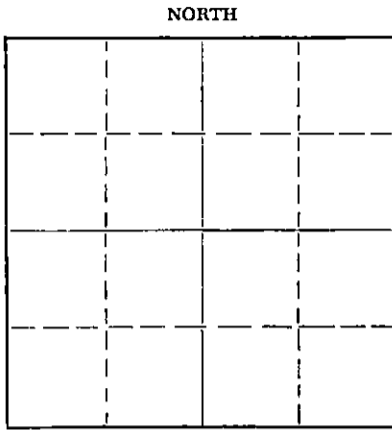


WELL PLUGGING RECORD

Give All Information Completely  
Make Required Affidavit  
Mail or Deliver Report to:  
Conservation Division  
State Corporation Commission  
212 North Market, Insurance Bldg.  
Wichita, Kansas

Ford County, Sec. 33 Twp. 25S Rge. (E) 21(W)

Location as "NE/CNW/SW" or footage from lines C SE SE  
Lease Owner Imperial Oil Company  
Lease Name Torline Well No. 2  
Office Address 780 Fourth Nat'l Bldg., Wichita, Kansas  
Character of Well (completed as Oil, Gas or Dry Hole) Dry Hole  
Date well completed 12-5-61 19  
Application for plugging filed 12-5-61 19  
Application for plugging approved 12-5-61 19  
Plugging commenced 12-5-61 19  
Plugging completed 12-5-61 19



Locate well correctly on above Section Plat

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

Name of Conservation Agent who supervised plugging of this well Mr. Frank Broadfoot  
Producing formation \_\_\_\_\_ Depth to top \_\_\_\_\_ Bottom \_\_\_\_\_ Total Depth of Well 4817 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
	Surface Casing			8-5/8"	217'	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 200' with 20 sacks cement,  
set top plug at 40' with 10 sacks cement.

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

Name of Plugging Contractor Imperial Oil of Kansas, Inc.  
Address 780 Fourth National Building, Wichita, Kansas

STATE OF KANSAS COUNTY OF SEDGWICK, ss.  
W. A. Sladek (employee of owner) or ~~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) William A. Sladek

780 Fourth Nat'l Bldg., Wichita, Kansas  
(Address)

SUBSCRIBED AND SWORN TO before me this 18th day of December, 1961

Bette J. Behymer  
Bette J. Behymer Notary Public.

My commission expires July 27, 1964



RCO-12-20-61

RECEIVED  
STATE CO. COMMISSIONER

DRILLER'S LOG

DL

CONSERVATION DIVISION  
Wichita, Kansas

Imperial Oil Company  
780 Fourth National Building  
Wichita 2, Kansas

Torline No. 2  
C SE SE Sec. 33-25S-21W  
Ford County, Kansas

Total Depth: 4817'

Commenced: 11-20-61 Completed: 12-7-61

Elevation: 2327 K.B.  
Production: Dry

Contractor: Imperial Oil of Kansas, Inc.  
Wichita 2, Kansas

Casing Record: Set 8-5/8" surface casing at 215' with 175 sacks cement.

Figures indicate bottom of formations:

TOPS

Surface Clay & Sand	140'	Heebner	4034 (-1707)
Sand & Shale	820'	Brown Lime	4144 (-1817)
Anhydrite	860'	Lansing	4154 (-1827)
Shale & Shells	1430'	Base Kansas City	4544 (-2217)
Shale & Pyrite	1700'	Cherokee Shale	4648 (-2321)
Shale & Shells	2330'	Mississippian	4787 (-2460)
Lime & Shale	2975'	Osage	4813 (-2486)
Lime	3280'	Total Depth	4817 (-2490)
Lime & Shale	3974'		
Lime & Chalk	4055'		
Lime & Shale	4170'		
Lime	4515'		
Lime & Chert	4542'		
Lime	4817'		
Rotary Total Dept:	4817'		

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 Raymond L. Bacon  
Raymond L. Bacon

Subscribed and sworn to before me this 18th day of December, 1961.

My Commission Expires:

July 27, 1964

Bette J. Behymer  
Bette J. Behymer, Notary Public

GEOLOGICAL REPORT

TORLINE NO. 2

C SE SE Sec. 33-25S-21W  
Ford County, Kansas

**RECEIVED**  
STATE CORPORATION COMMISSION

DEC 20 1961

CONSERVATION DIVISION  
Wichita, Kansas

## GEOLOGICAL REPORT

Company: Imperial Oil Company

Farm: Torline No. 2

Contractor: Imperial Oil of Kansas, Inc., Rig #1

Pool: Little Coon Creek

C SE SE Sec. 33-25S-21W

Ford County, Kansas

Elevation: 2327 K.B.

Rotary Total Depth: 4817'

Rotary Completed: 12-5-61

### Geological Data:

Samples were examined from 3800 to Rotary Total Depth. One foot drilling time was kept from 3600 to Rotary Total Depth. No electric log was run.

### Formation Tops

Heebner	4034 (-1707)
Brown Lime	4144 (-1817)
Lansing	4154 (-1827)
Base Kansas City	4544 (-2217)
Cherokee Shale	4648 (-2321)
Mississippian (Warsaw)	4787 (-2460)
Osage	4813 (-2486)
Rotary Total Depth	4817 (-2490)

### Porosity and Shows of Oil

There were no shows of oil throughout the Lansing-Kansas City or Marmaton sections. There were some fair to good oolitic porosity.

### Cherokee Shale 4648 (-2321)

4724-28 Tan finely crystalline fossiliferous limestone. Poor visible porosity. Very spotty trace of stain. No free oil. Judged no value.

4754-57 Tan finely crystalline chalky fossiliferous limestone. Poor vugular porosity. Very spotty watery stain. Judged no value.

D.S.T. #1 4716-60 Open one hour. Recovered 10' Mud. BHP 0#.

4776-85 Conglomeratic shales and cherts. Chert fresh sharp to tripolitic. Scattered black dead oil stain. Poor porosity. Judged no value.

### Mississippian (Warsaw) 4787 (-2460)

- 4787-89 Pale green to tan finely crystalline sucrosic slightly shaley oolitic oolitic dolomite. Fair to good oolitic and crystalline porosity. Fair saturation watery free oil stain.
- D.S.T. #2 4783-89 Open 2 hours. Recovered 600' Gas Cut Muddy Water. ICIP 1500#, IFP 75#, FFP 260#, FBHP 1460#, 30 minutes.
- 4789-4813 Dolomite as above. Fair saturation watery stain. Judged no value.

Osage 4813 (-2486)

- 4813-17 Gray to discolored fresh to slightly weathered and quartzose chert. Poor visible porosity. Scattered dead oil stain and asphalt residue. Judged no value.

Rotary Total Depty 4817 (-2490)

Plugged and abandoned on December 5, 1961.

IMPERIAL OIL COMPANY

*Gordon W. Keen*

Gordon W. Keen  
Geologist on Well

DRILLING TIME LOG

TORLINE NO. 2  
C SE SE Sec. 33-25S-21W  
Ford County, Kansas

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Depth	Minutes	Remarks
3600	3-4-4-4-3/5-4-4-5-3	
10	3-5-3-4-4/6-6-7-9-8	
20	6-2-1-1-1/2-5-5-4-4	
30	3-3-2-2-3/4-5-4-4-4	
40	5-5-4-8-5/5-7-6-6-6	
50	5-6-4-6-6/6-5-7-6-6	
60	5-6-6-7-6/ 5-2-1-2-2	
70	1-2-2-3-1/1-1-2-2-1	
80	2-4-6-7-7/8-9-8-8-8	
90	7-3-1-1-1/4-5-7-4-6	
37000	5-4-4-6-7/4-5-5-4-7	
10	8-3-4-5-7/5-5-5-5-5	Trip at 3711
20	5-4-4-4-3/3-5-5-4-3	
30	1-1-1-1-1/2-1- $\frac{1}{2}$ - $\frac{1}{2}$ -1	
40	1-1-2-1-2/2-2-2-5-5	
50	4-2-2-2-2/2-4-2-2-3	
60	2-2-2-2-1/1-1-1- $\frac{1}{2}$ - $\frac{1}{2}$	
70	1-2-2-5-2/2-2-2-1-1	
80	1-1-1-1-1/1-1-1-1-2	
90	3-3-3-2-2/1-2-1-1-1	
3800	2-1-1-1-1/2-2-2-2-1	
10	7-3-3-4-3/3-3-4-3-3	
20	4-5-5-3-3/6-6-6-6-6	
30	7-6-5-4-2/5-4-5-5-6	
40	4-2-2-1-2/2-2-3-2-3	
50	2-2-3-4-3/4-3-3-4-4	
60	4-6-6-4-3/1-2-2-3-4	
70	4-3-3-3-4/3-4-3-5-5	
80	3-5-4-18-19/14-7-5-3-4	
90	5-8-9-9-9/11-9-7-4-6	

Depth	Minutes	Remarks
3900	6-4-2-9-8/5-4-6-6-8	
10	9-10-8-6-10/6-4-4-8-12	
20	17-14-7-3-3/3-3-7-7-6	
30	7-8-7-5-5/5-3- 6-5-4	
40	4-6-7-8-8/9-10-12-10-7	
50	7-1-1-1-1/1-1-2-3-1	
60	6-8-8-9-11/11-10-8-7-8	
70	4-4-5-4-5/6-5-5-7-6	
80	6-5-3-4-3/4-3-3-5-5	
90	7-22-18-12-7/6-5-4-5-6	
4000	6-6-9-5-5/9-13-13-13 -11	
10	12-6-6-6-5/6-5-5-5-5	
20	4-8-8-8-4/5-5-11-15-12	
30	4-5-6-3-2/2-3-2-1-4	Trip at 4030
40	10-9-5-4-3/3-4-4-4-3	
50	2-2-3-2-10/3-2-3-3-3	
60	4-4-4-3-2/3-2-2-2-2	
70	2-2-2-2-3/2-4-5-4-4	
80	5-2-3-2-2/3-5-6-5-4	
90	2-3-2-2-3/2-2-2-2-3	
4100	3-4-4-2-4/3-3-4-4-3	
10	3-4-3-3-3/3-4-4-3-5	
20	5-4-3-6-6/3-2-2-1-2	
30	3-3-2-3-2/3-3-3-3-2	
40	3-4-5-2-4/8-8-7-5-5	
50	4-5-5-4-6/5-5-3-3-3	
60	4-4-7-8-9/7-9-8-5-5	
70	4-4-5-7-6/7-9-7-6-4	
80	5-10-7-6-5/8-5-7-7-5	
90	6-7-6-4-5/6-5-5-6-5	
4200	4-4-5-6-6/5-4-4-7-7	
10	8-8-8-7-9/10-6-10-7-8	
20	7-9-9-8-11/12-12-12-10-12	
30	9-10-12-11-13/8-6-7-9-7	
40	5-4-5-4-8/8-9-8-8-6	
50	6-10-12-17-19/8-7-6-8-8	Trip at 4255
60	8-6-4-6-8/4-3-2-2-3	
70	3-4-4-6-6/5-6-6-5-4	
80	6-4-5-4-6/4-4-5-5-6	
90	5-5-4-4-6/4-5-5-4-5	

Depth	Minutes	Remarks
4300	5-3-4-6-4/8-10-10-9-9	
10	4-10-7-5-5/6-10-11-7-7	
20	7-6-5-5-9/1-1-1-2-5	
30	6-9-8-8-9/9-10-6-11-8	
40	8-9- 5-9-9/8-9-5-5-5	
50	6-6-6-6-9/9-7-9-9-8	
60	6-4-9-9-9/10-10-8-9-10	
70	12-10-6-7-9/6-2- $\frac{1}{2}$ - $\frac{1}{2}$ -1	
80	2-6-9-11-10/10-8-7-3-5	
90	6-5-5-3-5/6-5-5-5-3	
4400	3-5-5-6-7/12-12-11-4-5	Trip at 4408
10	4-4-3-3-5/6-6-6-5-5	
20	4-5-4-4-3/3-4-4-4-5	
30	5-7-7-8-11/6-4-3-2-3	
40	7-7-5-7-11/14-8-7-6-7	
50	5-5-3-5-6/5-5-3-5-4	
60	5-5-5-4-4/10-8-5-3-3	
70	1-13-10-7-6/5-5-6-11-5	
80	7-9-9-9-11/9-8-10-8-8	
90	7-9-7-9-9/11-9-7-10-8	
4500	8-11-9-13-14/11-16-13-13-10	
10	11-15-15-11-8/12-12-11-11-13	
20	14-6-14-6-14/10-15-10-10-10	Trip at 4527
30	10-10-10-10-9/9-10-9-11-10	
40	10-10-11-13-6/8- 9-7-8-12	
50	13-11-6-8-7/7-6-8-7-11	
60	12-9-9-12-15/16-11-16-14-17	
70	18-12-12-14-13/12-11-12-14-13	
80	16-16-14-6-14/13-15-7-10-16	
90	14-14-10-8-10/11-12-12-9-9	
4600	10-11-10-11-11/ 12-12-11-11-10	
10	8-12-12-12-11/12-12-11-12-10	
20	12-11-11-12-12/9-3-3-3-6	
30	7-8-7-10-10/13-12-10-11-12	
40	10-12-12-11-11/12-13-14-12-11	
50	9-9-13-8-7/8-4-4-5-6	
60	5-6-8-8-8/14-18-17-13-11	Trip at 4668
70	8-7-11-10-11/8-8-12-14-11	
80	9-8-7-8-7/5-4-5-4-3	
90	4-4-7-7-9/8-8-11-10-10	



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Depth	Minutes	Remarks
4700	11-9-11-9-10/14-10-7-10-13	
10	11-9-9-12-15/13-10-6-9-12	
20	8-6-4-7-7/11-10-11-10-9	
30	7-9-9-10-9/8-10-10-10-9	
40	11-10-10-6-6/5-5-6-5-6	
50	5-6-6-7-11/8-7-8-7-7	
60	6-11-11-10-8/7-10-10-9-8	
70	6-9-15-10-10/6-13-12-16-10	
80	11-15-14-14-14/13-11-16-18-5	
90	3-3-7-5-5/7-9-6-3-5	
4800	4-7-9-9-6/8-6-5-6-8	
10	7-5-7-3-4/5-7	