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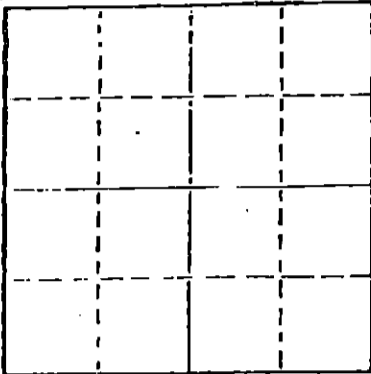
STATE OF KANSAS
STATE CORPORATION COMMISSION

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

Stafford County, Sec. 20 Twp. 21S Rge. 11W E/W
Location as "NE/CNW $\frac{1}{4}$ SW $\frac{1}{4}$ " or footage from lines
NW NW SW

Lease Owner F. G. Holl
Lease Name Richardson #1-20 Well No. 1-20
Office Address 6427 East Kellogg, Wichita, Kansas 67207
Character of Well (Completed as Oil, Gas or Dry Hole) Dry Hole



Locate well correctly on above
Section Plot

Date Well completed November 19, 1980
Application for plugging filed November 19, 1980
Application for plugging approved November 19, 1980
Plugging commenced 10:30 AM, November 19, 1980
Plugging completed 11:15 AM, November 19, 1980
Reason for abandonment of well or producing formation Dry Hole

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 Wm. T. Owen
Producing formation _____ Depth to top _____ Bottom _____ Total Depth of Well 3560'
Show depth and thickness of all water, oil and gas formations.

OIL, GAS OR WATER RECORDS

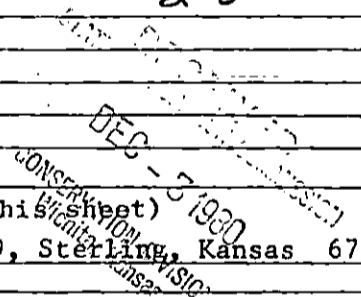
CASING RECORD

FORMATION	CONTENT	FROM	TO	SIZE	PUT IN	PULLED OUT
				8 5/8"	286'	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 hold. 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 heavy mud.
Heavy mud to 420' with 40 sacks of 50/50 Pozmix with 2% gel through open ended drill pipe; heavy mud to 270' with 40 sacks at 270' through open ended drill pipe; heavy mud with solid bridge and plug with 10 sacks at 40'; 10 sacks to surface. 10 sacks in rat hole.

12-3-80



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

Name of Plugging Contractor Sterling Drilling Company, P. O. Box 129, Sterling, Kansas 67579

STATE OF KANSAS COUNTY OF RICE, ss.
F. A. Wuellner (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) F. A. Wuellner
STERLING DRILLING COMPANY
F. A. Wuellner, Secretary
P. O. Box 129, Sterling, Kansas 67579
(Address)

SUBSCRIBED AND SWORN TO before me this 21st day of November, 1980.

My commission expires



Bernard Laudermilk
Bernard Laudermilk, Notary Public.

STERLING DRILLING COMPANY
P. O. Box 129
Sterling, Kansas 67579

WELL LOG ----- RICHARDSON #1-20
Located: NW NW SW, Section 20-21S-11W, Stafford County,
Kansas

OWNER: F. G. Hall
ROTARY DRILLING CONTRACTOR: Sterling Drilling Company

COMMENCED: November 13, 1980

COMPLETED: November 19, 1980

TOTAL DEPTH: 3560'

<u>LOG</u>	<u>CASING RECORD</u>
0 - 130 Sand	Ran 6 joints used 8 5/8", 280 OD casing. 273.96' pipe set at 286' K.B.
130 - 289 Clay, Shale	Cemented with 225 sacks 60/40 Pozmix with 3%cc. Plug down at 7:30 PM, 11-13-80, by Howco.
289 - 1425 Red Beds and Shale	
1425 - 3159 Lime and Shale	
3159 - 3187 Lime	
3187 - 3500 Lime and Shale	
3500 - 3560 Lime, Shale and Sand	Plugged.

Deviation Surveys: 3/4° at 1556'
4° at 3187'

DEC - 5 1980
CONSERVATION DIVISION
Wichita, Kansas