

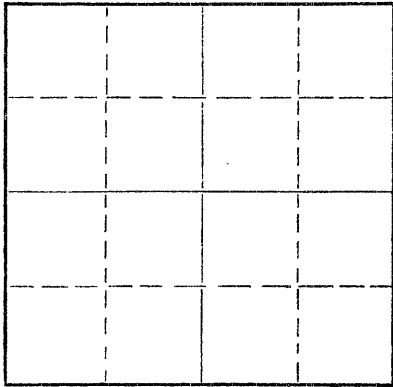
STATE OF KANSAS
STATE CORPORATION COMMISSION

Give All Information Completely
Make Required Affidavit
Mail or Deliver Report to:
Conservation Division
State Corporation Commission
212 No. Market
Wichita, Kansas

15-141-20007-00-00 Form CP-4

WELL PLUGGING RECORD

NORTH



Locate well correctly on above
Section Plat

Osborne County. Sec. 5 Twp. 10S Rge. (E) 15(W)

Location as "NE/CNW/SW" or footage from lines C E 1/2 NE NW

Lease Owner Imperial Oil Company

Lease Name Hobrock Well No. 1

Office Address 780 Fourth Nat'l Bldg., Wichita, Ks. 67202

Character of Well (completed as Oil, Gas or Dry Hole) Dry Hole

Date well completed June 20 19 68

Application for plugging filed June 20 19 68

Application for plugging approved June 20 19 68

Plugging commenced June 20 19 68

Plugging completed June 20 19 68

Reason for abandonment of well or producing formation No commercial quantities of oil were encountered.

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 Donald Truan, Russell, Kansas

Producing formation Depth to top Bottom Total Depth of Well 3700 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	at 243	ft.	8 5/8"		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 3700 feet to feet for each plug set.

Set first plug at 600 ft. with 50 sacks cement.
Set second plug at 230 ft. with 25 sacks cement.
Set third plug at 40 ft. with 10 sacks cement.

RECEIVED
STATE CORPORATION COMMISSION
JUL 2 1968
CONSERVATION DIVISION
Wichita, Kansas

7-2-68

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

Name of Plugging Contractor Imperial Oil Company
Address 780 Fourth National Bldg., Wichita, Kansas 67202

STATE OF Kansas, COUNTY OF SEDGWICK, ss.
William A. Sladek (employee of owner) or (owner or operator) 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
IMPERIAL OIL COMPANY
780 Fourth National Bldg., Wichita, Ks.
(Address)

SUBSCRIBED AND SWORN TO before me this 24th day of June, 19 68

My commission expires March 3, 1970

Mary J. Brown
Notary Public.

DRILLER'S LOG

15-141-20007-00-00

Imperial Oil Company
780 Fourth National Bldg.
Wichita, Kansas 67202

#1 Hobrock
C E 1/2 NE NW Sec. 5-10S-15W
Osborne County, Kansas

Total Depth: 3700 ft.

Elevation: 1997 K.B.

Commenced: June 10, 1968

Completed: June 20, 1968
Dry Hole

Contractor: Imperial Oil Co., Rig #2

Casing Record: Set surface casing, 8 5/8 inch at 243 ft. with 165 sacks cement.

Figures indicate bottom of formations:

243' Rock-shale
350' Shale
1210' Shale-shells
1244' Anhydrite
1955' Shale-lime
3115' Lime-shale
3360' Lime
3385' Lime-shale
3485' Lime
3566' Lime-shale
3650' Lime
3695' Lime-chert
3700' Lime
3700' Rotary Total Depth

Sample Tops:

Topeka 2930 (- 933)
Heebner 3164 (-1167)
Toronto 3185 (-1188)
Brown Lime 3215 (-1218)
Lansing 3223 (-1226)
Base Kansas City 3477 (-1480)
Viola 3685 (-1688)
Total Depth 3700 (-1703)

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 24th day of June, 1968.

Mary J. Brown
Mary J. Brown, Notary Public

My Commission Expires:
March 3, 1970

Received
7-2-68

RECEIVED
STATE CORPORATION COMMISSION
JUL 2 1968
CONSERVATION DIVISION
Wichita, Kansas

7-2-68

GEOLOGICAL REPORT

NO. 1 HOBROCK
C E $\frac{1}{2}$ NE NW Sec. 5-10S-15W
Osborne County, Kansas

GEOLOGICAL REPORT

Company: Imperial Oil Company
Farm: Hobrock #1
Contractor: Imperial Oil Company
Pool: Wildcat

Osborne County, Kansas
C E½ NE NW Sec. 5-10S-15W
Elevation: 1997 K.B.
Rotary Total Depth: 3700 ft.

Rotary Completed: 6-20-68

Geological Data:

Samples were examined from 2900 ft. to Rotary Total Depth. One foot drilling time was kept from 2700 ft. to Rotary Total Depth. (Electric log information: No log run.)

Formation Tops

Sample Tops

Topeka	2930 (- 933)
Heebner	3164 (-1167)
Toronto	3185 (-1188)
Brown Lime	3215 (-1218)
Lansing	3223 (-1226)
Base Kansas City	3477 (-1480)
Viola	3685 (-1688)
Total Depth	3700 (-1703)

Porosity and Shows of Oil

Lansing

3242-51

(35' Zone) Cream to buff fossiliferous limestone. Fair fossiliferous porosity. Trace of free oil and light stain.

3270-76

(50' Zone) White to tan dense to chalky and sucrosic fossiliferous limestone. Generally poor porosity. Fair odor. Slight show of free oil.

DST #1

3229-75'. Open 60 minutes. Weak blow for 20 minutes. Recovered 25 ft. mud. ICIP 990#, IFP 35#, FFP 47#, FCIP 884#.

3291-94

(70' Zone) White and buff to light tan and gray fossiliferous limestone. Poor porosity. Very scattered show of gilsonite. Slight odor. Trace of free oil.

3304-08

(90' Zone) White and cream to very light gray, slightly cherty, fossiliferous limestone. Poor visible porosity. Slight odor. Very scattered light stain and show of gilsonite.

GEOLOGICAL REPORT: #1 Hobrock


- 3315-20 (100' Zone) White to cream oolitic limestone. Good porosity, mostly barren. Good show of free oil.
- DST #2 3280-3335'. Open 60 minutes. Strong blow. Recovered 150 ft. muddy water. ICIP 1117#, IFP 47#, FFP 105#, FCIP 1117#.
- 3352-57 (140' Zone) White to buff, slightly cherty oolitic limestone. Scattered fair porosity. Fair scattered show of free oil.
- 3381-86 (160' Zone) White to cream fossiliferous limestone. Poor to fair scattered vugular porosity. Slight show of free oil.
- DST #3 3342-85'. Open 60 minutes. Weak blow for 1 minute. Recovered 10' mud. ICIP 23, IFP 23, FFP 23, FCIP 23#/30".
- 3398-3404 (180' Zone) White to light gray chalky to dense lithographic limestone. Poor porosity. Very scattered light stain. Trace of free oil.
- 3429-34 (200' Zone) Light Gray to cream and tan fossiliferous limestone. Generally poor porosity. Very scattered show of free oil.
- DST #4 3388-3465'. Open 60 minutes. Weak blow for 15 minutes. Recovered 30 ft. mud with few specks of oil. ICIP 778#, IFP 47#, FFP 47#, FCIP 353#.

Total Depth 3700 feet

D & A

June 20, 1968

IMPERIAL OIL COMPANY


William A. Sladek

WAS:j1

DRILLING TIME LOG
 #1 HOBROCK
 C E½ NE NW Sec. 5-10S-15W
 Osborne County, Kansas

Depth	Minutes	Remarks
1' Intervals		
2700-2710	1-1-1-1-1/1-1-1-1-1	
20	1-2-1-2-1/1-2-1-1-1	
30	1-2-2-2-2/2-3-2-1-2	
40	2-2-3-3-3/3-2-2-2-2	
50	2-3-3-3-2/2-3-2-2-3	
60	2-2-2-3-3/2-1-1-1-1	
70	1-1-1-2-1/1-½-½-1-1	
80	2-1-1-1-2/1-1-1-1-3	
90	4-5-4-3-4/3-4-3-4-5	
2800	3-4-4-4-5/2-1-3-4-3	
2800-2810	2-1-1-2-2/2-3-3-4-3	
20	4-3-4-2-2/5-4-4-4-3	
30	2-2-2-2-1/3-3-4-4-4	
40	4-4-4-2-4/4-3-4-3-4	
50	3-3-2-3-2/1-2-2-1-2	
60	1-2-0-1-1/3-4-5-4-6	1' corr. @ 2853'
70	5-1-3-3-4/3-4-2-3-2	
80	3-4-2-2-2/2-2-3-3-4	
90	3-2-2-2-1/1-1-1-1-2	
2900	1-2-2-1-1/2-2-2-2-2	
2900-2910	2-2-2-4-3/3-4-3-3-3	
20	4-3-3-3-4/4-2-2-2-2	
30	2-3-2-2-2/2-2-1-2-2	
40	2-2-3-3-5/6-6-5-4-5	
50	4-5-4-5-4/4-4-4-3-4	
60	4-5-4-4-3/4-4-4-3-2	
70	2-6-4-3-3/3-6-4-5-5	
80	5-4-6-5-5/2-5-6-4-3	
90	2-2-3-3-3/4-5-5-4-6	
3000	7-6-6-7-5/6-5-5-6-5	

DRILLING TIME LOG: #1 Hobrock

Depth	Minutes	Remarks
1' Intervals		
3000-3010	6-7-6-6-5/6-7-7-6-5	Trip at 3010
20	3-2-3-4-4/4-3-5-5-5	
30	5-5-4-5-5/4-5-5-4-4	
40	3-3-3-4-3/3-4-4-3-2	
50	4-7-5-5-3/3-4-4-3-4	
60	3-2-3-3-4/4-5-6-6-7	Rough at 3055
70	6-4-6-7-7/7-6-5-6-6	
80	4-5-5-7-7/6-5-5-7-7	
90	6-8-8-9-2/2-4-3-2-3	
3100	6-7-5-4-4/6-6-4-3-2	Stop at 3100'
3100-3110	4-5-3-3-5/4-3-4-7-6	
20	5-7-7-5-6/4-4-3-5-7	
30	7-7-7-7-7/6-7-8-6-5	
40	3-3-6-6-10/7-4-7-5-6	
50	6-7-6-9-9/11-8-10-8-8	
60	7-7-7-6-8/10-9-10-12-15	
70	13-13-10-12-6/5-2-7-13-12	
80	12-7-6-5-5/7-5-5-6-6	
90	7-5-5-4-5/7-12-8-12-10	Saved wet samples at 3200';
3200	11-8-9-8-8/10-6-7-10-7	Circ. for 30".
3200-3210	5-6-6-4-4/4-4-5-5-5	
20	5-4-5-5-6/8-10-7-3-3	
30	4-3-3-6-10/8-10-10-6-5	
40	5-7-6-5-6/5-4-5-4-4	Stop at 3235'
50	4-3-4-4-3/2-4-3-2-3	
60	3-5-4-4-4/4-6-6-4-4	Stop at 3255'
70	3-3-5-5-5/5-4-6-4-3	
80	4-4-5-4-5/4-6-7-7-6	DST #1: 3229-75; Circ. 1 hr.
90	6-7-5-4-2/6-5-5-4-3	
3300	4-5-9-9-8/5-6-5-8-6	
3300-3310	4-5-3-6-5/4-5-4-7-7	
20	7-9-7-3-1/2-2-2-2-6	
30	7-9-5-9-6/9-10-6-6-10	
40	9-10-10-10-10/7-7-7-7-6	DST #2: 3280-3335; circ.
50	6-6-5-5-3/6-8-4-4-3	
60	4-2-2-3-3/4-4-5-5-7	
70	7-6-7-5-7/9-12-9-9-9	Stop at 3365'
80	6-12-7-7-7/6-7-6-8-8	
90	10-8-7-10-7/8-11-10-7-5	DST #3: 3342-85; circ.
3400	6-5-6-5-6/7-10-12-9-9	

DRILLING TIME LOG: #1 Hobrock

Depth	Minutes	Remarks
1' Intervals		
3400-3410	8-10-9-7-8/8-8-8-8-7	
20	6-9-7-10-7/8-9-8-9-4	
30	2-5-3-4-4/4-5-4-3-4	
40	2-4-4-4-6/6-7-6-7-7	Stop at 3440'
50	4-8-7-7-8/8-9-7-5-4	
60	4-8-5-5-5/5-6-5-4-4	
70	5-4-4-6-6/4-6-5-6-7	DST #4: 3388-3465'; Circ.
80	7-8-7-8-7/7-7-3-4-3	
90	4-3-3-3-5/5-7-7-5-6	From 3480-T.D. - Catch 10'
3500	5-5-5-4-4/3-6-7-7-5	samples.
3500-3510	5-3-3-4-3/3-3-2-2-2	
20	4-5-3-8-8/8-8-6-8-6	
30	7-8-8-4-5/6-6-6-7-6	
40	6-6-5-6-5/4-7-7-5-4	
50	3-4-5-5-5/6-8-5-8-8	
60	7-8-6-6-8/5-6-6-8-6	
70	7-6-6-6-5/8-7-10-9-10	
80	8-6-6-8-7/6-5-5-5-4	
90	4-4-4-3-5/5-5-5-5-6	
3600	7-7-6-5-8/9-8-5-6-6	
3600-3610	9-7-5-3-2/3-3-5-6-4	
20	6-7-3-2-7/3-2-1-2-3	
30	2-5-5-8-5/6-5-4-3-2	
40	3-3-3-3-3/5-4-6-5-3	
50	4-4-4-5-7/3-5-5-3-9	Trip at 3650
60	4-3-3-2-2/2-3-2-2-3	
70	5-5-6-4-4/4-4-6-6-7	
80	6-7-7-6-5/5-6-6-7-7	
90	7-6-4-5-6/9-12-10-12-12	
3700	12-13-11-12-12/13-15-8-8-8	

Rotary Total Depth 3700'