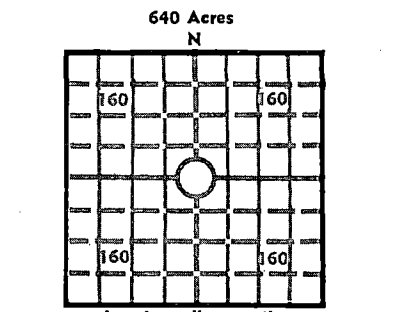


KANSAS DRILLERS LOG

S. 34 T. 34S R. 24 ^E/_W
 Loc. SE ¹/₄
 County Clark

API No. 15 _____
 County _____ Number _____



Locate well correctly
 Elev.: Gr. 1920
 DF 1929 KB 1931

Operator
Northern Natural Gas Co.

Address
Box 872, Woodward, OK 73801

Well No. 1-34 Lease Name Gabbart Trust

Footage Location
1250 feet from (N) (S) line 1250 feet from (E) (W) line

Principal Contractor Rine Drlg. Co. Geologist Bill Little

Spud Date 50-1-77 Total Depth 6032' P.B.T.D. 5991'

Date Completed 10-4-77 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
Conductor	-	20"	-	133'	Common	440	2% Chloride
Surface	17 1/4	8 5/8	24	704	Liteweight	275	3% CaCl
					Common	150	3% CaCl
Production	7 7/8	4 1/2"	11.60	6032	50-50 PO ₂	250	18% salt

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
None					

TUBING RECORD

Size	Setting depth	Packer set at
None		

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
1000 gal. Acid	5952 - 5690
750 gal. acid, 9000 gal. Ref. acid w/ 15000 gal. gel water	5705 - 5711
500 gal. acid, include w/ above 9000 gal.	5621 - 5625

INITIAL PRODUCTION

Date of first production _____ Producing method (flowing, pumping, gas lift, etc.)
 No commerical prod.

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

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

Northern Natural Gas Co.

Well No.

Lease Name

1-34

Gabbart Trust

dry hole

s 34 T 34SR24 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
Base Heebner shale		4290		
Lansing Kansas City	4475			
Marmaton	5137			
Cherokee	5314			
Morrow Shale	5585			
Chester	5606			
St. Gen.	5989			
Logs run:				
Welex Microseismogram			5100	5993
Shlumberger				
Dual Induction - Laterolog			705	6034
Compensated Neutron density log.			705	6026

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

Date Received

Charles W. Nickok

Signature

Production Supt.

Title

January 10, 1978

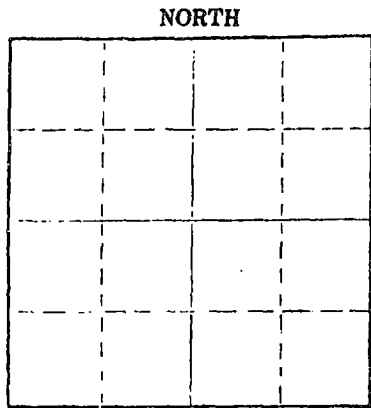
Date

15-225-20151-0000

STATE OF KANSAS
STATE CORPORATION COMMISSION
CONSERVATION DIVISION
P. O. BOX 17027
WICHITA, KANSAS 67317

FORM CP-4

WELL PLUGGING RECORD



Locate well correctly on above Section Plat

Clark County. Sec. 34 Twp. 34S Rge. (E)24 (W)
Location as "NE/CNW&SW&" or footage from lines. 1250' FSL 1250' FEL
Lease Owner Northern Natural Gas Co.
Lease Name Gabbart Trust Well No. 1-34
Office Address P.O. Box 872 Woodward, OK 73801
Character of Well (completed as Oil, Gas or Dry Hole) _____
Date well completed October 4 1977
Application for plugging filed January 10 1978
Application for plugging approved January 13 1978
Plugging commenced January 26 1978
Plugging completed February 3 1978
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 Clarence Thomas, Jr.
Producing formation _____ Depth to top _____ Bottom _____ Total Depth of Well 6043 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
				4 1/2"	6035'	5009.90'
				8 5/8"	705'	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.

- 1-26-78 Pumped 10 sks. cement and 2-4 1/2" rubber plugs to 5500', filled hole with fluid.
- 1-28-78 Filled hole with fluid.
- 2-2-78 Pumped fresh water plug from 755' to 655' with 50 sks. cement, capped surface with 10 sks. cement 4' to 34' and welded on steel plate.

(If additional description is necessary, use BACK of this sheet)
Name of Plugging Contractor Lillard & Wilson, Inc. Permit # 618
Address P.O. Box 962 Woodward, OK 73801

STATE OF OKLAHOMA COUNTY OF TULSA SS.
CHET H. JAMESON, JR. (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) Chet H. Jameson
P.O. Box 35288, Tulsa, OK 74135
(Address)

SUBSCRIBED AND SWORN TO before me this 7th day of March, 1978

My commission expires 1-23-82
Norma J. Lenos
Notary Public.

RECEIVED
MAR 10 1978
CONSERVATION DIVISION
Wichita, Kansas