

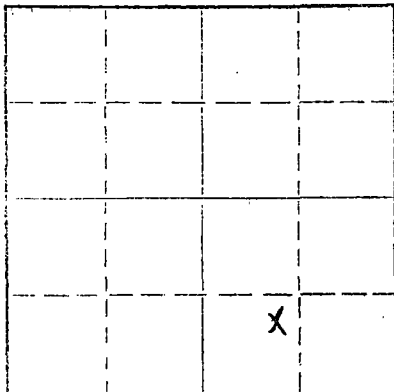
STATE OF KANSAS  
STATE CORPORATION COMMISSION

Form CP-4

Give All Information Completely  
Make Required Affidavit  
Mail or Deliver Report to:  
Conservation Division  
State Corporation Commission  
P. O. Box 17027  
Wichita, Kansas 67217  
NORTH

WELL PLUGGING RECORD

Stafford County. Sec. 27 Twp. 21 Rge. 13 (E) W (W)  
Location as "NE/CNW/SW" or footage from lines NE SW SE  
Lease Owner Atlantic Richfield Company  
Lease Name Gates Well No. # 12  
Office Address P. O. Box 521 ; Tulsa, Oklahoma 74102  
Character of Well (completed as Oil, Gas or Dry Hole) \_\_\_\_\_  
Date well completed \_\_\_\_\_ 19\_\_\_\_  
Application for plugging filed May 1973  
Application for plugging approved May 1973  
Plugging commenced May 29 1973  
Plugging completed July 26 1973  
Reason for abandonment of well or producing formation \_\_\_\_\_



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 Russell Biberstein  
Producing formation \_\_\_\_\_ Depth to top \_\_\_\_\_ Bottom \_\_\_\_\_ Total Depth of Well \_\_\_\_\_ 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"	270	None
				5 1/2"	3715	2990

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.

May 29, 1973 Plugged off bottom. Dumped sand to 3300'. Mixed and dumped 5 sx of cement.

July 26, 1973 Plugged off top. Allied Cementing Co. mixed and pumped down 8 5/8" surface casing; 3 sx of hulls, 10 sx of gel, released plug and 100 sx of cement + 2% gel.

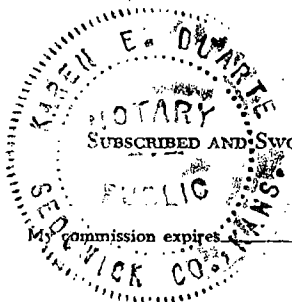
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SEP 5 1973  
CONSERVATION DIVISION  
Wichita, Kansas

(If additional description is necessary, use BACK of this sheet)  
Name of Plugging Contractor RUSS CASING PULLING, INC.  
Address P. O. Box 1082 ; Great Bend, Ks. 67530

STATE OF KANSAS COUNTY OF SEDGWICK, ss.  
Robert M. Brentlinger (executor, 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) [Signature]  
207 Brown Building - Wichita, Kansas 67202  
(Address)

SUBSCRIBED AND SWORN to before me this 4th day of September, 19 73



Karen E. Duarte  
Notary Public.

# WELL RECORD

THE ATLANTIC REFINING COMPANY  
830 Kennedy Building  
Tulsa 3, Oklahoma

Gates Pool

Block or Twp. 21S - 13W

Lease Gates  
Lease No. KS-3818  
County Stafford

Well No. 12

Location Center NE SW SE of  
27-21S-13W

State Kansas

Elevation 1876 D.F. Feet

Drilled { Contract  
          { Company Tools

Contracted Depth  
Completed Depth

Feet { Started 4-1-49  
Feet { Completed 5-10-49  
Date { Deepened  
      { Cleaned Out

Name of Contractor Lohman & Johnson Drilling Co.

REACHED T.D.: 4-16-49

Contract Price Per Foot

Day Work

Well Estimated Cost  
Well Actual Cost

Method of Drilling

BEFORE SHOOTING

AFTER SHOOTING

Initial Production  
Settled Production

Flowing  
on Pump

Initial Production  
Settled Production

Flowing  
on Pump

Baume Test

Water With Oil

%

Casing Record

Torpedo Record

SIZE SET PULLED  
8-5/8" 264' set at 272' w/200  
sax cement & 200# calcium chloride.

5 1/2" set at 3715' (RKB) w/175 sax cement.

Date Company From To Feet Size of Shell Total Qts.

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MAY 18 1973  
CONSERVATION DIVISION  
Wichita, Kansas

FORMATION RECORD ATTACHED.

TOTAL DEPTH ----- 3716 T.D.

TOPS: Brown Lansing	3298	Viola	3562
White Lansing	3316	Simpson	3605
		Arbuckle	3655

DST 3656 to 3666 Open 55 minutes. Recovered 2000' oil, 100' oil and gas cut mud, no water. 1/2" top and bottom choke. BHP 925# in 10 minutes.

Set 3720.01' of 5 1/2" OD 15 1/2# casing at 3715' (RKB) w/175 sax cement.

Moved in cable tools. Drilled out to 3705. Bailed dry.

Perforated 3686 to 3690 w/ 16 holes. Tested 10 bbls. live oil and 80 bbls. salt water in 24 hours.

Squeezed w/65 sax. 2500#. Baker retainer.

Perforated 3696 to 3701 w/40 holes. Made 10 BWPH, no oil.

Squeezed w/25 sax. Maximum pressure 2600#.

Cleaned out to 3690.

Perforated 3684 to 3685 w/4 holes. Made 5 BWPH, no oil.

Ran 10 gallons plastic. Filled up to 3681 PBB. ----- 3681 P.B.D.

Set 14 hours. Bailed.

Perforated 3674 to 3676 w/8 holes. 200' fill up fluid per hour, about 80% water.

21 hour swab test thru perforations 3674 to 3676, 43 bbls. water and 33 bbls. oil.

Perforated: 3660 to 3661 w/4 holes. Small increase. 3664 to 3668 w/16 holes. Lost some oil.

3660 to 3664 w/16 holes. Swabbed 3 BFPH, 30% water. 3656 to 3660 w/16 holes.

Unprorated.

PRODUCING AREA: 3656 - 3668  
3674 - 3676

TOTAL DEPTH ----- 3716 T.D.  
3681 P.B.D.

GATES #12 - FORMATION RECORD

<u>FORMATION</u>	<u>TOP</u>	<u>BOTTOM</u>
Surface sand & gravel	0	195
Shale & shells	195	248
Shale	248	890
Shale, shells	890	1095
Shale	1095	1540
Shale & shells	1540	1560
Lime & shale	1560	1935
Lime	1935	1975
Shale & lime	1975	2045
Shale & shells	2045	2085
Lime & shale	2085	2280
Shale & shells	2280	2430
Shale	2430	2600
Shale & shells	2600	2660
Shale	2660	2810
Lime & shale	2810	2930
Lime	2930	3015
Shale & lime	3015	3055
Lime & shale	3055	3272
Shale & lime	3272	3345
Lime	3345	3390
Lime & shale	3390	3482
Lime	3482	3512
Lime & shale	3512	3583
Lime	3583	3620
Shale	3620	3655
Arbuckle lime	3655	3716 T.D.
Total Depth	3716	
Plug Back Depth	3681	

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