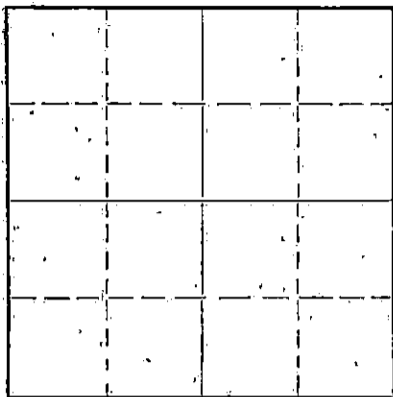


STATE OF KANSAS
STATE CORPORATION COMMISSION

WELL PLUGGING RECORD

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

NORTH



Locate well correctly on above
Section Plat

Russell County, Sec. 2 Twp. 14 Rge. (E) 15 (W)
Location as "NE/CNW $\frac{1}{4}$ /SW $\frac{1}{4}$ " or footage from lines 990' N 990' E of SW Corner
Lease Owner Cities Service Oil Co.
Lease Name Crawford "A" Well No. 7
Office Address Bartlesville, Oklahoma
Character of Well (completed as Oil, Gas or Dry Hole) Oil Well
Date well completed 9-29 19 36
Application for plugging filed 1-4 19 50
Application for plugging approved 1-4 19 50
Plugging commenced 1-5 19 50
Plugging completed 1-12 19 50
Reason for abandonment of well or producing formation Unprofitable

If a producing well is abandoned, date of last production October 19 48
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 Gorham Sand Depth to top 3290' Bottom Total Depth of Well 3293' 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
Gorham Sand	water			7"	3280'	2838'
				12 $\frac{1}{2}$ "	913'	214'

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.

Dumped six sacks cement @ 3293', filled with mud to 200 feet, dumped 25 sacks cement, mud to 15 feet. Dumped 15 sacks cement. Mud and dirt to surface.

JAN 24 1950 1-24-50

STATE CORPORATION
COMMISSION
KANSAS

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

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

STATE OF KANSAS, COUNTY OF BARTON, ss.
Mr. James Porter (employee of owner) or (owner/representative) 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 21st day of January, 1950.

My commission expires 3-12-1951

PLUGGING
FILE SEC 27-14-R-154
BOOK PAGE 27 LINE 33

Notary Public.

WELL RECORD

Company Cities Service Oil Co. Well No. 7 Farm Crawford, PAH
 Location 990' N. & 990' E. of SW Cor. Sec. 2 T. 14N R. 15W
 Elevation 1587 County Russell State Kansas
 Drig. Comm. August 13, 1936 Contractor Herman Trapp
 Drig. Comp. September 2, 1936 Acid _____
 T.D. 3293' Initial Prod. 1754 oil, 0 water

CASING RECORD:

20" 19'-9" Pulled
 15-1/2" 412' UR. 592' Pulled
 12-1/2" 910'
 10" 2498' Pulled
 8-5/8" 3035' Pulled
 7" OD 3289' Cem. 30 sacks

WATER RECORD:

190-205' 5 BWPB
 245-260' Water
 280-300' Too much to bail
 440-460' HFW
 690-700' 5 BWPB
 2935 1 1/2 BW
 3055-3060 1 BW
 3125-3130 2 BW
 3190-3195 1 1/2 BWPB

FORMATION RECORD:

cellar 10
 blue shale 110
 blue slate 170
 sand 175
 slate blue 190
 sand 205
 white slate 220
 red rock 245
 sand 260
 sandy shale 280
 sand 300
 sandy shale 360
 blue shale 440
 sand 460
 blue shale 480
 slate blue 495
 sand 530
 red rock 578
 sand 588
 red rock 690
 sand 700
 red rock 750
 sand 755

red rock 898
 anhydrite 910
 lime 940
 red rock 1090
 shale blue 1125
 red rock 1185
 shale blue 1270
 salt 1555
 shale blue 1610
 grey shale & shells 1635
 lime 1641
 shale blue 1655
 shells & shale 1670
 red rock 1685
 lime 1700
 shale blue 1710
 lime 1720
 shale grey 1760
 lime 1785
 shale blue 1790
 red rock 1820
 lime 1835
 shale blue 1857
 lime 1930
 red rock 1945
 lime 1975
 grey shale 1980
 lime 2040
 red rock 2045
 lime 2065
 red rock 2070
 lime 2130
 red rock 2140
 lime 2145
 red rock 2155
 lime (caving at 2190) 2200
 blue shale 2210
 red rock 2220
 lime 2235
 shale 2245
 lime 2285
 shale 2320
 lime 2327
 blue shale 2340

PLUGGING
 FILE SEC 2 T. 14 R. 15
 BOOK PAGE 13 LINE 53

JAN 7 X 1950

(Over)

lime 2350
 shale 2425
 lime 2435
 shale 2450
 lime 2455
 blue shale 2485
 shale 2493
 lime 2510
 blue shale 2525
 shale 2535
 lime 2555
 shale 2575
 lime 2595
 shale 2610
 lime 2615
 shale 2625
 shale & shells 2715
 lime 2730
 shale 2745
 lime (SO 2955) 2965
 black shale 2970
 lime 2974
 blue shale 2985
 Dodge lime 3005
 red shale 3015
 blue shale 3020
 Oswald lime 3025
 corr. SIM 3025 = 3035
 SO 3055-60
 SO 3092
 lime 3100
 SO 3125-30
 shale blue 3105
 lime 3130
 lime sandy 3135
 lime hard 3140
 lime 3185
 shale blue 3190
 lime 3200
 red rock 3205
 shale 3240
 lime 3260
 shale 3265
 lime 3270
 shale 3275
 lime (550' oil 12 hrs.) 3281
 sand (3290-3291 corr.) 3282
 SIM corr. 3282 = 3291
 oil sand 3293 TD

Total fillup 2820'
 Top Gorham 3290' SIM
 Penetration 3'
 Total depth 3293'