

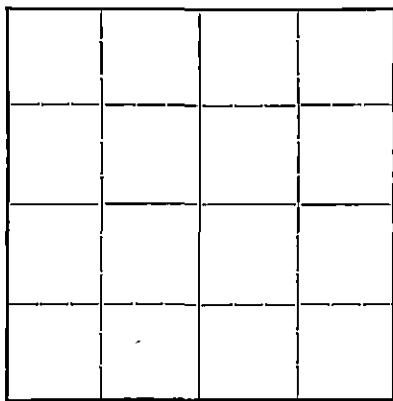
STATE OF KANSAS
STATE CORPORATION COMMISSION

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

15-167-07192-0000
WELL PLUGGING RECORD
OR
FORMATION PLUGGING RECORD

Strike out upper line
when reporting plug-
ging off formations.

NORTH



Locate well correctly on above
Section Plat

Russell County, Sec. 2 Twp. 14 Rge. (E) 15 (W)
Location as "NE $\frac{1}{4}$ NW $\frac{1}{4}$ SW $\frac{1}{4}$ " or footage from lines NW SW
Lease Owner Cities Service Oil Co.
Lease Name Crawford Well No. 12
Office Address Bartlesville, Okla.
Character of Well (completed as Oil, Gas or Dry Hole) Oil Well
Date, well completed 1/12/1937
Application for plugging filed 5/27/41
Application for plugging approved 5/27/41
Plugging Commenced 6/8/41
Plugging Completed 6/24/41
Reason for abandonment of well or producing formation Water- Unprofitable
If a producing well is abandoned, date of last production
Was permission obtained from the Conservation Division or its agents before plugging was com-
menced? Yes

Name of Conservation Agent who supervised plugging of this well G. T. Alexander
Producing formation Topoka Lime Depth to top 2879' Bottom Total Depth of Well 2984' 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
Topoka Lime	Water			155/8"	910'	337'
				85/8"	5039'	2633'
Note: Crawford #12 was cemented back from 5059' to 2984' in September 1940 in order to test the Topoka Lime.						

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 mud to 2960', dumped 20' cement, mud to 2860' dumped
30' cement, mud to 285' dumped 25 sacks cement, mud to 10' dumped 12 sacks
cement, mud & dirt to surface.

pd 7/11/41
FRI 2 14.9 15W
BOU 139 LINE 18

7-18-41
JUL 18
STATE CORP. COMM.
CONSERV. DIV.

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

Correspondence regarding this well should be addressed to R. C. Hauber
Address Cities Service Oil Co. Great Bend, Kansas

STATE OF Kansas, COUNTY OF Russell, ss.
J. A. Glover (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)

Cities Service Oil Co. Russell, Kansas
(Address)

SUBSCRIBED AND SWORN to before me this 16 day of July, 19 41

My commission expires Jan. 26, 1942

Notary Public.

WELL RECORD

Company Empira Oil & Refining No. 12 Farm CrawfordLocation 30°S - 330°E of W/4 Sec. 2 T. 14 R. 15WElevation _____ County Russell State KansasDate Commenced: 12-7-36

1215 oil, 0 wtr. nat.

Date Completed: 1-12-37Initial Production 1996 after 2000 gals. acidDrld. by Herman TrappT.D. 3059' SIM

24 hrs.

CASING RECORD:

20" 21'6" pulled
 15 3/8" 350' U.R. 599' Pulled
 13 3/8" 910' Left in
 10" 2285' U.R. 2349' Pulled
 8 5/8" 2888' U.R. 3039' SIM. Left in

WATER RECORD:

190-205' 5 BW
 240-252' HFW
 280-335' HFW
 375-400' HFW
 695-705' 3 BW
 705-765' 5 BW
 2275-85' HFW
 2324-27' S.O. & some water
 2380' 4-1/2 BWPH
 2390' Too much wtr. to bail
 2950-60' 1 BWPH
 3005-10' HFW

Formation:

Depth:

Cellar 10
 Yellow clay 20
 Shale blue 190
 Water sand grey 205
 Shale blue 220
 Red rock 240
 Sand grey 252
 Red rock 280
 Sand grey 335
 Red rock 350
 Shale blue 370
 Lime 375
 Sand grey 400
 Shale blue 435
 Shale grey sandy 455
 Shale blue 475
 Sand gray 515
 Red rock 580
 Sand red 594
 Red rock 901
 Lime anhydrite 910
 Lime 940
 Red rock 1100

PLUGGING

FILE NO. 2-14-R15W
 BOOK 139 LINE 18

Formation:

Depth:

Shale blue 1130
 Red rock 1185
 Shale blue 1275
 Salt 1545
 Shale grey 1555
 Lime grey 1565
 Shale grey 1570
 Shale blue 1575
 Lime 1590
 Shells & shale 1600
 Shale 1610
 Lime 1620
 Shale 1635
 Lime 1645
 Shale & shells 1675
 Red rock 1700
 Lime grey 1710
 Blue shale 1715
 Lime grey 1720
 Shale blue 1760
 Lime 1780
 Shale grey 1785
 Red rock 1810
 Shale grey 1820
 Lime grey 1845
 Shale grey 1855
 Lime 1870
 Shale 1875
 Lime broken 1895
 Lime 1935
 Green shale 1940
 Red rock 1950
 Lime grey 1980
 Shale grey 1985
 Lime grey 2009
 Shale blue 2025
 Red rock 2070
 Lime 2085
 Red rock 2090
 Lime grey 2100
 Shale grey 2110
 Lime grey 2140

RECEIVED
 MAY 27 1941
 STATE CORP. COMM.
 CONSERV. DEPT.

Formation: Depth:

Red rock	2180
Lime broken	2190
Lime	2215
Red rock	2220
Lime	2230
Lime grey	2250
Shale grey	2260
Lime grey	2265
Lime	2288
Shale & shells	2295
Shale white	2305
Shale & shells	2315
Shale black	2324
Lime grey (S.O. 24-27)	2327
Shale white	2330
Shale brown	2335
Lime	2345
Shale, small shells	2380
(Hole caving 2380')	
Lime	2390
Shale & shells	2475
Shale white	2490
Shale black	2505
Lime (cave)	2520
Lime grey	2530
Shale blue	2550
Shale white	2560
Lime grey	2565
Shale blue	2575
Lime	2590
Shells & shale	2620
Shale grey	2625
Lime grey	2640
Shale blue	2700
Lime brown	2705
Shells & shale	2733
Lime	2748
Shale blue	2759
Lime Topeka	2780
(S.O. 2759-2764')	
Lime	(S.O. 2870-77') 2877
(3 B. Oil Per Hr. at 2877')	
Lime	2885
Lime brown	2888
Lime	2910
Lime white (S.S.O. 2940-50)	2950
Lime	2985
Shale black	2988
Lime	2988
Shale	3008
Lime	3015
Lime white	3023
Shale brown	3030

Formation: Depth:

Top Oswald (Corr.)	3037'
Shale blue	3043
Lime Oswald	3050
Lime (S.O. 3055-65')	3065
S.L.M. Corr.	3065-3059

1400' oil in hole

Acidized with 2000 gals.
January 20, 1937.