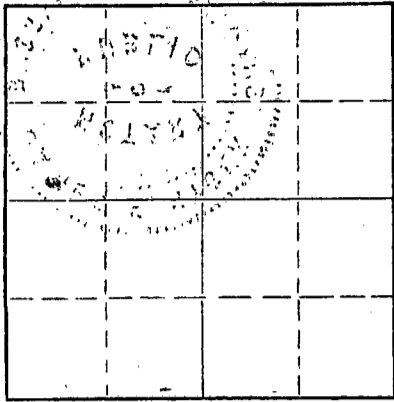


STATE OF KANSAS  
STATE CORPORATION COMMISSION

Give All Information Completely  
Make Required Affidavit  
Mail or Deliver Report to:  
Conservation Division  
State Corporation Commission  
212 No. Market  
Wichita, Kansas

INS D# E 9991-0001  
Form CP-4  
15-065 02762  
02972-00-01  
WELL PLUGGING RECORD



Locate well correctly on above Section Plat

Graham County. Sec. 33 Twp. 8S Rge. (E) 24 (W)  
Location as "NE/CNW/SW" or footage from lines S/2 SW NW  
Lease Owner Cities Service Oil Co.  
Lease Name Holley Unit Well No. 102W  
Office Address Box 553 Russell, Kansas  
Character of Well (completed as Oil, Gas or Dry Hole) Oil  
Date well completed 1-19 19 57  
Application for plugging filed 6-12 19 68  
Application for plugging approved 6-13 19 68  
Plugging commenced 6-24 19 68  
Plugging completed 6-24 19 68  
Reason for abandonment of well or producing formation Casing bad

If a producing well is abandoned, date of last production TA Nov. 19 66  
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 Bill Nichols Morland, Kansas  
Producing formation Kansas City Depth to top 3948 Bottom 3970 Total Depth of Well 4025 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" | 179'   | None       |
|           |         |      |    | 5 1/2" | 4025'  | None       |
|           |         |      |    |        |        |            |
|           |         |      |    |        |        |            |
|           |         |      |    |        |        |            |
|           |         |      |    |        |        |            |
|           |         |      |    |        |        |            |

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.

Ran 124 Jts. 2" Tbg. Spotted 20 sx. 50/50 pozmix plus 6% jell on bottom

Filled up 4006' to 3846'. Laid down 6 Jts. tubing. Spotted 20 sx. jell

3846-1800'. Laid down 60 Jts. tbg. Spotted 125 Sx. 50/50 pozmix plus

6% jell. Filled up 1800' to 800'. Laid down 33 Jts. tbg. Spotted 8 sx.

jell filled 800' to 40'. Laid down 25 Jts. tbg. filled 40' to base of

cellar W/5 Sx. 50/50 Pozmix plus 6% jell. Job Complete 3:30 P.M. 6-24-68

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STATE CORPORATION COMMISSION  
JUL 1 1968  
CONSERVATION DIVISION  
Wichita, Kansas

(If additional description is necessary, use BACK of this sheet)  
Name of Plugging Contractor Halliburton Co.  
Address Hays, Kansas 67601

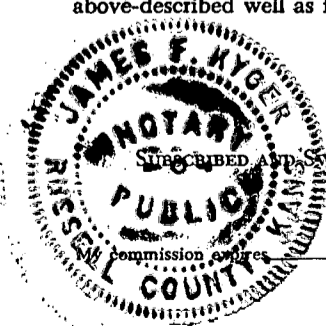
STATE OF Kansas, COUNTY OF Russell, ss.  
E. W. Peterman (employee of owner) or (owner or operator) of the above-described well, being first duly sworn on oath, says: That I have knowledge of the facts, statements, and matters herein contained and the log of the above-described well as filed and that the same are true and correct. So help me God.

(Signature) *E. W. Peterman* E. W. Peterman  
Box 553 Russell, Ks. Oper. Supt.  
(Address)

Subscribed and sworn to before me this 28 day of June, 19 68

10-5-68

*James F. Kyger*  
James F. Kyger Notary Public.



15-065-02762-00-01

IMPERIAL OIL OF KANSAS, INC.  
Well Completion Report

Beothe Lease. Well No. 2  
Loc. SW SW NW Sec. 33 Twp. 8S Rge. 24W  
County. Graham State. Kansas  
Pool. Holley

Spud Date 12-30-56  
Rotary Completed 1-12-57  
Completion Date 1-19-57  
Potential 97 BOPD.  
Gravity 41.3  
Accum. Production to 1-57

Surface casing set at 179 (8 5/8) with 150 Sacks  
Production casing set at 4025 (5 1/2) with 100 Sacks  
Rotary total depth 4025'

Formation Tops:

Elevation: 2456' RB

Sample

Electric Log

Anhydrite  
Heebner  
Toronto  
Lansing

2155 ( /301 )  
3756 ( -1300 )  
3778 ( -1322 )  
3795 ( -1339 )

Yes

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JUN 13 1968  
CONSERVATION DIVISION  
Wichita, Kansas  
6/13/68

PRODUCING AND PROSPECTIVE PRODUCING ZONES

| Formation | Depth | Remarks   | Estimated Reserves  |
|-----------|-------|-----------|---------------------|
| Lansing   | 160'Z | 3946-54 8 | Open - Perf 3948-53 |

Completion Data:

1-14-57: Moved unit in. Rigged up. Swabbed hole down.

1-15-57: Drilled staging collar and cleaned hole to TD of 4006. Ran Haliburton log to TD of 3992. Perforated 16 Jets from 3948-53. Well showing 1 GOPH natural. Acidized with 250 gal. regular acid. Highest pressure 200#. Pressure dropped to 0 in 3 minutes.

1-16-57: 12 hr. swab test 1 1/2 BOPH.

3/21/63: Moved in FU #2; pulled rods and tbq; perf. 180' zone 3966-70, 4 JPF. Ran tbq. with Chem-Tech packer to acidize 180' zone.

3/22/63: Set packer at 3960'; acidized 180' zone w/250 gals. reg. and 1000 gals. gelled acid. MP 200#, IR 1 BPM, well on vacuum at end of treatment. Pulled tubing with packer.

5/3/63: Moved in Franks Unit #2

5/6/63: Ran cement-lined tubing with

02762  
15-065-02972-00-01

HOLLEY UNIT 102W

- 10/22/66 T.D. 4025; 5½ casing 4025; PBT<sup>D</sup> 4006; PTD SLM 3976'  
Injection "I" zone 3948-53 and "J" 3966-70  
To clean out and acidize W/2000 gal FE acid. Pulled tubing and packers.  
Ran bit and cleaned out 3882 SLM on 3rd run picked up sand in bailer  
SLM 3817' Ran RTTS and Ret. bridge plug on 116 Jts. 2" Set bridge  
plug at 3658' tested to 2000#. Spotted 2 sacks jell on plug.  
Located holes at 1766' and 1724' Injection rate 4 bbl/minn  
at 500#. S.D.
- 10/23/66 Injected water down annulus - did not hold.  
Located 3rd hole in casing at 1660' Set RTTS at 1640'  
Mixed 265 sacks 60-40 Pozmix and HA-5 cement. Squeezed holes  
in casing to 1500# Standing pressure in 1 hr. 20 min.  
Backwashed 10 sacks from tubing  
15 " " casing  
Pumped thru holes 225 sacks  
Total 265 sacks  
S.D. for 5 hrs. Tested casing to 500# Held O.K.  
Pulled 8 Jts. of tubing and S.D.
- 10/24/66 Pulled tubing and RTTS tool. Reran tubing circulated jell off plug  
and pulled Ret. bridge plug. Ran SLM 3801. While C.O. with bailer it  
hung up while coming out of hole. Got bailer loose Ran SLM Stopped  
at 1630' Bailing and C.O. shale and cement at 1630' Top of fluid  
700' down.
- 10/25/66 C.O. 1638' to 1650'. Bit fell away, and went to bottom.  
Measure up PTD @ 3799'. Fluid 680' from surface; before squeeze  
fluid @ 300'. Recovering shale. Will test for hole today, if  
one hole, will squeeze.
- 10/26/66 Ran RTTS tool and Ret. bridge plug on 2" tubing. Set plug at 3649 and  
tested plug to 2000#. Spotted jell on top of plug. Located hole at 1630'  
Pressure tested to 700# press. dropped to 400# in 25 min. Pulled  
bridge plug and RTTS tool.  
Tested casing to 700# below hole at 1630 - standing press.  
Tested casing to 500# above 1630' - standing press.  
Will clean out well and put back to injection. Will load casing.
- 10/27/66 C.O. 3801-3810 S.D. - Engine trouble Perf. 3948-70 PBT<sup>D</sup> 4006'.
- 10/28/66 C.O. 3810-3900' PBT<sup>D</sup> 4006 Perf. 3948-70 To C.O. and acidize W/2000  
gal FE acid
- 10/29/66 Measured up 3895 Filled up 5' overnight. Fluid at 350'  
Ran 2" tubing W/RTTS and Ret. bridge plug to locate hole
- 10/30/66 Ran RTTS and Ret. bridge plug. Set plug at 3891' Located small hole at  
3876'. Could not establish injection Rate. Reset ret. bridge plug at  
3830' Tested to 2000# O.K. Spotted 2 sacks Jell. Located hole in 5½  
casing at 1737' Injection rate 4 bbl/min. at 400#. Set RTTS at 1706'  
Tested annulus above to 500# O.K. Mixed and pumped in 250 sacks 60/40  
Poz - HA-5 Cement. Squeezed to 1350# Stg. pressure in 2 hrs. 40 min.  
(6:45 P.M.) Back washed 20 sacks from tubing, 3 sacks from casing, and  
227 sacks thru hole - pulled 10 joints and S.D
- 10/31/66 Tested casing to 500# Held O.K. Pulled tubing, RTTS and Ret. B. Plug.  
C.O. 3888 to 3903'.
- 11/1/66 C.O. 3903-3918' Perf. 3948-70 PBT<sup>D</sup> 4006'
- 11/2/66 Ran ~~Bailer~~ No fill up overnight. While coming out of hole, fluid jumped  
from 600' to 300' of surface. Checked bottom had 4' fill up of sand.  
S.D. to study well - well has another Dakota leak.
- 11/3/66 S.D. for study bad casing - COMPLETE