

15-065-00082-0000

WELL PLUGGING RECORD

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

FORMATION PLUGGING RECORD

Strike out upper line
when reporting plugging
off formations.

Graham County. Sec. 4 Twp. 10S Rge. (E) 21 (W)

Location as "NE $\frac{1}{4}$ NW $\frac{1}{4}$ SW $\frac{1}{4}$ " or footage from lines. NE/4

Lease Owner. Phillips Petroleum Company

Lease Name. Harlan Well No. 1

Office Address. Bartlesville, Oklahoma

Character of Well (completed as Oil, Gas or Dry Hole) Dry Hole

Date well completed. September 6, 1948 19

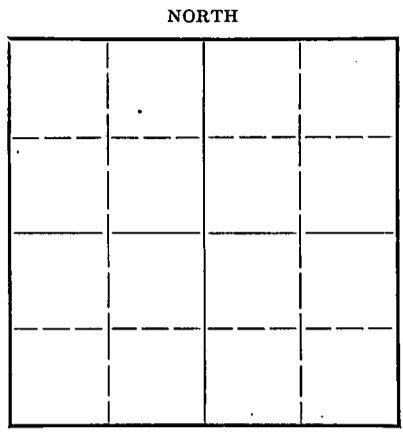
Application for plugging filed. August 7, 1948 (Verbal) 19

Application for plugging approved. August 7, 1948 (Verbal) 19

Plugging commenced. August 7, 1948 19

Plugging completed. August 7, 1948 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. M. A. Rives

Producing formation. None Depth to top. Bottom. Total Depth of Well 4025 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>Heebner</u>	<u>Dry</u>	<u>3496</u>		<u>8 5/8"</u>	<u>1363'</u>	<u>None</u>
<u>Toronto</u>	<u>Dry</u>	<u>3516</u>				
<u>Lansing Kansas City</u>	<u>Dry</u>	<u>5535</u>				
<u>Arbuckle</u>	<u>Dry</u>	<u>3938</u>	<u>4025</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 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 and pushed wood plug to 1300'. Spotted 25 sacks of cement at 1300'. Filled with heavy mud and pushed plug to 200'. Spotted 15 sacks of cement at 200'. Filled with heavy mud and pushed plug to 30'. Spotted 10 sacks of cement at 30' in filling to base of cellar.

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

Correspondence regarding this well should be addressed to Ralph McKnight
Address Box 528 Russell, Kansas

STATE OF Kansas, COUNTY OF Russell, ss.
Ralph McKnight (employee of owner) or (~~owner~~) 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) Ralph McKnight
Box 528 Russell, Kansas
(Address)

SUBSCRIBED AND SWORN to before me this 4th day of January, 1949
Robert L. Johnson Notary Public.

My commission expires June 14, 1952

FILED
SEC 4 T 10 R 21 W
BOOK PAGE 48 LINE 13

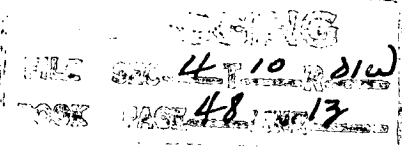
01-06-49

Formation Record

Lease **Harlan**

Well No. **1**

FROM	TO	Formation	REMARKS
0	40	Surface clay and sand	Elevation 2273.5' TFS
40	130	Sand	
130	650	Shale and shells	
650	750	Shale and sand	
750	965	Sand	
965	1065	Shale and shells	
1065	1140	Iron	
1140	1215	Shale and shells	
1215	1250	Hard sand	
1250	1350	Sand	
1350	1390	Shale and sand	
1390	1440	Sand	
1440	1740	Sand and red bed	
1740	1782	Anhydrite	
1782	2090	Shale and shells	
2090	2170	Salt	
2170	2250	Salt and shale	
2250	2310	Shale and shells	
2310	2640	Lime and shale	
2640	2725	Lime	
2725	2820	Lime and shale	
2820	2875	Shale	
2875	2950	Lime and shale	
2950	3070	Shale	
3070	3210	Lime	
3210	3420	Lime and shale	
3420	3594	Lime	
3594	3785	Lime and shale	Top Weebner 3150'
3785	3831	Lime	Toronto 3516'
3831	3873	Shale, lime and chert	etc 3535'
3873	3897	Conglomerate	
3897	3929	Reworked arg. silt	
3929	3963	Conglomerate	
3963	4025	Lime and shale	Top truckle + 3938'



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