer*  
Signature  
President  
Title  
December 13, 1978  
Date