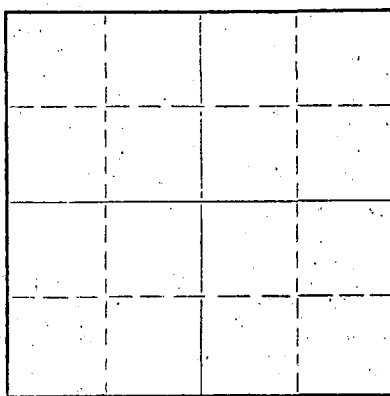


Give All Information Completely
Make Required Affidavit
Mail or Deliver Report to:
Conservation Division
State Corporation Commission
211 No. Broadway
Wichita, Kansas

WELL PLUGGING RECORD

Harper County, Sec. 19 Twp. 34 Rge. 9W (K) (W)

Location as "NE/CNW/SW" or footage from lines NE NE SE
Lease Owner Wm. Gruenerwald
Lease Name Cummings Well No. 1
Office Address 35 E. Wacker Drive Chicago, Illinois
Character of Well (completed as Oil, Gas or Dry Hole) Oil
Date well completed 19
Application for plugging filed 19
Application for plugging approved 19
Plugging commenced 19
Plugging completed April 3, 19 61
Reason for abandonment of well or producing formation



Locate well correctly on above Section Plat

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 Fred W. Hample
Producing formation Depth to top Bottom Total Depth of Well 4789' 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.

T. D. 4780' - SP 8 5/8" - 225' - CWC 5 1/2" 4789' - 150 sacks
Top. Perf. 4583'.
Bottom sand to 4565' - Pumped 25 sacks cement to 4000'
by Globe Cementing Co.

10 R. B. 250' - 20 sacks cement
R. B. 35' - 10 sacks cement

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CONSERVATION DIVISION
Wichita, Kansas

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

Name of Plugging Contractor Wilson Pipe Pulling
Address Stafford, Kansas

STATE OF Illinois COUNTY OF Cook, ss.
William Gruenerwald (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) *William Gruenerwald*

(Address)

SUBSCRIBED AND SWORN TO before me this 14th day of October, 1963

Dorothea J. Hoake
Notary Public

My commission expires 10/31/64

CUMMINGS #1

Well Record

Location: NE NE SE Section 19-34S-9W Harper County, Kansas
 Commenced: October 16, 1957
 Completed: November 4, 1957
 (rotary)

Operator: William Gruenewald
 35 East Wacker Drive
 Chicago, Illinois

Contractor: Graham-Michaelis Drilling Co.
 211 North Broadway
 Wichita, Kansas

Casing Record: 3 5/8" @255'
 5 1/2" @4788' Cement

Shale	100
Red Bed	37
Red Bed & Shale	265
Shale	1142
Shale & Shells	1438
Lime & Shale	1565
Shale & Lime	1878
Shale	2267
Shale & Lim	2720
Shale	3002
Shale & Lime	3153
Lime-Shale	3255
Shale & Lim e	3378
Shale	3737
Shale & Sand	3826
Lime-Shale	3975
Lim e	4100
Lime & Shale	4466
Lime-Shale	4546
Lime & Shale-Cherty	4589
Lime-Cherty	4635
Lime	4770
Sand	5058
	5069, RTD.

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 Wichita, Kansas

STATE OF KANSAS)
) ss.
 COUNTY OF SEDGWICK)

The undersigned, GRAHAM-MICHAELIS DRILLING COMPANY, hereby certifies that the above log is a true and correct log of the formation encountered in drilling the above well as reflected by the Daily Drilling Report.

GRAHAM-MICHAELIS DRILLING COMPANY
 By W. W. Michaelis, Jr.
 W. W. Michaelis, Jr.

Subscribed and sworn to before me
 this 3th day of November, 1957

Notary Public
 1/7/61