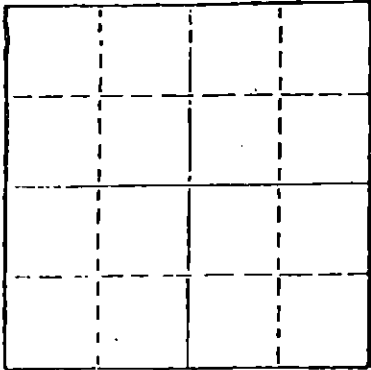


STATE OF KANSAS
STATE CORPORATION COMMISSION

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

Edwards County. Sec. 24 Twp. 24S Rge. 18W E/W
Location as "NE/CNW $\frac{1}{4}$ SW $\frac{1}{4}$ " or footage from lines
990' FNL; 660' FWL, NE/4
Lease Owner F. G. Holl
Lease Name Cross #4-24 Well No. 4-24
Office Address 6427 East Kellogg, Wichita, Kansas 67207
Character of Well (Completed as Oil, Gas or Dry Hole)



Locate well correctly on above
Section Plot

Dry Hole
Date Well completed September 21, 19 81
Application for plugging filed September 21, 19 81
Application for plugging approved September 21, 19 81
Plugging commenced 6:00 PM, September 21, 19 81
Plugging completed 8:15 PM, September 21, 19 81
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 Gilbert Toman
Producing formation Depth to top Bottom Total Depth of Well 4600'
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"	265'	None
						9-24-81

Describe in detail the manner in which the well was plugged, indicating where the mud 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.

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SEP 24 1981

CONSERVATION DIVISION
Wichita, Kansas

Filled hole with heavy mud.
Heavy mud to 850' with 50 sacks 50/50 Pozmix with 2% gel and 3% cc through open ended drill pipe at 850';
heavy mud to 300' with 30 sacks through open ended drill pipe at 300'. Heavy mud to 40' with Howco plug and 1/2 sack hulls with solid bridge at 40'; 10 sacks to surface; 10 sacks in ~~water~~ rathole and 5 sacks in water well.

(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.

STERLING DRILLING COMPANY
(Signature) *F. A. Wuellner*
F. A. Wuellner, Secretary
P. O. Box 129, Sterling, Kansas 67579
(Address)

SUBSCRIBED AND SWORN TO before me this 22nd day of September, 19 81.



Agnes D. Wurst
Agnes D. Wurst, Notary Public.

My commission expires _____

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

WELL LOG ----- CROSS #4-24
Located: 990' FNL; 660' FWL, NE/4, Section 24-24S-18W,
Edwards County, Kansas

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

COMMENCED: September 15, 1981
COMPLETED: September 21, 1981

TOTAL DEPTH: 4600'

<u>LOG</u>	<u>CASING RECORD</u>
0 - 268 Shale	Ran 6 joints new 8 5/8", 24# casing.
268 - 675 Shale, Sand, Red Bed	252.99; set at 265' K.B. Cemented
675 - 1186 Shale	with 210 sacks 60/40 Pozmix with 3% cc.
1186 - 1202 Anhydrite	Plug down at 6:45 PM, 9-15-81, by Howco.
1202 - 1760 Shale	
1760 - 2252 Shales and Lime Str.	
2252 - 4575 Lime and Shale	
4575 - 4600 Lime	Plugged.

Deviation Surveys: 3/4° at 2252'
1 3/4° at 4480'

9-24-81

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STATE CORPORATION COMMISSION

SEP 24 1981
CONSERVATION DIVISION
Wichita, Kansas