

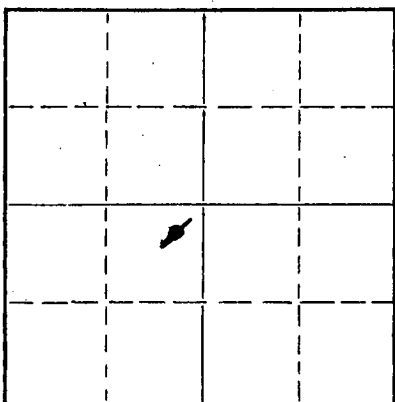
STATE OF KANSAS  
STATE CORPORATION COMMISSION

Give All Information Completely  
Make Required Affidavit  
Mail or Deliver Report to:  
Conservation Division  
State Corporation Commission  
800 Bitting Building  
Wichita, Kansas

WELL PLUGGING RECORD

Barton County. Sec. 32 Twp. 17S Rge. 13W (E) (W)

Location as "NE/CNW%SW%" or footage from lines NE NE SW  
Lease Owner Harwood Oil Company  
Lease Name Rowland Well No. 1  
Office Address 1008 Bitting Building - Wichita, Kansas  
Character of Well (completed as Oil, Gas or Dry Hole) Oil  
Date well completed October 10 1949  
Application for plugging filed June 22 1955  
Application for plugging approved June 22 1955  
Plugging commenced June 27 1955  
Plugging completed July 1 1955  
Reason for abandonment of well or producing formation No longer Economical



Locate well correctly on above Section Plat

If a producing well is abandoned, date of last production April 12 1955  
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 Warren Horner  
Producing formation Arbuckle ? Depth to top 3321 Bottom 3347 Total Depth of Well 3347 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
<u>Arbuckle</u>	<u>2 BOPD</u>	<u>3321</u>	<u>3347</u>	<u>8-5/8"</u>	<u>793'</u>	<u>None</u>
				<u>5-1/2"</u>	<u>3322'</u>	<u>2619'</u>

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.

Filled the hole with sand from 3347' to 3310' and ran 5 sacks of cement. Mudded the hole to 300', set a 10' rock bridge and ran 20 sacks of cement at 290'. Mudded the hole to 35', set a 5' rock bridge and ran 10 sacks of cement on top. Plugging completed.

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

Name of Plugging Contractor West Supply Co., Inc.  
Address Chase, Kansas

STATE OF Kansas, COUNTY OF Sedgwick, ss.  
R. J. Harwood (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) R. J. Harwood  
1008 Bitting Bldg. (Address)

SUBSCRIBED AND SWORN TO before me this 6<sup>th</sup> day of July, 1955

My commission expires August 22, 1957  
Gladys Trenary Notary Public.

**PLUGGING**  
FILE SEC 32 T 17 R 13W  
BOOK PAGE 47 LINE 43

RECEIVED  
STATE CORPORATION COMMISSION  
PCUB  
JUL 7 - 1955  
07-07-55  
WICHITA, KANSAS

The Harwood Oil Company  
Wichita, Kansas

Tulsa, Oklahoma  
October 5, 1949

CONTRACTOR: Stickle Drilling Company  
Rowland #1 NE-NE-SW- Section 32-17S-13W. Barton County, Kansas.

DRILLING COMMENCED: September 20, 1949  
DRILLING COMPLETED: October 1, 1949

DRILLERS LOG

Clay & Sand	0-70
Shale & Shells	70-230
Sand, Shale & Shells	230-260
Shale & Shells	260-265
Shale, Iron & Shells	265-365
Sand, Shale & Shells	365-399
Shale & Shells	399-465
Sandy Shale	465-485
Shale & Shells	485-525
Red Bed & Shells	525-783
Anhydrite	783-810
Shale & Shells	810-1240
Salt & Shale	1240-1450
Shale & Shells	1450-1500
Shale & Lime	1500-1580
Lime & Shale	1580-1905
Lime	1905-1970
Shale & Lime	1970-2375
Lime & Shale	2375-2565
Shale & Lime	2565-2825
Lime	2825-3007
Lime & Shale	3007-3073
Lime	3073-3319
Conglomerate	3319-3321
Arbuckle	3321-3325 TD. With Rotary

I, Frank E. Stickle, certifies the above is a true and correct copy of the drillers log covering The Harwood Oil Company's Rowland #1 NE-NE-SW- Section 32-17S-13W, Barton County, Kansas.

Frank E. Stickle  
Frank E. Stickle

Lillian T. Bonham  
Notary Public  
February 13, 1952  
My commission expires

PLUGGING  
BOOK PAGE LINE

CONSERVATION DIVISION  
TULSA, OKLAHOMA