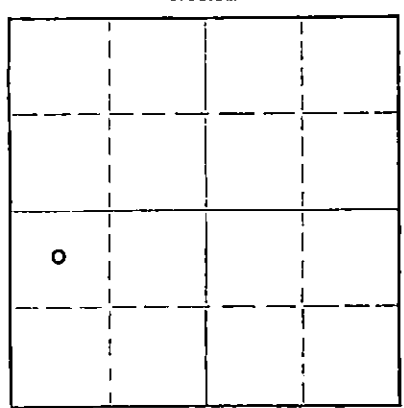


Give All Information Completely  
Make Required Affidavit  
Mail or Deliver Report to:  
Conservation Division  
State Corporation Commission  
211 No. Broadway  
Wichita, Kansas

WELL PLUGGING RECORD

Pawnee County, Sec. 19 Twp. 21S Rge. (E) 15 (W)  
Location as "NE/CNW/SW" or footage from lines Ctr. NW/4 SW/4  
Lease Owner H. C. Hopkins  
Lease Name Bird Well No. 1  
Office Address 8801 Maple Drive, Overland Park, Kansas  
Character of Well (completed as Oil, Gas or Dry Hole) Dry Hole  
Date well completed October 9 19 63  
Application for plugging filed October 9 19 63  
Application for plugging approved October 9 19 63  
Plugging commenced October 9 19 63  
Plugging completed October 9 19 63  
Reason for abandonment of well or producing formation Dry

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 \_\_\_\_\_  
Producing formation \_\_\_\_\_ Depth to top \_\_\_\_\_ Bottom \_\_\_\_\_ Total Depth of Well 3834 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
				8-5/8"	940'	none

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.

Set plug at 400 feet with 25 sx. cement and 1/4 sk. hulls, Set plug at 180 feet with 25 sx. cement and 1/4 sk. hulls. Set plug at 35 feet with cement to top.

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STATE CORPORATION COMMISSION  
OCT 29 1963  
10-29-63  
CONSERVATION DIVISION  
Wichita, Kansas

(If additional description is necessary, use BACK of this sheet)  
Name of Plugging Contractor Messman-Rinehart Oil Company  
Address 1432 Wichita Plaza Bldg., Wichita 2, Kansas

STATE OF Kansas, COUNTY OF Sedgwick, ss.  
J. A. Gilliland (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) J. A. Gilliland  
1432 Wichita Plaza Bldg., Wichita 2, Kansas  
(Address)

SUBSCRIBED AND SWORN TO before me this 23rd day of October, 19 63  
Barbara J. Scott  
Barbara J. Scott, Notary Public.  
My commission expires December 1, 1964



NO. 1 BIRDWell Record:

Location: Ctr. NW/4 SW/4  
Section 19-21S-15W  
Pawnee County, Kansas

Operator: H. C. Hopkins  
8801 Maple Drive  
Overland Park, Kansas

Contractor: Messman-Rinehart Oil Company,  
1432 Wichita Plaza Bldg.  
Wichita 2, Kansas

Casing Record: 8-5/8" @ 940' w/450 sx. cement,  
2% gel, 2% c.c.

Commenced: September 28, 1963  
Completed: October 9, 1963  
Elevation: 1968' K/B  
Production: D & A

## \* \* \* L O G \* \* \*

Sand and Gravel	105
Shale	360
Sand	485
Red Bed	750
Red Bed & Shale	932
Anhydrite	940
Anhydrite	965
Shale & Shells	1315
Shale & Shells	1750
Shale & Lime Shells	1800
Lime & Shale	2180
Lime	2435
Shale & Lime	2625
Lime & Shale	2840
Lime	2935
Lime & Shale	3175
Lime	3390
Lime & Shale	3440
Lime	3650
Lime & Shale	3710
Lime, Shale & Chert	3758
Conglomerate (Cherty)	3780
Shale (Simpson)	3805
Lime	3829
Arbuckle Lime	3834 R.T.D.

Sample Tops:

3341'	- Heebner (-1373')
3359'	- Toronto (-1391')
3376'	- Douglas (-1408')
3440'	- Brown Lime (-1472')
3449'	- Lansing (-1481')
3665'	- Base Kansas City (-1697')
3722'	- Viola (-1754')
3820'	- Arbuckle (-1852')

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STATE CORPORATION COMMISSION

OCT 29 1963

CONSERVATION DIVISION  
Wichita, Kansas

The undersigned, MESSMAN-RINEHART OIL COMPANY, hereby certifies that the above log is a true and correct log of the formation encountered in drilling the above wells as reflected by the Daily Drilling Reports.

MESSMAN-RINEHART OIL COMPANY

By: J. A. Gilliland

J. A. Gilliland

Subscribed and sworn to before me  
this 23rd day of October, 1963.

Barbara J. Scott  
Barbara J. Scott, Notary Public

My Commission Expires: December 1, 1964