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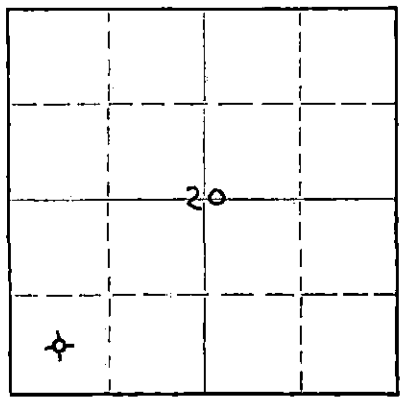
STATE OF KANSAS
STATE CORPORATION COMMISSION
Give All Information Completely
Make Required Affidavit
Mail or Deliver Report to:
Conservation Division
State Corporation Commission
211 No. Broadway
Wichita, Kansas

WELL PLUGGING RECORD

Meade County, Sec. 20 Twp. 32S Rge. (E) 30 (W)

Location as "NE/CNW/SW" or footage from lines SW/4 SW/4
Lease Owner William Gruenerwald
Lease Name Hayden Well No. 1
Office Address 35 East Wacker Drive, Chicago, Illinois
Character of Well (completed as Oil, Gas or Dry Hole) Dry Hole
Date well completed May 5, 19 64
Application for plugging filed May 5 (verbal) 19 64
Application for plugging approved May 5 19 64
Plugging commenced May 5 19 64
Plugging completed May 5 19 64
Reason for abandonment of well or producing formation Dry Hole

NORTH



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
Producing formation none Depth to top --- Bottom --- Total Depth of Well 6110' 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"	1596'	

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.
Filled hole with drilling mud, 35 sacks cement at 700', filled with mud to 40' plug and cement to ground level.

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JUL 9 1964 7-9-64

CONSERVATION DIVISION
Wichita, Kansas

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

Name of Plugging Contractor Graham-Michaelis Drilling Company
Address 211 North Broadway, Wichita, 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) *[Signature]*

(Address)

SUBSCRIBED AND SWORN TO before me this 18th day of June, 1964

[Signature]
Dorothea J. Haase
Notary Public.

My commission expires 10-31-64



HAYDEN #1

WELL RECORD:

LOCATION:

SW SW Section 20-32S-30W
Meade County, Kansas

Commenced: 4-11-64
Completed: 5-5-64
(Rotary)

CONTRACTOR:

Graham-Michaelis Drilling Co.
Liberal Division
P. O. Box 1294
Liberal, Kansas

CASING RECORD:

52 Joints 8-5/8" Casing
Cemented w/200 sx Pozmix 2% cc
and w/100 sx Pozmix & HA-5
followed w/ 375 sx Pozmix 2%
cc and 4% Gel

LOG

Surface Soil & Sand	0 - 243
Sand & Red Bed	243 - 643
Red Bed	643 - 1035
Red Bed & Shale	1035 - 1094
Sand & Shale	1094 - 1245
Red Bed & Shale	1245 - 1577
Anhy	1577 - 1615
Red Bed & Sand	1615 - 1685
Shale & Shells	1685 - 2140
Shale & Lime Streaks	2140 - 2358
Shale & Lime	2358 - 3147
Shale, Lime & Chalk Streaks	3147 - 3798
Lime	3798 - 3849
Lime & Shale	3849 - 3975
Lime	3975 - 4207
Lime & Shale	4207 - 4340
Lime	4340 - 6110

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CONSERVATION DIVISION
Wichita, Kansas

6110' - Total Rotary Depth

The undersigned, Graham-Michaelis Drilling Company, Liberal Division, certifies that the above log is a true and correct copy of the formations encountered in drilling the above mentioned well, as taken from the Daily Drilling Report.

GRAHAM-MICHAELIS DRILLING COMPANY
LIBERAL DIVISION

By 
H. R. Michaelis