

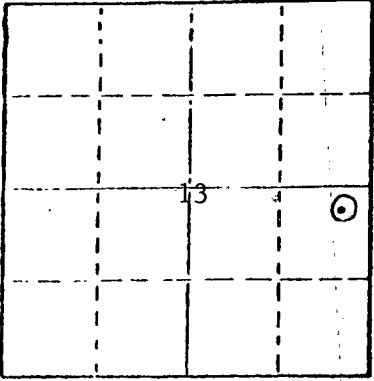
STATE OF KANSAS  
STATE CORPORATION COMMISSION

WELL PLUGGING RECORD

Give All Information Completely  
Make Required Affidavit  
Mail or Deliver Report to  
Conservation Division  
State Corporation Comm.  
245 North Water  
Wichita, KS 67202

Rooks County, Sec. 13 Twp. 10S Rge. 20 E/W  
Location as "NE/CNW $\frac{1}{4}$ SW $\frac{1}{4}$ " or footage from lines

NE NE SE  
Lease Owner Sohio Petroleum Company  
Lease Name Sutor "A" Well No. 5  
Office Address Box 673, Russell, KS 67665  
Character of Well (Completed as Oil, Gas or Dry Hole) oil



Locate well correctly on above  
Section Plat

Date Well completed November 23 1949  
Application for plugging filed August 21 1978  
Application for plugging approved August 22 1978  
Plugging commenced September 1 1978  
Plugging completed September 20 1978  
Reason for abandonment of well or producing formation depleted

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

Name of Conservation Agent who supervised plugging of this well Leo Massey  
Producing formation \_\_\_\_\_ Depth to top \_\_\_\_\_ Bottom \_\_\_\_\_ Total Depth of Well 3763'  
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"	1624'	None
				5-1/2"	3761'	2807'

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 hold. If cement or other plugs were used, state the character of same and depth placed, from \_\_\_\_\_ feet to \_\_\_\_\_ feet for each plug set.

Sanded well back to 3000' & capped with 5 sx cement to 2960'. Shot pipe at 2821', pipe loose. Pulled 88 jts. Pumped 20 sx gel followed with rubber plug, 50 sx 50-50 Poz with 2% gel, 8 sx gel & 25 sx 50-50 Poz with 2% gel. Well plugged at 11:25 a.m., 9-20-78.

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

Name of Plugging Contractor Kelso Casing Pulling

STATE OF KANSAS COUNTY OF RUSSELL, ss.  
W. H. Ward (employee of owner) or (~~employee of owner~~)

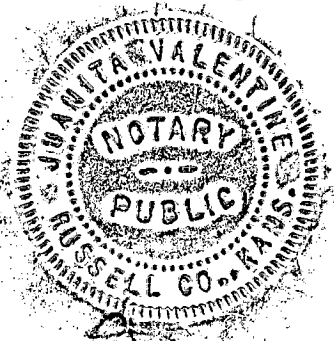
of the above-described well, being first duly sworn on oath, says: That I have knowledge of the facts, statements, and matters herein contained and the log of the above-described well as filed and that the same are true and correct. So help me God.

(Signature) W. H. Ward  
Box 673, Russell, KS 67665  
(Address)

SUBSCRIBED AND SWORN TO before me this 17th day of October, 1978

My ~~commission~~ appointment expires 9-28-79

Juanita Valentine  
Juanita Valentine Notary Public.



RECEIVED  
STATE CORPORATION COMMISSION  
10-18-78  
OCT 18 1978

CONSERVATION DIVISION  
Wichita, Kansas

15-163-03532-0000

**SOHIO  
PRODUCING WELL COMPLETION REPORT**

Lease No. **10-6701**

Operator: **SOHIO PETROLEUM COMPANY** Block or Deal: \_\_\_\_\_  
 Farm Name: **Enter** Well No.: **5** Acres in Lease: **160**  
 Contractor: **B.W. Pine Drilling Co.** State: **Kansas** County: **ROCK**  
 Elevation: **2222' B.B.** G.: \_\_\_\_\_ Csg. Head Flange: \_\_\_\_\_  
 Field Name: **Berland** Exact Location: **NE NE SE**  
**Section 13-10-20N**  
 Completion Date: **11-23-49** Total Depth: **3762'** Contract Depth: **3766'**  
 Deepest Formation: Contract: **Arbuckle** Tested: **Arbuckle**

**Producing and Potential Producing Horizons**

No.	Formation Name	Depth		Effective Pay Thickness	Casing New Exposed		Exposure		Method of Exposure	Date Exposed
		Top	Bottom		Yes	No	Top	Bottom		
1	<b>Lansing-K.C.</b>	<b>3490</b>	<b>3530</b>		<b>X</b>	No				
2	<b>Simpson Dol.</b>	<b>3756</b>	<b>3759</b>	<b>4'</b>	<b>X</b>	No				
3	<b>Arbuckle</b>	<b>3761</b>	<b>3763</b>	<b>2'</b>	Yes	<b>X</b>	<b>3761</b>	<b>3763</b>	<b>Open Hole</b>	<b>10-19-49</b>
4					Yes	No				
5					Yes	No				

**Cores**

Formation	(1)	(2)	(3)	(4)	Attach Schedule If Needed Check
From-To		<b>NONE</b>			
Recovery in Ft.					
Analyzed Yes-No					

**Drill Stem Tests**

Formation	(1)	(2)	(3)	(4)	Attach Schedule If Needed Check
Formation	<b>Lansing-K.C.</b>				
Tool Open Min.	<b>50</b>				
Packer Top	<b>3478'</b>				
Bottom	<b>3505'</b>				
Total Fluid Recovered Ft.	<b>2000</b>				
Oil-Ft.	<b>2000</b>				
Water-Ft.	<b>-</b>				
Mud-Ft.	<b>-</b>				
B.H.P. p.s.i.	<b>1120</b>				

**Fillup or Swab Tests (Natural)**

Formation	(1)	(2)	(3)	(4)	Attach Schedule If Needed Check
Formation	<b>Arbuckle</b>	<b>Arbuckle</b>			
Ft. of Fillup	<b>1830</b>				
Bbls Swabbed—Oil		<b>15.50</b>			
Bbls Swabbed—Water		<b>-</b>			
Time	<b>1 1/2 Hrs.</b>	<b>3 Hrs.</b>			
Date	<b>10-26-49</b>	<b>10-27-49</b>			
Remarks		<b>2078' off bottom</b>			

**Acid Treatment**

No.	Date	Formation	No. of Gallons	Initial Pressure	Broke To	Time		Attach Copy of Acid Co. Record
						To Break	Total	
1								
2		<b>NONE</b>						
3								
4								
5								

**Shot Record**

No.	Date	Formation	Qty.	Shell Diam.	Depth		Method of Detonation	Tamped With
					From	To		
		<b>NONE</b>						

Remarks: Cleanout Time, Depth, Etc. \_\_\_\_\_

**Perforating Record**

Zone	Date	From	To	No. of Shots	Perf. by	Results	Attach Copy of Record
1				<b>NONE</b>			
2							
3							

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STATE CORPORATION COMMISSION**

**AUG 22 1978**

CONSERVATION DIVISION  
Wichita, Kansas

(Continued on Reverse Side)

15-163-03532-000

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STATE CORPORATION COMMISSION

AUG 22 1978

CONSERVATION DIVISION  
Wichita, Kansas

Initial Production

Date	Formation	Method of Test	Barrels		Hrs.	Choke Size	Pressure		Gas M.C.F.	G.O.R.
			Oil	Water			Tubing	Casing		
11-29-49	Arbuckle		3123	-						

STATE DRAINAGE TEST

Remarks:

Casing Record

String	Size	Wt.	Grade	Footage		Cemented With (Sacks)	Type Cement	Hole Size (in.)	Est. Footage Com. Behind Pipe
				Run	Set At				
Conductor									
Surface	6-5/8	244	J55	1634	1424	200	Common	10 1/2	1634' circ.
Intermediate	6-1/2	144	H40	3788	3761	150	Common	7-7/8	450'
Production									
Liner									

Tubing and Pumping Equipment (First Installation)

	Size	Wt.	Thread	Cond.	Make	Type	Grade	Date Set	Amount Set	Set At
Tubing	2-1/2	6.5	Std	B	National	EUR	J55	11-23-49		
Rods	3/4			A	Jones	7		11-23-49	1177'	
<del>inserted</del>	7/8			A	Jones	7		11-23-49	2518'	
Mud Anchor	2 1/2	6.5	Std	B	National	Dull Plugged		11-23-49	31.77'	3758'

Tubing Perforations at 3723 - 3726 Pump Size 2 1/2" x 3" x 10' Set At 3721'

Mud Anchor Set at 3726' to 3758' Remarks:

Pumping Unit: Make **National** Size **14,000** Type **D-135-N-1145N**  
 Serial No. **10299** Max. Stroke **44"**  
 Engine: Make **Ajax** Type **COAM 7 1/2" x 9"**  
 H.P. **16 @ 350** Rated Speed **350 - 650**

Other Data Attached or to be Forwarded Later

	Previously Sent	Attached	To Follow (Check off)
Sample Log and Core Description	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Driller's Log by Contractor	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Copy of Electric Log	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Core Analysis Report	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Copy of Drilling Time Record	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Copy of Acid Record	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Copy of Perforating Record	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Schedules and Extra Sheets			
(a) Cores	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
(b) Drill Stem Tests	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
(c) Fillup or Swab Tests	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Mud Record	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Bottom Hole Pressure Data	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

The foregoing information is correct.

Original signed by  
**L. G. MANNING**  
Superintendent

Date **12-13-49** Signed

This form is to be filled out and mailed in triplicate to W. L. McCloy, Jr., 1775 Midland Building, Cleveland, Ohio, within ten days after the time of completion. Data not available then should follow as soon as possible. Each item of additional data should be checked above; if not obtained, indicate none under Remarks.

*2 7/8" tubing at 3755', sucker rods, and pump presently in well.*

ENGINEERING DEPT. COMPLETION SECTION  
120110