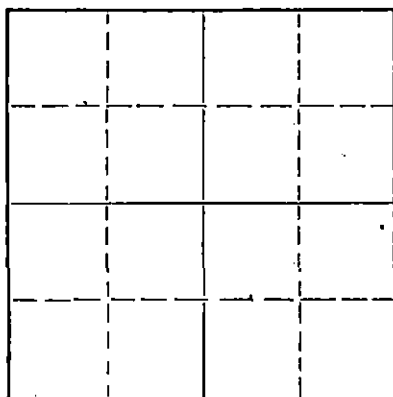


Give All Information Completely
Make Required Affidavit
Mail or Deliver Report to:
Conservation Division
State Corporation Commission
800 Bitts Building
Wichita, Kansas

15-167-05839-0000

WELL PLUGGING RECORD

NORTH

Locate well correctly on above
Section Plat

Russell County. Sec. 2 Twp. 14 Rge. (E) 15 (W)
Location as "NE/CNWxSWx" or footage from lines 990' N & 380' E of Center
Lease Owner Cities Service Oil Co.
Lease Name Johnson A Well No. 19
Office Address Bartlesville, Oklahoma
Character of Well (completed as Oil, Gas or Dry Hole) oilwell
Date well completed 10-7-52 19
Application for plugging filed 6-29-54 19
Application for plugging approved 7-1-54 19
Plugging commenced 7-2-54 19
Plugging completed 7-3-54 19
Reason for abandonment of well or producing formation non-commercial

If a producing well is abandoned, date of last production 5-14-54 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 Mr. Charlie Stough
Producing formation Tarkio Depth to top 2458' Bottom Total Depth of Well 2607' 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	242'	0
				4 1/2	2606'	1811'

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.

Sand to 2450', dump 3 sx. cement, mud to 250', rock bridge to 240'
dump 20 sx. cement, mud to 35', rock to 25', 10 sx. cement to surface.

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

Name of Plugging Contractor Schull Casing Pulling Co.
Address Great Bend, Kansas

STATE OF KANSAS, COUNTY OF BARTON, ss.
James Porter (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)

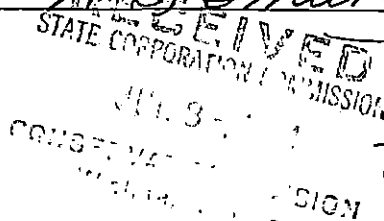
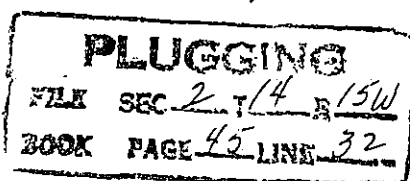
Box 553, Russell, Kansas
(Address)

SUBSCRIBED AND SWORN TO before me this 7th day of July, 1954

My commission expires

2-12-1955

Notary Public.



7-8-54

WELL RECORD

Company Cities Service Oil Co. Well No. 9 Farm Johnson "A"
 Location 990' North and 330' East of Center Sec. 2 T. 14 R. 15W
 Elevation 1899 (1897 Gr.) County Russell State Kansas
 Drlg. Comm. September 28, 1952 Contractor Lohmann-Johnson Drilling Co., Inc.
 Drlg. Comp. October 7, 1952 Acid 1000 gals. Tarkio Ls. 10-12-52
 T. D. 2607' Initial Prod. 34 oil, trace water, 24 hrs. (12-9-52) (Tarkio Sand)
 P. B. T. D. 2478'

CASING RECORD:

8-5/8" @ 242' cas. 125 sz cement and
 31 sz Stratacrete
 4-1/2" @ 2606' cas. 150 sz cement

FORMATION RECORD:

sand & shale	C-395
shale & red bed	920
pyrite & shale	932
anhydrite	975
shale & shells	1375
shale & lime	1734
lime & shale	2029
lime	2099
lime & shale	2161
lime, chert & shale	2191
lime	2275
lime & shale	2512
cored shale & lime	2527 1/2
cored lime & streaks	
shale	2542
shale & lime	2610

2610 RTD = 2607 SW

Corr. First Tarkio	2458'
Corr. Second Tarkio	2482'
Corr. Tarkio Limestone	2519'
Total Depth	2607'

Drilled cement to 2581 S. L. H.

Perf. 19 shots 2538-42.
 Perf. 20 shots 2531-36.
 Perf. 18 shots 2523-28.

PLUGGING

FILE SEC 2 T 14 R 15W
 BOOK PAGE 45 LINE 32

10-12-52 Acidized 1000 gals. 2523-42.
 10-15-52 Pumped 46 oil, 290 wtr., 24 hrs.
 11-10-52 Pumped 2 oil, 23 wtr., 24 hrs.

Set retainer at 2515 and squeezed with 200 sacks cement; 184 sacks through perfs., 2000# standing pressure.

P. B. T. D. 2515 S. L. H.

Perf. 24 shots 2510-14.
 Perf. 24 shots 2504-08.
 Perf. 36 shots 2496-2502.
 Perf. 48 shots 2486-94.

Set packer at 2395 and sand-fractured with 2000# sand and 106 bbls. oil in 19 mins., treating pressure 3100-2400#.

Did not recover all of oil used in sand-fracture.

Set Lane-Wells plug at 2480; 1 gal. rock on plug; P. B. T. D. 2478 S. L. H.

Perf. 66 shots 2461-72.

Sand-fractured with 1500# sand and 101 bbls. oil in 12 mins., treating pressure 3200-2600#.

12-9-52 Pumped 34 oil, trace water, 24 hrs. from Tarkio Sand.

SLOPE TESTS (ACID BOTTLE): 500' 0°
 1000' 0°
 1500' 0°

7-7/8" rotary hole.