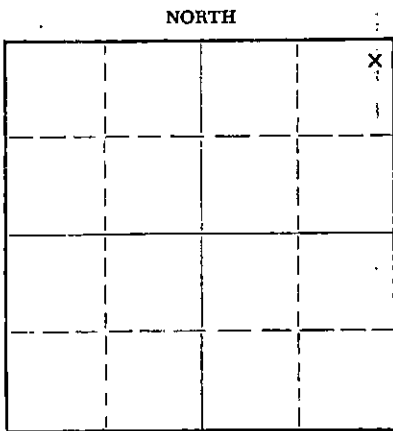


STATE OF KANSAS  
STATE CORPORATION COMMISSION

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

Kingman County. Sec. 13 Twp. 28 Rge. 7 (E) W (W)  
Location as "NE/CNW/SW" or footage from lines NE NE NE  
Lease Owner Messman & Rinehart  
Lease Name Greenleaf Well No. 1  
Office Address 518 Petroleum Bldg., Wichita, Kansas  
Character of Well (completed as Oil, Gas or Dry Hole) gas well  
Date well completed 12-11 19 61  
Application for plugging filed 4-02 19 64  
Application for plugging approved 4-03 19 64  
Plugging commenced 4-21 19 64  
Plugging completed 4-22 19 64  
Reason for abandonment of well or producing formation depleted



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 Archie Elving  
Producing formation Depth to top Bottom Total Depth of Well 2933 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	197	none
				4 1/2	2945	2592.14

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 hole with sand to 2900 feet and dumped 4 sacks cement.  
Bridge at 300 feet, mud hole to 250 feet, set 10 foot rock bridge and  
dumped 40 sacks cement. Mud hole to 40 feet and dumped 10 sacks cement.

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MAY 5 1964

CONSERVATION DIVISION  
Wichita, Kansas

(If additional description is necessary, use BACK of this sheet)  
Name of Plugging Contractor Flint Engineering & Construction Co.  
Address Box 950, El Dorado, Kansas

STATE OF Kansas, COUNTY OF Butler, ss.  
(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) Mary Payne  
El Dorado, Kansas  
(Address)

SUBSCRIBED AND SWORN TO before me this 1st day of May, 19 64

My commission expires Sept. 27, 1967

Ronald P. Harrison  
Notary Public.

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STATE CORPORATION COMMISSION

JUL 7 1964

NO. 1 GREENLEAF

CONSERVATION DIVISION  
Wichita, Kansas

Well Record:

Location: NE/4 NE/4 NE/4  
Section 13-23S-7W  
Kingman County, Kansas

Operator: Hessman-Rinehart Oil Company  
518 Petroleum Building  
Wichita, Kansas

Contractor: Hessman-Rinehart Oil Company  
518 Petroleum Building  
Wichita, Kansas

Commenced: November 30, 1961

Completed: December 11, 1961  
(Rotary)

Elevation: 1532' R/B

Production: Gas

Casing Record: 8-5/8" @ 197' w/125 sx. cam., 3 gal., 2 c.c.  
4-1/2" @ 2945' w/50 sx. cam., 1 gal.

\*\*\* LOG \*\*\*

Red Bed	130	
Shale & Shells	197	
Shale & Red Bed	725	
Shale & Lime	1120	<u>Sample Tops:</u>
Lime & Shale	1545	2896' - Hoehner (-1364)
Lime	1645	2904' - Toronto (-1372)
Lime & Shale	1997	
Lime	1938	
Lime & Shale	2700	
Lime	2915	
Lime & Shale	2945 R.T.D.	

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

HESSMAN-RINEHART OIL COMPANY

By: J. A. Gilliland  
J. A. Gilliland

Subscribed and sworn to before me  
this 12th day of January, 1962.

Barbara J. Scott  
Barbara J. Scott, Notary Public

My Commission Expires: December 1, 1964

COMPLETION DATA

Hessman-Rinehart Oil Company  
 No. 1 Greenleaf  
 NE/4 NE/4 NE/4, Sec. 13-29S-7W  
 Kingman County, Kansas

- 12/14/61 -- Moved in cable tools
- 12/15/61 -- Perf. 2900-12' w/16 cone shots, Treated with 250 gal. acid, Went in at 600#, Swabbed back and well did not kick off
- 12/17/61 -- Treated with 1500 gal. acid, started in at 700#, Decreased to 400# in 1 min., 200# in 5 min, 50# in 18 min., On vacuum in 23 min., well shut in 30 min., Ran swab twice and well kicked off and flowed at the rate of 2,170 Mcfg, 875# tbg., 925# csg.
- Shut in tbg. pressures - 950# in 1 min., 1000# in 2 min., 1050# in 3 min., 1090# in 4 min., 1125# in 5 min.
- Shut in for gas line connection - 12/17/61
- 12/27/61 -- Cities Service Gas Company four-point test: 5,300 Mcfg open flow

HESSEMAN-RINEHART OIL COMPANY

By: Roger L. Hessman

Roger L. Hessman

RLH/bjs  
 1/12/62

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JUL 7 1964

CONSERVATION DIVISION  
 Wichita, Kansas