

15-147-00680-00-00

STATE OF KANSAS  
STATE CORPORATION COMMISSION  
CONSERVATION DIVISION  
800 BITTING BUILDING  
WICHITA, KANSAS

WELL PLUGGING APPLICATION FORM

Well Location <sup>990' S)</sup> 990' W Cen.        Sec. 27 Twp. 5 Rge. 20 (E)        (W) West

Field Name (if any) Ray County Phillips

Lease (Farm Name) Hartshorn Well No. 1

Was well log filed with application? Yes If not, explain circumstances and give available data (Use an additional sheet if necessary)       

Log attached.

Date and hour plugging is desired to begin Immediately

Plugging of the well will be done in accordance with the Rules and Regulations of the State Corporation Commission, or with the approval of the following exceptions: Explain fully any exceptions desired (Use an additional sheet if necessary)       

Name of the person on the lease in charge of well for owner       

J. A. Cleverley Address Russell, Kansas

Name of well owner or Acting Agent Cities Service Oil Company

Address Bartlesville, Oklahoma

Invoice covering assessment for plugging this well should be sent to:

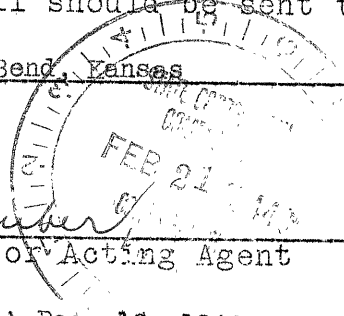
Cities Service Oil Co. Address Box 751, Great Bend, Kansas

and payment will be guaranteed by applicant.

**PLUGGING**  
FILE 27 5-20-44  
BOOK PAGE 103 NE-2-

R. C. Hester  
Operator or Acting Agent

Date (Confirming) Dec. 18, 1943.



2-21-44

15-147-00680-0000

Company Cities Service Oil Co. Well No. 1 Farm Hartshorn  
 Location 990' South and 990' West of Center Sec. 27 T. 5 R. 20W  
 Elevation 2165 County Phillips State Kansas  
 Initial Prod. Dry - Plugged and Abandoned Contractor H. W. Rine Drilling Co.  
 Acid 3000 gals. 3321-23 and 3347-58; 2000 gals. 3321 Drig. Comm. Oct. 9, 1943  
 T. D. 3630 Drig. Comp. Oct. 27, 1943

CASING RECORD:

8-5/8" @ 158' con. 125 sz cement  
 5-1/2" @ 3630' con. 150 sz cement  
 Pulled 2626' of 5 1/2" casg.

FORMATION RECORD:

clay	0-20
sand	50
shale	540
shale & sand	1185
sand & shale	1570
shale	1665
anhydrite	1700
shale	2045
shale & lime	2180
shale & shells	2365
shale & lime	2505
shale & shells	2610
shale	2760
shale & lime	2860
shale & shells	3115
shale & lime	3215
lime	3630 T. D.

Slope Test (Acid Bottle):

500' OK  
 1000' OK  
 1500' OK  
 2000' OK  
 2500' OK

**PLUGGING**  
 FILE NO. 27 5 R 20W  
 BOOK PAGE 103 LINE 2

Top Lassing 3321'  
 Top Gorham 3597'  
 Top Arbuckle 3617'  
 Penetration 13'  
 Total Depth 3630'

Drilled cement to 3614 BLM; perf. 60 shots 3596-3608; 4 gals. fluid per hour.

Perf. 12 shots 3608-10; 125' wtr., 10 mins., 200' water in 40 mins., 850' water in 3-3/4 hrs.

Set lane-wells bridge plug at 3569 BLM.

Perf. 60 shots 3347-58; 1/2 bailer muddy water in 1/2 hour. Perf. 12 shots 3321-23; 1/3 bailer fluid (small show oil) in 1/2 hr., 15 gals. water and 2 gals. oil in 1 hr.

Perf. 24 shots 3503-07, no increase. Perf. 24 shots 3302-08, no increase.

Plugged back to 3476 BLM with crushed rock and 2 sz cement. Set packer at 3313 and acidized with 3000 gals. Pumped 2 1/2 bbls. fluid (25% water) per hr. Set packers at 3310 and 3343, and acidized 3321-23 with 2000 gals. Pumped 3 1/2 bbls. fluid (80% water) per hour.

2-21-44



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CONSERVATION DIVISION  
800 BITTING BUILDING  
WICHITA, KANSAS

December 27, 1943

IN REPLY PLEASE  
REFER TO THIS  
SUBJECT

Well No. 1  
Farm Hartshorn  
Description SW NE NW 27-5-20W  
County Phillips  
File 103-2

Cities Service Oil Co.  
Box 751  
Great Bend, Kansas

Gentlemen:

This letter is your permit to plug  
the above subject well, in accordance  
with the Rules and Regulations of the  
STATE CORPORATION COMMISSION

Very truly yours,

STATE CORPORATION COMMISSION

T. A. MORGAN, DIRECTOR  
CONSERVATION DIVISION

HA

By: J. P. Roberts  
J. P. Roberts

NOTICE:

C. T. Alexander-Great Bend, Ks.