

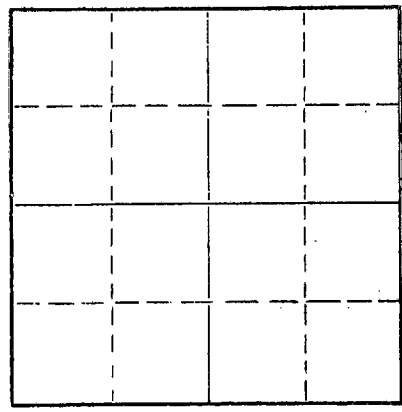
STATE OF KANSAS  
STATE CORPORATION COMMISSION  
Give All Information Completely  
Make Required Affidavit  
Mail or Deliver Report to:  
Conservation Division  
State Corporation Commission  
211 No. Broadway  
Wichita, Kansas

WELL PLUGGING RECORD

Trego County, Sec. 22 Twp. 13 Rge. (E) 21 (W)

Location as "NE/CNW/SW" or footage from lines SE NW NW  
Lease Owner Imperial Oil Company  
Lease Name Sauer "A" Well No. 1  
Office Address 780 Fourth Nat'l Bldg., Wichita, Kansas 67202  
Character of Well (completed as Oil, Gas or Dry Hole) Dry Hole  
Date well completed July 26 19 65  
Application for plugging filed July 26, 19 65  
Application for plugging approved July 26, 19 65  
Plugging commenced July 26, 19 65  
Plugging completed July 26, 19 65  
Reason for abandonment of well or producing formation no commercial quantities of oil found  
If a producing well is abandoned, date of last production --- 19  
Was permission obtained from the Conservation Division or its agents before plugging was commenced? Yes

NORTH



Locate well correctly on above Section Plat

Name of Conservation Agent who supervised plugging of this well W. L. Nichols  
Producing formation \_\_\_\_\_ Depth to top \_\_\_\_\_ Bottom \_\_\_\_\_ Total Depth of Well 4013 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"	210'	not pulled

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.

Set first plug at 600' with 20 sacks of cement;  
Set second plug at 200' with 20 sacks of cement;  
Set third plug at 40' with 10 sacks of cement.

RECEIVED  
STATE CORPORATION COMMISSION  
AUG 2 - 1965  
08-02-65  
CONSERVATION DIVISION  
Wichita, Kansas

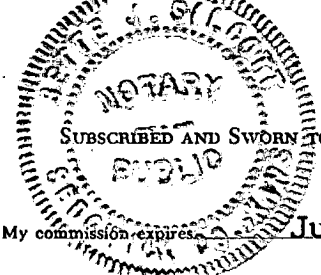
(If additional description is necessary, use BACK of this sheet)

Name of Plugging Contractor Imperial Oil of Kansas, Inc.  
Address 780 Fourth Nat'l Bldg., Wichita 2, Kansas

STATE OF KANSAS, COUNTY OF SEDGWICK, ss.  
William A. Sladek (employee 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. IMPERIAL OIL OF KANSAS, INC.

By: William A. Sladek  
(Signature) William A. Sladek, Geologist  
780 Fourth Nat'l Bldg., Wichita, Kansas  
(Address)



SUBSCRIBED AND SWORN to before me this 30th day of July, 19 65

Bette J. Silcott  
Notary Public.

My commission expires July 5, 1966

15-195-30106-00-00

DRILLER'S LOG

Imperial Oil Company  
780 Fourth National Building  
Wichita, Kansas 67202

Sauer "A" No. 1  
SE NW NW Sec. 22-13S-21W  
Trego County, Kansas

Total Depth: 4013 ft.

Elevation: 2304 KB

Commenced: 7-15-65

Completed: 7-26-65  
D & A

Contractor: Imperial Oil of Kansas, Inc.  
Rig #2

Casing Record: Set 8-5/8" casing at 210 ft. with 150 sacks cement.

Figures indicate bottom of formations:

120' - Sand  
 210' - Sand and Shale  
 1100' - Dakota Sand  
 1695' - Shale and Shells  
 1714' - Anhydrite  
 2105' - Shale  
 2495' - Shale and Lime  
 3110' - Lime and Shale  
 3210' - Lime  
 3417' - Lime and Shale  
 3492' - Lime  
 3625' - Lime and Shale  
 3677' - Lime  
 3700' - Lime and Shale  
 3862' - Lime  
 3911' - Lime and Chert  
 3945' - Lime  
 3970' - Lime and Chert  
 4013' - Lime  
 4013' - RTD

TOPS:  
 Anhydrite 1670 (+634)  
 Heebner 3574 (-1270)  
 Toronto 3594 (-1290)  
 Lansing 3610 (-1306)  
 Marmaton 3930 (-1626)  
 Arbuckle 3995 (-1691)

We hereby certify this to be a correct and accurate log of the above described well, as shown on the daily drilling reports.

IMPERIAL OIL COMPANY

By William A. Sladek  
William A. Sladek



Subscribed and sworn to before me this 30th day of July, 1965.

Bette J. Silcott  
Bette J. Silcott

My Commission Expires: July 5, 1966

DRILLING TIME

15-195-30106-00-00

SAUER "A" 1

One foot intervals

3300 - 10	2/3/2/3/3-2/1/1/2/2	3700 - 10	3-6-9-7-8/6-5-5-7-3
20	2-1-2-2-1/2-2-2-2-2	20	8-8-7-9-9/7-7-8-7-8
30	1-2-1-2-1/2-2-2-3-5	30	9-13-13-12-13/13-13-14-14-12
40	3-2-3-3-5/4-6-6-5-2	40	12-12-12-12-11/11-10-3/13-10
50	2-1-2-4-5/5-6-6-6-5	50	10-12-11-3-2/6-7-8-9-10
60	7-7-6-6-5/5-6-4-5-8	60	10-9-10-12-11/13-10-10-10-12
70	8-8-5-4-3/3-3-2-7-5	70	6-11-12-8-4/5-9-5-5-4
80	4-2-2-3-2/1-1-1-1-1	80	3-6-6-4-5/6-9-9-10-11
90	2-2-3-5-5/5-3-4-7-6	90	11-11-12-11-12/5-3-1-3-6
00	7-8-8-5-4/3-3-2-5-4	00	8-9-9-11-10/12-9-5-4-4
3400 - 10	7-7-7-8-8/4-5-8-9-7	3800 - 10	9-11-11-11-12/10-8-5-7-4
20	8-7-5-6-7/4-4-3-3-3	20	2-3-2-3-2/2-3-2-6-9
30	3-5-6-6-8/6-4-5-4-2	30	8-8-9-11-12/13-12-9-5-8
40	2-2-2-2-2/2-2-2-2-2	40	9-9-7-5-5/5-7-5-6-6
50	1-2-2-2-2/1-1-1-5-7	50	6-5-6-6-7/6-6-7-7-6
60	4-5-6-10-6/5-8-6-6-6	60	6-5-6-7-8/9-10-10-8-5
70	5-4-6-9-6/6-6-9-11-10	70	7-6-8-8-7/8-6-7-8-10
80	10-7-8-7-9/11-11-10-9-6/	80	10-8-8-7-8/13-12-12-13-13
90	5-6-5-6-5/5-5-6-8-8	90	7-8-7-8-7/5-7-9-7-8
00	9-7-3-4-3/3-3-3-3-3	00	8-8-8-7-7/7-7-8-8-8
3500 - 10	4-3-3-4-5/4-3-6-6-7	3900 - 10	7-9-8-9-13/15-14-10-10-10
20	6-7-6-6-5/4-4-4-4-3	20	10-5-7-11-9/7-10-15-18-16
30	5-5-4-5-5/7-5-4-4-5	30	15-12-10-12-10/8-9-9-10-10
40	5-7-6-8-9/6-4-4-4-5	40	14-12-13-13-12/14-14-13-13-12
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60	7-8-7-6-6/7-7-7-6-8	60	8-17-13-12-12/14-14-16-13-17
70	8-9-7-8-7/8-7-7-10-9	70	15-18-21-6-5/8-7-7-11-11
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00	6-5-5-6-9/8-11-10-9-7	00	10-11-10-12-10/15-16-14-20-21
3600 - 10	13-12-12-7-4/4-5-4-5-5	4000 - 10	5-6-5-8-4/3-3-5-3-5
20	11-5-5-5-9/8-7-9-10-10	20	4-2-5
30	11-10-11-9-9/3-5-6-7-7		
40	8-10-8-10-11/9-3-5-6-6		
50	4-4-3-4-4/5-6-7-8-9		
60	11-10-9-10-9/10-8-5-5-5		
70	4-5-6-7-9/8-8-7-7-9		
80	9-10-9-9-5/4-7-4-7-5		
90	5-8-7-5-5/4-5-7-7-7		
00	7-6-7-9-7-6-5-6-3-5		

15-195-30106-00-00

GEOLOGICAL REPORT

IMPERIAL OIL COMPANY SAUER "A" #1

SE NW NW, Section 22-13S-21W

Trego County, Kansas

**RECEIVED**  
STATE CORPORATION COMMISSION

AUG 2 - 1965

CONSERVATION DIVISION  
Wichita, Kansas

By

Raymond R. Dombaugh

15-195-30106-00-00

GEOLOGICAL REPORT

COMPANY:	Imperial Oil	LOCATION:	SE NW NW, Sec. 22-13S-21W
CONTRACTOR:	Company tools (Rig #2)	COUNTY:	Trego
FARM:	Sauer "A" #1	ELEVATION:	2304 K.B.
POOL:	Wildcat	R. T. D.:	4013'
SURFACE:	8-5/8 @210'	PRODUCTION:	D&A
COMMENCED:	July 15, 1965	COMPLETED:	July 26, 1965

Ten foot samples were saved from 3300 to 3500 feet and five foot samples from 3500 feet to Rotary Total Depth. One foot drilling time was saved from 3300 feet to Rotary Total Depth. No Electric Log was run.

FORMATION TOPS

ANHYDRITE	1670 (+634)
TOPEKA	3328 (-1024)
HEEBNER	3574 (-1270)
TORONTO	3594 (-1290)
LANSING	3610 (-1306)
BASE KANSAS CITY	3859 (-1555)
MARMATON	3930 (-1626)
ARBUCKLE	3995 (-1691)
ROTARY TOTAL DEPTH	4013 (-1709)

POROSITY AND SHOWS OF OIL

TOPEKA 3328 (-1024)	There were no shows of oil in the Topeka section.
TORONTO 3594 (-1290)	
3594-3604	Tan, finely crystalline, cherty, fossiliferous limestone.
LANSING 3610 (-1306)	
3610-14	(Top zone) White, finely crystalline oolitic limestone with fair interoolitic porosity. Fair show of free oil.
	DST #1 3602-25 Open 30 minutes. Recovered 5' mud. IBHP-1098#/30", IF-37#, FF-37#, FBHP-872#/30".
	3645-48 (35' zone) Tan, finely crystalline, cherty, fossiliferous limestone. Poor scattered light stain. Poor porosity.
	3665-69 (50' zone) Tan, finely crystalline, sucrosic, fossiliferous limestone. Fair intercrystalline to poor vugular porosity. Scattered light saturation.

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DST #2 3634-77 Open 30 minutes. Recovered 10' very slightly oil cut mud. IBHP-111#/30", IF-37#, FF-37#, FBHP 44#/30"

3683-87 (70' zone) Tan, oolitic to fossiliferous, cherty limestone. Scattered show of free oil. Fair vugular porosity.

3691-93 (90' zone) White to tan, finely crystalline, oolitic limestone with fair interoolitic porosity. Scatter show of free oil with some barren porosity.

DST #3 3672-3700 Open 1 hour. Recovered 744' saltwater. IBHP 1045#/30", IF-74#, FF-350#, FBHP-932#/30".

3705-10 (100' zone) White oolitic, slightly chalky limestone. Poor visible porosity. No oil show.

3746-48 (140' zone) Tan, finely crystalline, chalky to cherty limestone. No show.

3761-66 (160' zone) Tan, finely crystalline, chalky to cherty limestone. Poor porosity. No oil show.

3790-92 (180' zone) Tan, finely crystalline, chalky fossiliferous limestone. Poor scattered vugular porosity with a dark show of free oil.

3797-3800 (180' zone) Tan oolitic limestone with good oolitic porosity. Fair show of free oil.

DST #4 3781-3809 Open 30 minutes. Recovered 5' of oil specked mud. IBHP-372#/30", IF-37#, FF-37#, FBHP-52#/30".

3812-18 (200' zone) White finely crystalline, chalky, oolitic limestone. Fair to good oolitic porosity. No oil show.

3838-59 (220' zone) Tan to light brown, cherty, fossiliferous limestone.

BASE KANSAS CITY 3859 (-1555)

MARMATON 3930 (-1626)

3930-81 Tan finely crystalline fossiliferous limestone becoming dolomitic with abundant tan to pink fresh chert. The dolomitic chert has a scattered show of free oil with poor porosity and permeability. Judged no value.

ARBUCKLE 3995 (-1691)

15-195-30106-00-00

3995-4013 White, medium to coarse crystalline dolomite with a fair show of free oil. Good intercrystalline porosity.

DST #5 3997-4004 Open 30 minutes. Recovered 4' of mud. IBHP-37#/30", IF-22#, FF-22#, FBHP-22#/30".

DST #6 4003-13 Open 2 hours. Recovered 180' of saltwater. IBHP-1158#/30", IF-37#, FF-74#, FBHP-880#/30".

Rotary Total Depth 4013 (-1709)

Due to the lack of commercial shows of oil or gas, it was recommended that the test be plugged and abandoned.

Respectfully yours,

*Raymond R. Dombaugh* /DD.

Raymond R. Dombaugh