

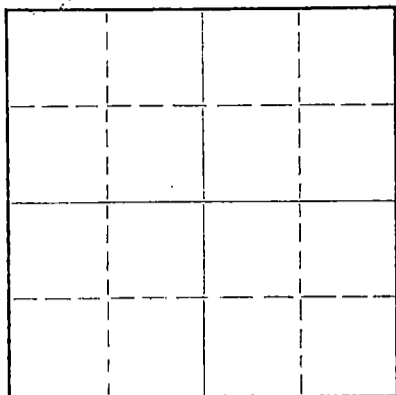
WELL PLUGGING RECORD

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

Barton County, Sec. 27 Twp. 20S Rge. (E) 11W(W)

Location as "NE/CNW%SW%" or footage from lines SE NW SE
Lease Owner Thunderbird Drilling, Inc.
Lease Name Rukan Well No. 1
Office Address 712 Union Center, Wichita 2, Kansas
Character of Well (completed as Oil, Gas or Dry Hole) Dry Hole
Date well completed March 14 19 62
Application for plugging filed March 14 19 62
Application for plugging approved March 14 19 62
Plugging commenced March 14 19 62
Plugging completed March 14 19 62
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 Donald Truan
Producing formation _____ Depth to top _____ Bottom _____ Total Depth of Well 3374 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

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.

Layed down drill pipe. Plug 1/4 sack
hulls - 25 sacks cement at 240'. Plug
1/4 sack hulls - 10 sacks cement at 35'.

RECEIVED
STATE CORPORATION COMMISSION
MAR 22 1962
CONSERVATION DIVISION
Wichita, Kansas

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

Name of Plugging Contractor Thunderbird Drilling, Inc.
Address 712 Union Center, Wichita 2, Kansas

STATE OF Kansas, COUNTY OF Sedgwick, ss.
Charles W. Aikins, Jr. (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) Charles W. Aikins, Jr., President
712 Union Center, Wichita 2, Kansas
(Address)

SUBSCRIBED AND SWORN TO before me this 20th day of March, 1962

Rose Marie Kuhlman
Notary Public.

My commission expires February 1, 1964



DRILLERS LOG

#1 Rugan

LOCATION: SE NW SE of Section 27,
Township 20 South, Range 11 West,
Barton County, Kansas

CONTRACTOR: Thunderbird Drilling, Inc.
712 Union Center
Wichita 2, Kansas

SURFACE CASING: 8-5/8" surface casing set at 245'
with 180 sacks cement, 1% gel,
3 sacks ammonia chloride, 3
sacks calcium chloride.

ELEVATION: 1774' K. B.
1771' D. F.
1769' G. L.

COMMENCED: March 7, 1962

COMPLETED: March 14, 1962

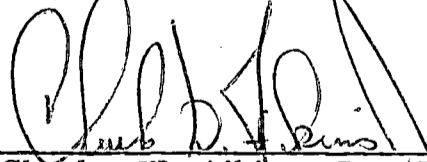
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MAR 29 1962
CONSERVATION DIVISION
Wichita, Kansas

WELL LOG:

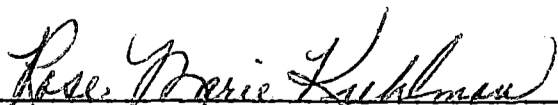
0 -	115	Sand
115 -	245	Shale
245 -	725	Shale and Red Bed
725 -	1435	Shale and Shells
1435 -	1730	Shale and Lime
1730 -	2015	Lime and Shale
2015 -	2810	Shale and Lime
2810 -	3125	Lime and Shale
3125 -	3300	Lime
3300 -	3374	Lime and Shale
3374		Rotary Total Depth

The undersigned, Charles W. Aikins, Jr., an officer of Thunderbird Drilling, Inc., hereby certifies that the above is a true and correct log of the formations encountered in the drilling of the #1 Rugan as shown in the daily drilling reports.

THUNDERBIRD DRILLING, INC.


Charles W. Aikins, Jr., President

Subscribed and sworn to before me this 20th day of March, 1962.


Rose Marie Kuhlman, Notary Public

My commission expires 2-1-64.