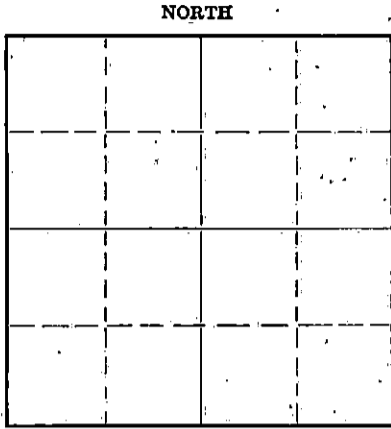


STATE OF KANSAS  
STATE CORPORATION COMMISSION

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

WELL PLUGGING RECORD



Locate well correctly on above  
Section Flat

Russell

County. Sec. 2 Twp. 14 Rge. (E) 15 (W)

Location as "NE/CNW/4SW 1/4" or footage from lines 998 1/2' W & 330' S of Center

Lease Owner Cities Service Oil Co.

Lease Name Crawford "A" Well No. 8A

Office Address Bartlesville, Oklahoma

Character of Well (completed as Oil, Gas or Dry Hole) oil

Date well completed 10-18 1936

Application for plugging filed 8-16 19 49

Application for plugging approved 8-16 19 49

Plugging commenced 8-20 19 49

Plugging completed 8-27 19 49

Reason for abandonment of well or producing formation: unprofitable

If a producing well is abandoned, date of last production July 19 49

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. Eldon Petty

Producing formation Lansing Lime Depth to top 3063 Bottom Total Depth of Well 3132 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
Lansing Lime				8-5/8	3096	2346'
				12-1/2	927	573'

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 from total depth to 3062' feet, dumped six sacks cement, mud to 250 feet, 25 sack cement bridge at 250 feet, mud to 15 feet, dumped 20 sacks cement.

9-13-49

RECEIVED  
Cons. Div.  
SEP 13 1949  
STATE CORPORATION  
COMMISSION  
Mr. R. C. Cooper

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

Correspondence regarding this well should be addressed to  
Address Box 751, Great Bend, Kansas.

STATE OF KANSAS, COUNTY OF Barton, ss.

Mr. 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.

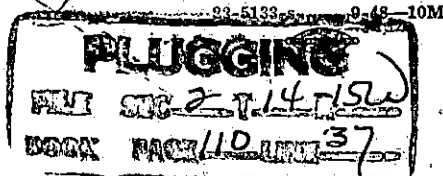
(Signature) James Porter

Box 553, Russell, Kansas (Address)

SUBSCRIBED AND SWORN to before me this 9th day of September, 1949

W. J. Smith  
Notary Public.

My commission expires 3-17-1951



# WELL RECORD

Company: Cities Service Oil Co. Well No. 018 Farm: Crawford "A"  
 Location: 998 1/2 West & 330 South of Center Sec. 2 T. 14 R. 15W  
 Elevation: County: Russell State: Kansas  
 Drg. Comm. August 22, 1936 Contractor: Herman Trapp  
 Drg. Comp. October 11, 1936 Acid: 3000 gals.  
 T. D. 3318' Initial Prod. 1740 oil, 0 water, 24 hrs.

### GASING RECORD:

20" 21' Pulled  
 15-1/2" 416' UR 603' Pulled  
 12-1/2" 925' UR 1927' Pulled  
 10" 2523' Pulled  
 8-5/8" 3064' cem. 60' sx  
 7" OD 3272' UR 3315'

### WATER RECORD:

210' - 245' 5' BWP (10)  
 300' - 330' 1' HW (10)  
 430' - 450' 3' HW (10)  
 705' - 710' 2' BWP (10)  
 (780' - 810' 2' BWP (10))

### FORMATION RECORD:

cellar 10  
 yellow clay 45  
 blue mud 65  
 shale blue 180  
 shale white 210  
 sand 245  
 red rock 290  
 shale gray 300  
 sand gray 330  
 shale blue 350  
 red rock 355  
 blue mud 390  
 shale gray 405  
 shale blue 430  
 sand gray 450  
 shale gray 460  
 blue mud 480  
 sand gray 490  
 shale blue 495  
 sand gray 520  
 sandy shale gray 535  
 sand 540  
 red rock 588  
 sand 593  
 red rock 705  
 sand 710

red rock 1780  
 sandy red rock 1800  
 red rock 1913  
 lime 1925  
 anhydrite (over floor bet.) 1940  
 lime very aff. 1956  
 red rock 1100  
 gray shale 1140  
 red rock 1200  
 blue shale 1280  
 salt 1585  
 blue shale 1590  
 gray lime & shale breaks 1630  
 blue shale 1650  
 lime 1655  
 gray shale 1665  
 lime 1690  
 blue shale 1695  
 red rock 1715  
 gray limée 1740  
 shale gray 1760  
 lime 1770  
 shale blue 1775  
 lime 1805  
 red rock 1825  
 lime gray 1835  
 shale gray 1845  
 lime gray 1855  
 blue shale 1860  
 lime broken 1895  
 lime 1930  
 lime gray 1950  
 red rock 1965  
 lime gray 1970  
 lime 1975  
 shale blue 1980  
 lime 2030  
 red rock 2035  
 shale blue 2040  
 lime (08-2775) 2050  
 lime gray 2080  
 red rock 2090

**KANSAS PLUGGING**  
 REC 002 114 R15W  
 PAGE 110 LINE 37

GORHAM LIME

lime	2105
red rock	2110
lime	2120
shale & shells	2130
lime	2160
red rock	2170
lime gray (red cave)	2200
shale blue	2203
lime	2215
shale & shells	2225
red rock	2230
lime	2250
lime gray	2260
shale blue	2270
lime gray	2280
lime	2290
shale blue	2293
lime	2300
red rock	2305
lime (red rock cave)	2320
shale & shells gray	2345
lime gray	2355
shale & shells	2370
shale blue	2385
lime	2390
shale blue	2400
lime	2410
lime gray	2415
shale blue	2420
lime gray	2430
lime	2435
shale blue	2438
lime	2445
shale blue	2455
lime	2460
shale blue	2473
lime	2478
shale blue	2518
lime white	2523
lime	2528
lime gray	2545
shale blue	2575
lime	2585
shale blue	2590
lime	2605
shale blue	2610
lime	2625
shale & shells	2690
blue shale	2720
lime	2725
shale blue	2735
lime	2750
lime gray	2760
shale blue	2770
(S.S.O. 2775-80)	
lime Topeka	2780
lime	2800

lime brown	2815
slate	2825
lime	2845
lime brown	2870
slate	2875
lime	2910
lime brown	2917
shale blue	2920
lime	3015
shale black	3017
lime gray	3020
shale blue	3031
lime Dodge	3040
lime	3050
red rock	3055
shale	3058
shale blue	3067
lime Oswald	3068
SLM 3068 = 3064	
lime	3077
shale black	3078
lime	3082
shale	3086
lime (oil show)	3090
lime (partly por. & sat.)	3097
lime (good por. & sat.)	3104
No fillup.	
lime (poor por. & little sat.)	3108
lime gray	3125
lime (2 BW & oil/hr.)	3150
lime gray	3180
lime	3215
shale	3217
lime	3224
red rock	3226
lime gray	3258
shale blue	3263
lime gray	3267
SLM Corr. 3267 = 3272	
lime	3292
shale	3296
shale blue	3299
lime	3304
shale green	3308
lime brown	3312
lime	3315
sand Gorham	3315 1/2
sand	3318 TD.
Fillup up 2800' in 14 hrs.	
Top Gorham 3315' - Pen. 3 1/2"	
Oswald lime acidized 10-1-36 w/ 3000 gals., pumped 46 bbls. in 24 hrs. after acid.	