

### WELL PLUGGING RECORD

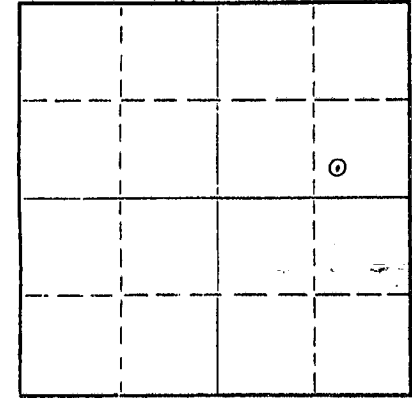
Graham County, Sec. 29 Twp. 8S Rge. 24 (E) (W)

Location as "NE/CNWxSWx" or footage from lines SW SE NE  
Lease Owner Cities Service Oil Company  
Lease Name Holley LKC Unit North Well No. 301  
Office Address Box 553 Russell, Kansas 67665  
Character of Well (completed as Oil, Gas or Dry Hole) Oil

Date well completed 2-10 1956  
Application for plugging filed 4-29 1970  
Application for plugging approved 4-30 1970  
Plugging commenced 5-21 1970  
Plugging completed 5-23 1970

Reason for abandonment of well or producing formation Depleted

If a producing well is abandoned, date of last production 12-25 1969  
Was permission obtained from the Conservation Division or its agents before plugging was commenced? Yes



Locate well correctly on above Section Plat

Name of Conservation Agent who supervised plugging of this well Mr. W. L. Nichols  
Producing formation Lansing-Kansas City Depth to top 3692' Bottom 3920' Total Depth of Well 3920 Feet  
Show depth and thickness of all water, oil and gas formations.

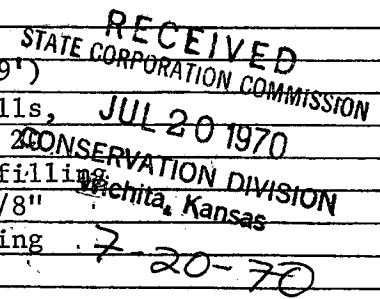
#### OIL, GAS OR WATER RECORDS

#### CASING RECORD

FORMATION	CONTENT	FROM	TO	SIZE	PUT IN	PULLED OUT
				8 5/8"	223'	None
				5 1/2"	3920'	1179'

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.

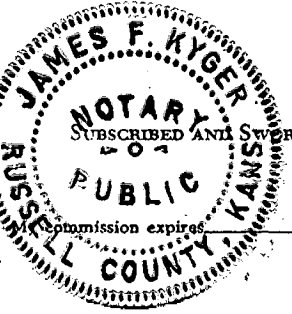
Pushed wooden plug to 3200'  
Dumped 20 Sx. sand on top of plug  
Dumped 5 sx. cement on top of sand  
Shot off 5 1/2" casing recovering 37 joints (1179')  
Pumped in (Down 8 5/8" Surface Pipe) 5 sx. Halls, 12 Sx. Gel, 100 Sx. Cement, 14 Sx. Gel, 20 Sx. cement 4 sx. gel and 10 sx. cement filling hole to surface. Shut in w/100# on 8 5/8" Surface Pipe. Welded cap on 8 5/8" casing  
Plugging complete 11 A.M. 5-23-70



(If additional description is necessary, use BACK of this sheet)  
Name of Plugging Contractor Knight Casing Pulling Co. Inc.  
Address Chase, Kansas

STATE OF Kansas, COUNTY OF Russell, ss.  
M. M. Hardin (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) M.M. Hardin  
Box 553 Russell, Kansas 67665 (Address)



Sworn to before me this 17th day of July, 1970  
James F. Kyger Notary Public.

CITIES SERVICE OIL COMPANY  
IMPERIAL OIL KANSAS, INC.  
Well Completion Report

HOLLEY L-KC UNIT NORTH

Lease. Graham Well No. 301 County GRAHAM State KANSAS  
Loc. SW SE NE Sec. 29 Twp. 88 Rge. 24W Pool HOLLEY

8-28-58

Moved in Franks #1. Pulled rods and tubing. Perf. 200' zone 3879-81 with 4 Jets per ft. Ran tubing with Imperial packer set at 3873. Dumped 500 gal. Form Gel down annulus. Acidized down tubing with 3000 gal. reg. Was unable to control acid. Displaced 2000 gal. on vacuum at end of treatment.

8-30-58

3 hr. swab test .8 BOPH. Removed Imperial packer. Perf. 140' zone 3818-20 with 4 Jets per ft. Set Baker retrievable plug at 3830.

8-31-58

Acidized with 500 gal. Gel-W. MP 250#. Swabbed 9 BOPD first hr. after swabbing 5 hrs. dropped to .8 BOPH.

9-1-58

Reacidized with 2000 gal. Gel-B. MP 150#. Swabbed back load. 4 hr. swab test 5.8 BOPH no wtr.

9-2-58

Pulled Baker retrievable plug. Perf. 100' zone 3769-71 with 4 Jets per ft. Set Baker retrievable bridge plug at 3780. Acidized with 500 gal. Gel-W. MP 350#. Swabbed back load. 3 hr. swab test 1.68 BOPH tr. wtr. Reacidized with 2000 gal. Gel-W. MP 250#. Swabbed back load.

9-3-58

Testing.

9-4-58

12 hr. swab test swabbed a total of 110 BW + 45 BO. 10 BFPH 2 pulls per 30' off bottom. Pulled Baker retrievable bridge plug. Perf. 35' zone 3718-20. Ran Baker retrievable plug at 3730. Acidized with 500 gal. Gel-W. MP 200# on vacuum at end of treatment. SBL

9-5-58

6 hr. swab test 5 BOPH no wtr. Ran tubing with Imperial packer set at 3830. Ran rods. Put well on pump.

11-20-58

Removed packer. Ran tubing to bottom. Put well on pump.

DAKOTA BREAK-IN

3-31-62: Moved in Franks Unit #2. Pulled rods and tubing.  
4-2-62: Ran tubing with Halliburton retr. plug and packer. Set plug at 2237. Found hole in casing at 2033. Set packer at 2018 and squeezed with 150 sax HA-5 cement. Displaced 125 sax at a standing pressure of 2000#. Reversed out remaining cement. Washed out cement to below perf. WOC 12 hrs. Pulled tubing with plug and packer. Running tubing and rods to place well back on pump.

4-30-1970  
RECEIVED  
STATE CORPORATION COMMISSION  
APR 30 1970  
CONSERVATION DIVISION  
Wichita, Kansas