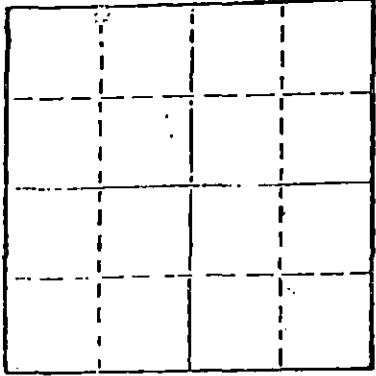


STATE OF KANSAS
STATE CORPORATION COMMISSION

WELL PLUGGING RECORD

Give All Information Completely
Make Required Affidavit
Mail or Deliver Report to
Conservation Division
State Corporation Comm.
245 North Water
Wichita, KS 67202

Kiowa County, Sec. 20 Twp. 29 Rge. 19W E/W
Location as "NE/CNW 1/4 SW 1/4" or footage from lines
C SW NE
Lease Owner Graham Michaelis
Lease Name Thach Well No. 1-20
Office Address Box 769 Woodward, Oklahoma 73801
Character of Well (Completed as Oil, Gas or Dry Hole) _____



Locate well correctly on above
Section Plat

Gas
Date Well completed _____ 19____
Application for plugging filed _____ 19____
Application for plugging approved _____ 19____
Plugging commenced _____ 2-17 1981
Plugging completed _____ 2-21 1981
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 Morris Leslie
Producing formation _____ Depth to top _____ Bottom _____ Total Depth of Well 5192
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	589	none
				4 1/2	5191	4572

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 hold. If cement or other plugs were used, state the character of same and depth placed, from _____ feet to _____ feet for each plug set.

- Pump 25 sks. of cement & 1 sk. of hull's from 5138 to 4900
- Pump 40 sks. of cement from 589 to 489
- Put 10 sks. of cement from 40 to 3
- Cut off & cap 8 5/8 3' below ground level

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

Name of Plugging Contractor Sargents Casing Pulling Ser. Box 506 Liberal, Kansas 67901 Ks. No. 511

STATE OF Kansas COUNTY OF Sedgwick, ss.
Jack L. Yinger, Vice President (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) Jack L. Yinger
P. O. Box 247, Wichita, Kansas 67201
(Address)

SUBSCRIBED AND SWORN TO before me this 12th day of March, 1981

Barbara A. Vann
Notary Public.

My commission expires 4-17-84

RECEIVED
STATE CORPORATION COMMISSION
MAR 16 1981

BARBARA A. VANN
STATE NOTARY PUBLIC
Sedgwick County, Kansas
My Appointment Expires:
4-17-84

CONSERVATION DIVISION
Wichita, Kansas
3-16-1981

MAR 9 1981

THACH #1-20

WELL RECORD:

LOCATION:

C SW NE Section 20-29S-19W
 Kiowa County, Kansas

Commenced: 7-6-65
 Completed: 7-20-65
 (Rotary)

CONTRACTOR:

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

CASING RECORD:

18 Joints 8-5/8" 24# Casing
 Cemented w/350 sx Common 2% cc

	<u>LOG</u>
Red Bed & Sand	0 - 812
Red Bed	812 - 2015
Lime & Shale	2015 - 4580
Lime	4580 - 4742
Lime & Shale	4742 - 4796
Lime	4796 - 5192

5192' - Total Rotary Depth

The undersigned, Graham-Michaelis Drilling, Inc., 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, INC.
 LIBERAL DIVISION

By *F. R. Stubblefield*
 F. R. Stubblefield

RECEIVED
 STATE COL. ENG.
 FEB - 4 1965
 COL. ENG.
 WICHITA, KANSAS