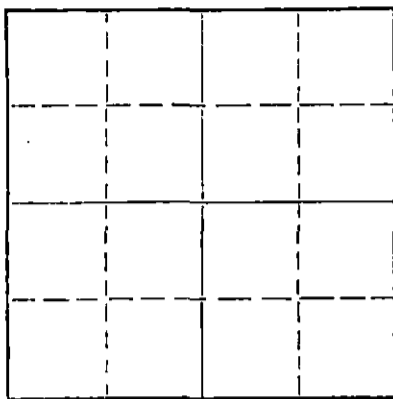


WELL PLUGGING RECORD

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

Stafford County, Sec. 16 Twp. 21 S Rge. 14 West (W)  
Location as "NE/CNW/SW" or footage from lines SW, NW of NE 1/4  
Lease Owner ~~Ratzlaff~~ Ehrlich Drilling Company  
Lease Name Ratzlaff Well No. 2  
Office Address P. O. Box 173, Wilson, Kansas 67490  
Character of Well (completed as Oil, Gas or Dry Hole) dry hole  
Date well completed December 12, 1969 19  
Application for plugging filed December 13, 1969 19  
Application for plugging approved December 13, 1969 19  
Plugging commenced 5:45 P. M. December 13, 1969 19  
Plugging completed 6:45 P. M. December 13, 1969 19  
Reason for abandonment of well or producing formation Dry hole



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 Ralph Warren  
Producing formation \_\_\_\_\_ Depth to top \_\_\_\_\_ Bottom \_\_\_\_\_ Total Depth of Well 3700 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
FRESH WATER SAND	<del>6x8 rock</del> water sand	28	36 feet			
				8 5/8th	304 feet	none
				Cemented with 200 sacks of cement By Globe Oil Well Cementing, Inc. Invoice # 13529		

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.

First Plug set at 350 feet with 25 sacks of cement;

Second Plug set at 310 feet with 15 sacks;

Third Plug set at 40 feet with 8 sacks of cement and 2 sacks in rat hole.

RECEIVED  
STATE CORPORATION COMMISSION  
JAN 28 1970  
CONSERVATION DIVISION  
Wichita, Kansas

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

Name of Plugging Contractor Ehrlich Drilling Company  
Address Box 173, Wilson, Kansas 67490

STATE OF KANSAS, COUNTY OF ELLSWORTH, ss.  
Jim Ehrlich, part owner

(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) Jim Ehrlich  
Box 173, Wilson, Kansas 67490

(Address)

Subscribed AND sworn to before me this 26 th day of January, 1970

My commission expires 23 1972  
D. R. Frevert  
Notary Public

Notary Public.

W E L L L O G

Albertina Ratzlaff

15.185.20235.0000

Well No. 2

Location: Center of the Southwest Quarter [SW $\frac{1}{4}$ ] of the Northwest Quarter [NW $\frac{1}{4}$ ] of the Northeast Quarter [NE $\frac{1}{4}$ ] of Section 16, Township 21 South, Range 14 West, STAFFORD COUNTY, KANSAS  
Commenced: November 28, 1969  
Completed: December 13, 1969 6:45 p. m.

Operator: Ehrlich Drilling Company, P. O. Box 173, Wilson, Kansas 67490  
Plugged: December 13, 1969 6:45 p. m. with 50 sacks of cement.

Contractor: Ehrlich Drilling Company  
P. O. Box 173  
Wilson, Kansas 67490  
Production: D & A  
Elevation: 1938 K. B.

Casing record: 304 feet of 8-5/8ths inch cemented with 200 sacks of common cement by Globe Oil Well Cementing Inc., Great Bend, Kansas, their invoice 13529 on November 28, 1969 & plugged by same with 50 sacks on December 13, 1959, their invoice # 14457 under State supervision.

- - \* \* L O G \* \* - -

(Figures indicate bottom of formation except where noted. These markers are by drilling time or from drilling sample measurements only land not by electric log)

Surface soil	15	Continued:	
Fresh water sand	45	Zeandale lime	2755
shale	75	Scrantone shale	2880
sand	130	Topeka lime	2994
Cedar Hill sand	395	Queen Hill shale	3172
Salt Plains	740	Heebner shale	3274
Harper siltstone	858	Toronto lime	3298
Stone corral	888	Iatan lime	3391
Ninnescah shale	1345	LANSING LIME	3402
Hutchinson salt	1710	Base of Kansas City lime	3619
THE FOLLOWING ARE TOPS:		VIOLA LIME	3652
Chase limes	1822	First Simpson shale	3701
Council Grove lime	2155	SIMPSON SAND	3706
Janesville shale	2470	Second Simpson shale	3720
Wabaunsee limes	2525	ARBUCKLE DOLOMITE	3732
Stotler lime	2700	TOTAL DEPTH	3751

ZONES OF PETROLEUM ODOR OR FREE OIL

Toronto: 3301 to 3310  
LANSING: 3440 to 3450; 3522 to 3530; 3565  
VIOLA: 3665

NO FREE OIL OR GAS WAS RECOVERED FROM THE DRILL STEM TESTS TAKEN IN THE VIOLA & SIMPSON ZONES.

The undersigned, Richard B. Schmidt, 1219 College Avenue, Topeka, Kansas 66604, petroleum exploration consultant, for the above named operator and contractor had charge of the geological supervision and hereby certifies that the above log is a true and correct log of the formations encountered in drilling the above well as reflected by the daily drilling reports, drilling time and sample examinations. There was no electric log run on this well so these markers are as nearly correct as humanely possible without the electric log markers.

Very sincerely,

*Richard B. Schmidt*  
RICHARD B. SCHMIDT,  
Petroleum Exploration Consultant,  
AB & BBA