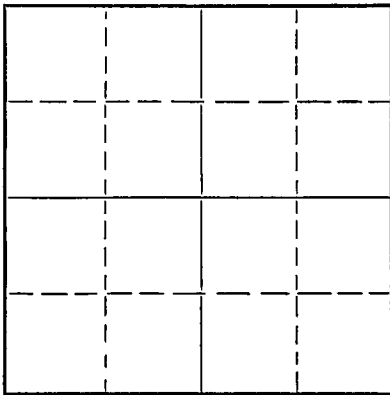


WELL PLUGGING RECORD

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

NORTH



Locate well correctly on above  
Section Plat

Location as "NE/CNW $\frac{1}{4}$ /SW $\frac{1}{4}$ " or footage from lines Ellis County, Sec. 22 Twp. 11 Rge. (E) 17 (W)  
 Lease Owner Cities Service Oil Co.  
 Lease Name Johanson " " Well No. 4  
 Office Address Wartlesville, Oklahoma  
 Character of Well (completed as Oil, Gas or Dry Hole) Oil  
 Date well completed 9-27-57 1957  
 Application for plugging filed 9/23 1957  
 Application for plugging approved 9/24 1957  
 Plugging commenced 9/27 1957  
 Plugging completed 9/27 1957  
 Reason for abandonment of well or producing formation non commercial

If a producing well is abandoned, date of last production 3/29 1957  
 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 R. Eldon Betty  
 Producing formation Arkuckle Depth to top 3400 Bottom 41 Total Depth of Well 3404 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
				15"	103'	
				7"	3401'	1518'

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 with rock and sand to 3385', dumped 7' ex cement, filled with mud to 300', set rock bridge, dumped 25' ex cement, mud to 35', 10' ex cement to surface.

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

Name of Plugging Contractor Miller Casing Pulling Co. 10-21-52  
 Address Great Bend, Kansas

STATE OF \_\_\_\_\_, COUNTY OF \_\_\_\_\_, ss.

James Porter (employee of owner) 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) James Porter  
 Box 453, Wichita, Kansas  
 (Address)

SUBSCRIBED AND SWORN to before me this 8th day of October, 1957  
W. S. Smith  
 Notary Public.

My commission expires 3-17-1955  
 23-8390-s 6-51-20M

PLUGGING  
 FILE REC 23 11 R 1224  
 BOOK PAGE 46

# WELL RECORD

15-051-03371-0000

Company..... Cities Service Oil Co. Well No. 4 Farm Johansen "A"  
 Location..... 330' S. & 989.5' W. of NE Cor. Sec. 22 T. 11 R. 17W  
 Elevation..... County Ellis State Kansas  
 Drlg. Comm. Aug. 24, 1937 Contractor Southern & Thurmond  
 Drlg. Comp. Sept. 27, 1937 Acid None  
 T. D. 3404' Initial Prod. 1856 oil, 0 water, 24 hrs. (natural)

CASING RECORD:

16" OD            104' cem. 90 sx  
 10"                1048' cem. 400 sx  
 7" OD             3400' SLM cem. 225 sx

FORMATION RECORD:

cellar & surface	10
clay & sand	106
sand & shells	145
shale	220
shale & shells	473
sand	544
shale	554
pyrite	562
shale & sand	600
shale	655
sand	745
shale	770
sand	780
shale & shells	885
sand	895
shale	975
red bed & shale	1066
anhydrite	1128
red bed	1225
shale & shells	1455
salt	1640
lime shale	1795
shale, shells & red rock	1880
shale & lime	1985
lime	2035
lime & shale	2075
lime	2145
lime & shale	2805
lime	3330
shale & lime	3375
shale (cored 3398-3401)	3401
lime	3403
lime	SLM Corr. 3403 = 3402
	3404 T.D.

Top Cherty Congl.	3347'
Top Simpson Dolomite	3374'
Top Arbuckle	3400'
Penetration	4'
Total Depth	3404'

Total fillup 3100' oil in hole in 2 1/2 hrs.

SYFO:    450'    0°  
           600'    1/2°  
           1000'    1°  
           1500'    1°  
           1750'    1/2°  
           2250'    1-1/2°  
           2400'    1°  
           2750'    1/2°  
           3000'    1/2°  
           3160'    1°

PLUGGING

FILE REC-22 T. 11 R. 17W

BOOK REC-46 W. 11

09-24-52