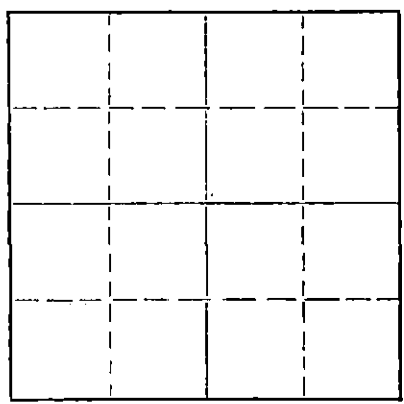


WELL PLUGGING RECORD

Give All Information Completely
Make Required Affidavit
Mail or Deliver Report to:
Conservation Division
State Corporation Commission
211 No. Broadway
Wichita, Kansas

McPherson County, Sec. 16 Twp. 21S Rge. (X) 1 (W)

NORTH



Locate well correctly on above
Section Plat

Location as "NE/CNW/SW" or footage from lines E/2 NE NW
Lease Owner Messman-Rinehart Oil Company
Lease Name Arnold Well No. 1
Office Address 1432 Wichita Plaza, Wichita, Kansas
Character of Well (completed as Oil, Gas or Dry Hole) Dry Hole
Date well completed April 23, 19 66
Application for plugging filed April 23, 19 66
Application for plugging approved April 23, 19 66
Plugging commenced April 23, 19 66
Plugging completed April 23, 19 66
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 Gilbert Toman, Holyrood, Kansas
Producing formation _____ Depth to top _____ Bottom _____ Total Depth of Well 3400 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"	203'	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.

Mudded up with heavy mud to 200 feet. Followed by wooden plug and 1/2 sack hulls. Placed 25 sacks cement onto hulls. Mudded up with heavy mud to 40 feet followed by wooden plug, 1/2 sack hulls and 10 sacks cement to base of well cellar. Plugged rat hole with 2 sacks cement.

RECEIVED
STATE CORPORATION COMMISSION

APR 27 1966

CONSERVATION DIVISION
WICHITA, KANSAS

(If additional description is necessary, use BACK of this sheet)
Name of Plugging Contractor Graves Drilling Co., Inc.
Address 412 Union Center, Wichita, Kansas

STATE OF KANSAS, COUNTY OF BUTLER, ss.
John C. Graves (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 C. Graves
412 Union Center, Wichita, Kansas 67202
(Address)

SUBSCRIBED AND SWORN TO before me this 26th day of April, 19 66

My commission expires April 30, 1967
Betty Brandt Notary Public.

ROTARY DRILLERS' LOG

OPERATOR: Messman-Rinehart Oil Co. DRILLING COMMENCED: April 16, 1966
 1432 Wichita Plaza
 Wichita, Kansas

CONTRACTOR: Graves Drilling Co., Inc. DRILLING COMPLETED: April 23, 1966
 412 Union Center
 Wichita, Kansas

CASING RECORD: 10 Jts. 203' 8-5/8" LOCATION: Arnold No. 1
 cemented with 170 sacks E/2 NE NW
 Section 16-21S-1W
 McPherson County, Kansas

0 - 210	Soil, sand & shale
210 - 575	Shale & lime
575 - 948	Lime & shale
948 - 1180	Lime with shale streaks
1180 - 1750	Shale & lime
1750 - 2091	Lime & shale
2091 - 2094	Lime
2094 - 2102	Shale
2102 - 2123	Lime
2123 - 2317	Sand & sandy shale
2317 - 2757	Lime
2757 - 2933	Lime & shale
2933 - 3068	Lime & chert
3068 - 3270	Lime
3270 - 3360	Shale with lime
3360 - 3375	Shale
3375 - 3380	Lime
3380 - 3400	Shale
3400	Rotary Total Depth

RECEIVED
 STATE CORPORATION COMMISSION
 APR 27 1966
 REGISTRATION DIVISION
 TOPEKA, KANSAS

I hereby certify the foregoing statements to be true and correct to the best of my knowledge.

GRAVES DRILLING CO., INC.

By Phil Graves
President

STATE OF KANSAS)
) SS:
BUTLER COUNTY)

Subscribed and sworn to before me, a Notary Public, this 26th of April, 1966.

Betty Brandt
Betty Brandt Notary Public

My commission expires: 4-30-67