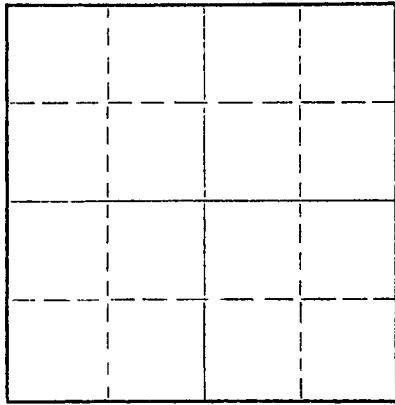


STATE OF KANSAS
STATE CORPORATION COMMISSION

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

WELL PLUGGING RECORD

NORTH



Locate well correctly on above
Section Plat

Rooks County. Sec. 21 Twp. 10S Rge. (E) 19(W)
Location as "NE/CNW/SW" or footage from lines SE SE NE
Lease Owner Imperial Oil Company
Lease Name Dick Well No. 1
Office Address 780 Fourth Nat'l Bldg., Wichita, Kansas
Character of Well (completed as Oil, Gas or Dry Hole) Dry Hole
Date well completed 12-4-61 19____
Application for plugging filed 12-4-61 19____
Application for plugging approved 12-4-61 19____
Plugging commenced 12-4-61 19____
Plugging completed 12-4-61 19____
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. Eldon Petty
Producing formation _____ Depth to top _____ Bottom _____ Total Depth of Well 3750 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	7"	216'	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 550' with 15 sacks,
second plug at 180' with 10 sacks,
top plug at 40' with 10 sacks.

RECEIVED
STATE CORPORATION COMMISSION
12-20-61
CONSERVATION DIVISION
WICHITA, KANSAS

(If additional description is necessary, use BACK of this sheet)
Name of Plugging Contractor Chemical & Technical Services, Inc.
Address Box 728, Hill City, Kansas

STATE OF KANSAS, COUNTY OF SEDGWICK, ss.
W. A. Sladek (employee of owner) ~~NOT A MEMBER~~ 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 National Bldg., Wichita, Ks.
(Address)

SUBSCRIBED AND SWORN to before me this 18th day of December, 19 61
Bette J. Behymer
Bette J. Behymer Notary Public.

My commission expires July 27, 1964

DRILLER'S LOG

Imperial Oil Company
780 Fourth National Building
Wichita 2, Kansas

Dick No. 1
SE SE NE Sec. 21-10S-19W
Rooks County, Kansas

Total Depth: 3750'

Elevation: 2149 KB

Commenced: 11-26-61 Completed: 12-4-61

Production: Dry

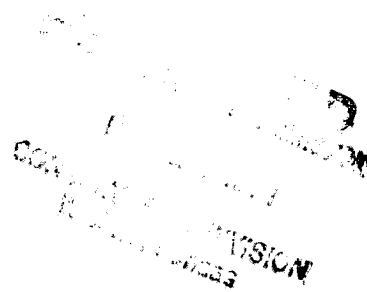
Contractor: Chemical & Technical Services, Inc.
Hill City, Kansas

Casing Record: Set 216' of 7" surface pipe at 215 with 85 sacks cement.

Figures indicate bottom of formations:

TOPS

Clay, Sand & Post Rock	160'	Topeka	3149 (-1000)
Shale	657'	Heebner	3370 (-1221)
Shale & Sand	980'	Toronto	3396 (-1247)
Sand	1185'	Lansing	3412 (-1263)
Shale	1375'	Base Kansas City	3621 (-1472)
Shale & Red Bed	1516'	Conglomerate	3670 (-1521)
Anhydrite	1547'	Total Depth	3750 (-1601)
Shale & Shells	1865'		
Shale & Lime	3350'		
Lime	3398'		
Lime & Chert	3433'		
Lime	3713'		
Conglomerate	3750'		
Rotary Total Depth	3750'		



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. Bekymer
Bette J. Bekymer, Notary Public

GEOLOGICAL REPORT

DICK NO. 1

SE SE NE Sec. 21-10S-19W
Rooks County, Kansas

RECEIVED
STATE OF KANSAS
CONSERVATION DIVISION
TOPEKA, KANSAS

GEOLOGICAL REPORT

Company: Imperial Oil Company
Farm: DICK NO. 1
Contractor: Chem-Tech, Hill City, Kansas
Pool: Wildcat

SE SE NE Sec. 21-10S-19W
Rooks County, Kansas
Elevation: 2149 K.B.
Rotary Total Depth: 3750'

Rotary Completed: December 4, 1961

Geological Data:

Samples were examined from 3200' to Rotary Total Depth. One foot drilling time was kept from 3000 to Rotary Total Depth. A Welex Radiation Guard Log was run.

Formation Tops

	<u>Sample</u>	<u>Electric Log</u>
Topeka	3149 (-1000)	3149 (-1000)
Heebner	3370 (-1221)	3371 (-1222)
Toronto	3396 (-1247)	3397 (-1248)
Lansing	3412 (-1263)	3413 (-1264)
Base Kansas City Conglomerate	3621 (-1472)	3622 (-1473)
Total Depth	3670 (-1521)	3670 (-1521)
	3750 (-1601)	3750 (-1601)

Porosity and Shows of Oil

Topeka 3149 (-1000)

There were no oil shows in this section.

Toronto 3396 (-1247)

Tan finely crystalline fossiliferous limestone. Poor porosity.
No oil show.

Lansing 3412 (-1263)

3412-38 (Top Zone) Cream finely crystalline oolitic limestone, slightly cherty in the base. Poor porosity. No oil show.

3448-61 (35' Zone) Cream finely crystalline fossiliferous limestone. Poor porosity. No oil show.

3467-80 (50' Zone) White to cream finely crystalline fossiliferous to oolitic limestone. Scattered black residue. No free oil. Poor porosity.

3488-92 (70' Zone) Tan dense finely crystalline fossiliferous limestone. Poor porosity. No oil show.

- 3493-3502 (90' Zone) Tan finely crystalline fossiliferous, sucrosic limestone. Fair to good intercrystalline porosity. Scattered black residue. No free oil.
- 3504-34 (100' Zone) Tan finely crystalline oolitic limestone. Fair to poor interoolitic porosity. No oil show.
- 3546-62 (140' Zone) Tan finely crystalline fossiliferous limestone. Poor porosity. No oil show.
- 3567-76 (160' Zone) Tan to light gray fine crystalline fossiliferous limestone. Poor scattered light stain. Very poor porosity. Judged no value.
- 3579-98 (180' Zone) Cream finely crystalline dense limestone. Trace of stain and trace of free oil. Very poor porosity. Judged no value.
- 3604-21 (200' & 220' Zones) Cream finely crystalline dense fossiliferous limestone. Poor porosity. No oil show.

Base Kansas City 3621 (-1472)

Conglomerate 3670 (-1521)

3670-3750 Vari-colored shales and vari-colored cherts. No oil shows.

Rotary Total Depth 3750 (-1601)

The test was plugged and abandoned on December 4, 1961.

IMPERIAL OIL COMPANY

Raymond R. Dombaugh

Raymond R. Dombaugh
Geologist on Well

DRILLING TIME LOG

DICK NO. 1
SE SE NE Sec. 31-10S-19W
Rooks County, Kansas

Depth	Minutes	Remarks
3000	2-1-1-2-2/5-6-6-2-3	
10	3-5-7-4-5/6-4-5-4-4	
20	3-3-3-5-4/4-4-2-4-4	
30	5-4-6-3-5/4-5-4-6-5	
40	5-5-8-5-3/3-2-4-4-2	
50	3-2-5-4-5/6-5-5-4-4	
60	5-6-3-2-3/3-3-3-2-3	
70	3-2-3-2-2/2-2-2-2-1	
80	1-1-2-5-6/7-8-7-2-2	Trip at 3088
90	1-1-2-1-1/2-3-1-1-1	
3100	1-1-1- $\frac{1}{2}$ - $\frac{1}{2}$ / $\frac{1}{2}$ - $\frac{1}{2}$ - $\frac{1}{2}$ - $\frac{1}{2}$	
10	$\frac{1}{2}$ - $\frac{1}{2}$ - $\frac{1}{2}$ -1-1/1-1-2-1-1	
20	1-1-1-2-2/1-1-2-2-2	
30	2-2-3-2-2/2-2-1-1-1	
40	$\frac{1}{2}$ - $\frac{1}{2}$ -1-1-1/2-2-2-2-3	
50	2-2-3-2-2/2-2-3-3-2	
60	1-2-2-2-2/3-3-2-3-2	
70	3-3-3-3-3/3-1-1-2-1	
80	1-1-1-1-2/3-3-2-1-2	
90	3-2-3-3-3/3-2-2-2-2	
3200	2-3-3-3-3/3-3-3-3-3	
10	4-4-4-2-3/2-2-2-2-3	
20	2-2-4-4-5/5-6-3-2-2	
30	1-2-2-2-3/3-2-1-1-2	
40	1-1-2-3-2/3-3-4-5-2	
50	5-6-7-3-3/3-3-4-4-5	
60	5-3-7-8-7/6-8-9-6-7	
70	10-5-8-4-7/7-4-8-4-3	
80	6-7-8-9-7/9-7-10-9-10	
90	14-10-4-5-4/4-4-5-4-5	

Depth	Minutes	Remarks
3300	5-10-8-7-4/4-4-12-12-13	Trip at 3310
10	5-4-1-2-1/1-2-1-1-2	
20	1-3-4-2-4/4-4-4-4-5	
30	6-6-7-6-4/2-3-2-2-3	
40	3-4-3-3-5/3-5-3-6-4	
50	9-5-7-8-8/5-7-5-6-9	
60	5-7-7-7-8/8-8-8-8-5	
70	3-3-1-5-9/9-10-10-4-4	
80	7-5-5-4-7/5-6-5-4-2	
90	2-3-3-2-3/2-3-6-5-5	
3400	4-6-9-8-5/5-6-5-4-4	
10	4-4-7-9-7/10-10-8-5-7	
20	7-10-11-10-10/9-9-9-10-12	
30	14-15-15-8-5/10-7-11-5-7	Trip 3433
40	5-5-5-4-5/4-4-4-3-3	
50	4-3-3-5-4/5-5-4-6-7	
60	7-4-5-4-5/4-5-6-8-8	
70	8-7-5-8-5/8-7-7-6-6	
80	4-3-10-6-7/3-3-4-7-10	
90	10-7-4-6-6/4-2-2-2-3	
3500	3-5-4-4-3/4-2-3-4-3	
10	5-8-7-6-6/7-6-6-5-6	
20	8-10-10-10-12/11-10-10-9-10	
30	8-8-8- 7-2/6-8-10-5-5	Trip at 3539
40	1-2-3-2-2/2-4-4-4-6	
50	5-3-5-4-8/14-15-18-15-15	
60	15-12-6-16-11/6-9-12-13-13	
70	15-15-17-13-12/12-15-15-21-10	
80	8-13-18/5-6/5-7-4-5-6	Trip at 3583
90	6-5-7-5-6/4-5-4-3-3	
3600	3-3-2-3-5/4-5-4-2-5	
10	5-5-5-5-5/5-6-6-6-5	
20	6-3-4-3-5/6-7-7-3-4	
30	3-3-5-4-3/2-3-3-4-2	
40	2-3-4-4-5/4-3-4-3-5	
50	3-3-5-2-4/5-3-4-3-4	
60	6-6-7-10- 6/6-4-6-6-6	
70	11-7-10-9-9/7-6-7-8-8	
80	6-6-4-6-6/9-3-3-3-5	
90	5-10-7-8-10/10-11-10-9-10	

Depth	Minutes	Remarks
3700	8-7-8-9-7/7-7-6-6-8	
10	8-7-7-4-3/4-4-4-4-3	Trip at 3713
20	4-4-5-4-4/4-4-6-5-5	
30	5-6-5-5-5/5-5-5-5-5	
40	4-5-5-5-4/5-5-6-5-5	