STATE OF KANSAS
STATE CORPORATION COMMISSION

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

## WELL PLUGGING RECORD

Least Name — Integring 10 into Company — Well No. Lease Name — Dick — See No. Company — Well No. Lease Name — Dick — Dry Hole — Dr	212 North Market, Insurance Bldg. Wichita, Kansas		Rooks	County.	Sec. 21	Twp. 10S Rge.	(E) $19$ $(W)$
Leuse Name Dick  Character of Well (completed as Oll, Gas or Dry Hole)  Date well completed as Oll, Gas or Dry Hole)  Date well completed as Oll, Gas or Dry Hole)  Application for plugging glied.  12-4-61.  19  Plugging completed.  12-4-61.  10  Reason for abundonment of well or producing formation.  No. commercial quantities of all Tournd.  It is producing well is abundomed, date of last production.  10  Was permission obtained from the Conservation Division or its agents before plugging was commenced.  Yes.  Oll, GAS OR WATER RECORDS  CASING RECORD  CONTERT From 10  Surface Casing 7'' 216' Not pulled.  Surface Casing 7'' 216' Not pulled.  Surface Casing 7'' 216' Not pulled.  See first plug st 550' with 15 sacks,  second plug st.  Set first plug st 550' with 10 sacks,  top plug at 180' with 10 sacks,  top plug at 40' with 10 sacks,  CONTENT Sacks,  Second plug at 1180' with 10 sacks,  top plug at 40' with 10 sacks,  CONTENT Sacks,  Second Plugging Contractor.  Chemical the measure or other plugs were used, state the character of same and depth placed, from.  Sold, Gas or with 10 sacks,  top plug at 180' with 10 sacks,  top plug at 180' with 10 sacks,  CONTENT OF SEDEWICK.  W. A. Sladek  (umpleyee of covers) Micromentory of the above-described will as filed and that the same are true and correct. So help grouped.  Solutions and successful the same are true and correct. So help grouped.  Solutions and successful the same are true and correct. So help grouped.  Solutions are filed the same are true and correct. So help grouped.  Solutions are filed the same are true and correct. So help grouped.  Solutions and successful the same are true and correct. So help grouped.  Solutions and successful the same are true and correct. So help grouped.  Solutions and successful the same are true and correct. So help grouped.  Solutions and successful th	NORTH			footage from l	ines		
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ne of Conservation Agent who supervised plugging of this well Depth to top Bottom Total Depth of Well 3750 Feet United Francisco.  Depth and thickness of all water, oil and gas formations.  DIL, CAS OR WATER RECORDS  CASING RECORD  TOBARTOR TO SIZE PUT IN PULLED OUT SULFACE Casing 7" 216' Not pulled Surface Casing 7" 216' Not pulled the manner in which the well was plugged, indicating where the mud fluid was placed and the method or methods used introducing it into the hole. If ement 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 \$50' with 15 sacks, second plug at 180' with 10 sacks.  Set plug at 40' with 10 sacks.  Sill. A.O.G.  CONSTRUCTION OF SENDING SERVICES, Inc. Box 728, Hill City, Kansas  WIE OF KANSAS  COUNTY OF SENDING S.  L. CHING AND SWORN TO before me this 18th day of December 19 of 18th Andread Services 19 of 18th Andread 18th Andread Services 19 of 18th Andread 18th Andread Services 19 of 18th Andread 18th A	Locate well correctly on above			the Conservatio	n Divisio	n or its agents bet	ore plugging was com-
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780 Fourth National Bldg., Wichita, Ks. Subscribed and Sworn to before me this 18th day of December , 1961  Better Robinson		says: That I have kno	owledge of the fa	cts, statements,	, and mat	ters herein contain	of the above-described ned and the log of the
Subscribed and Sworn to before me this 18th day of December , 1961  Better Behamer	ve-described well as filed and that	says: That I have kno	owledge of the fa	cts, statements,	, and mat	ters herein contain	of the above-described ned and the log of the
Subscribed and Sworn to before me this 18th day of December , 1961  Better Behamer	ve-described well as filed and that	says: That I have known the same are true and	owledge of the fa	lp me God.		G. Slace	of the above-described ned and the log of the
Bette J. Behymer Notary Public.	ve-described well as filed and that	says: That I have known the same are true and	owledge of the fad correct. So he (Signature)	lp me God.	!nr (	7. Slac	ned and the log of the
Bette J. Behymer Notary Public.	ve-described well as filed and that	says: That I have known the same are true and	owledge of the fad correct. So he (Signature)	cts, statements, lp mc God. Fourth	enz (	Filac al Bldg. (Address)	wichita, Ka
	ve-described well as filed and that	says: That I have known the same are true and	owledge of the fad correct. So he (Signature)	cts, statements, lp mc God.  Fourth  Decembe	ens ( Natio	Address)  Behom	wichita, Ka

#### 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		(-1000)
Shale	657 '	Heebner	3370	(-1221)
Shale & Sand	980'	Toronto	3396	(-1247)
Sand	1185 '	Lansing	3412	(-1263)
Shale	1375'	Base Kansas City	3621	<b>(-1472)</b>
Shale & Red Bed	1516'	Conglomerate	3670	<b>(-1521)</b>
Anhydrite	1547 '	Total Depth	3750	(-1601)
Shale & Shells	1865 '			
Shale & Lime	3350'			
Lime	3398'	•		
Lime & Chert	3433'			
Lime	3713'	The state of the s	3	
Conglomerate	3750'		* • • • • • • • • • • • • • • • • • • •	
Rotary Total Depth	3750'	A Commence of the second		
·		7380		

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

Raymond L. Bacon

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

My Commission Expires:

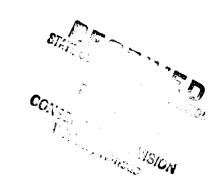
July 27, 1964

Bette J. Bekymer, Notary Public

## GEOLOGICAL REPORT

DICK NO. 1

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



#### GEOLOGICAL REPORT

Company: Imperial Oil Company SE SE NE Sec. 21-10S-19W

Farm: DICK NO. 1 Rooks County, Kansas Contractor: Chem-Tech, Hill City, Kansas Elevation: 2149 K.B.

Pool: Wildcat 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

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

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	3-2-3-2-2/2-2-2-1	
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	
2100	1 1 1 1 1/1 1 1 1 1	
3100 10	1-1-1-2-2/2-2-2-2 3-3-3-1-1/1-1-2-1-1	
20	1-1-1-2-2/1-1-2-2-2	
30	2-2-3-2-2/2-2-1-1	
40	3-3-1-1-1/2-2-2-3	
50	2-2-3-2-2/2-2-3-3-2	
60	1-2-2-2-2/3-3-2-3-2	
70	3-3-3-3/3-1-1-2-1	
80	1-1-1-2/3-3-2-1-2	
90	3-2-3-3-3/3-2-2-2	
3200	2-3-3-3-3/3-3-3-3	
10	4-4-4-2-3/2-2-2-3	
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 60	5-6-7-3-3/3-3-4-4-5 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	
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Depth	Minutes	Remarks
		Twin at 3310
	5-10-8-7-4/4-4-12-12-13 5-4-1-2-1/1-2-1-1-2	Trip at 3310
	1-3-4-2-4/4-4-4-5	
	6-6-7-6-4/2-3-2-2-3	
	3-4-3-3-5/3-5-3-6-4	
	9-5-7-8-8/5-7-5-6-9	
	5-7-7-8/8-8-8-5	
	3-3-1-5-9/9-10-10-4-4	
80	7-5-5-4-7/5-6-5-4-2	
	2-3-3-2-3/2-3-6-5-5	
3400	4-6-9-8-5/5-6-5-4-4	
	4-4-7-9-7/10-10-8-5-7	
20	7-10-11-10-10/9-9-9-10-12	
3 <del>0</del>	14-15-15-8-5/10-7-11-5-7	Trip 3433
	5-5-5-4-5/4-4-4-3-3	
	4-3-3-5-4/5-5-4-6-7	
	7-4-5-4-5/4-5-6-8-8	
	8-7-5-8-5/8-7-7-6-6	
	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	
	5-8-7-6-6/7-6-6-5-6	
	8-10-10-10-12/11-10-10-9-10	·
	8-8-8- 7-2/6-8-10-5-5	Trip at 3539
	1-2-3-2-2/2-4-4-6	
50	5-3-5-4-8/14-15-18-15-15	
	15-12-6-16-11/6-9-12-13-13	
	15-15-17-13-12/12-15-15-21-10	Waster 2502
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	
	5-5-5-5/5-6-6-5	
	6-3-4-3-5/6-7-7-3-4	
<b>3</b> 0	•	
40	2-3-4-4-5/4-3-4-3-5	•
50	3-3-5-2-4/5-3-4-3-4	
60	•	
	11-7-10-9-9/7-6-7-8-8	
•	6-6-4-6-6/9-3-3-3-5 5-10-7-8-10/10-11-10-9-10	
90	J-In-\-0-In\ In-II-In-2-In	

Depth	Minutes	Remarks	
	8-7-8-9-7/7-7-6-6-8		
	8-7-7-4-3/4-4-4-4-3	Trip at 3713	
	4-4-5-4-4/4-4-6-5-5 5-6-5-5-5/5-5-5-5		
	4-5-5-5-4/5-5-6-5-5		