

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 Commission  
212 North Market, Insurance Bldg.  
Wichita, Kansas

Ford County. Sec. 35 Twp. 25S Rge. (E) 21(W)

Location as "NE/CNW/SW" or footage from lines C NE SE

Lease Owner Imperial Oil Company

Lease Name Israel 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 12-7-61 19

Application for plugging filed 12-7-61 19

Application for plugging approved 12-7-61 19

Plugging commenced 12-7-61 19

Plugging completed 12-7-61 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. 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"	219'	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 205' 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, 19 61

*Bette J. Behymer*  
Bette J. Behymer Notary Public.

My commission expires July 27, 1964



REC-12-20-61

DRILLER'S LOG

Imperial Oil Company  
780 Fourth National Building  
Wichita 2, Kansas

Israel No. 1  
C NE SE Sec. 35-25S-21W  
• Ford County, Kansas

Total Depth: 4821'

Elevation: 2282 K.B.  
Production: Dry

Commenced: 11-22-61 Completed: 12-7-61

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

Casing Record: Set 8-5/8" surface pipe at 217' with 175 sacks cement.

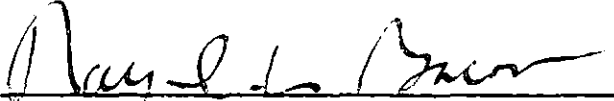
Figures indicate bottom of formations:

TOPS

Shale & Sand	280'	Heebner	3997 (-1715)
Shale & Shells	765'	Brown Lime	4103 (-1821)
Anhydrite	795'	Lansing	4115 (-1833)
Shale & Shells	2265'	Base Kansas City	4504 (-2222)
Shale & Lime	4270'	Cherokee Shale	4614 (-2332)
Lime	4821'	Mississippian	4764 (-2482)
Rotary Total Depth	4821'	Osage	4802 (-2520)
		Total Depth	4821 (-2539)

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. Behymer, Notary Public

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STATE CORPORATION COMMISSION

DEC 20 1961  
CONSERVATION DIVISION  
Wichita, Kansas

GEOLOGICAL REPORT

ISRAEL NO. 1

C NE SE Sec. 35-25S-21W  
Ford County, Kansas

## GEOLOGICAL REPORT

Company: Imperial Oil Company

Farm: ISRAEL NO. 1

Contractor: Imperial Oil of Kansas, Inc., Rig #2

Pool: Wildcat

C NE SE Sec. 35-25S-21W

Ford County, Kansas

Elevation: 2282 K.B.

Rotary Total Depth: 4821'

Rotary Completed: 12-7-61

### Geological Data:

Samples were examined from 3900' to Rotary Total Depth. One foot drilling time was kept from 3600' to Rotary Total Depth. No electric log was run.

### Formation Tops

Heebner	3997 (-1715)
Brown Lime	4103 (-1821)
Lansing	4115 (-1833)
Base Kansas City	4504 (-2222)
Cherokee Shale	4614 (-2332)
Mississippian (Warsaw)	4764 (-2482)
Osage	4802 (-2520)
Rotary Total Depth	4821 (-2539)

### 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 zones of oolitic porosity.

#### Cherokee Shale 4614 (-2332)

4647-50 Tan finely crystalline dense limestone. Poor porosity. Trace dark stain. Judged no value. No other shows were encountered in the Cherokee group.

D.S.T. #1 4611-4705 Open one-half hour. Recovered 30' Mud. ICIP 320#, FBHP 0#, 20 minutes.

#### Conglomerate 4725 (-2443)

4725-43 Conglomerate shales, some chert. No show.

#### Reworked Warsaw Dolomite 4743 (-2461)

4743-47 Greenish gray to tan finely crystalline shaley vuggy oolitic dolomite. Fair porosity. Fair free oil stain.

D.S.T. #2 4742-50 Open two hours. Recovered 80' very slightly oil and gas cut mud. ICIP 1430#, IFP 0#, FFP 0#, FBHP 1190#, 30 minutes.

4747-55 Green-gray finely crystalline shaley dolomite. Poor porosity. Very spotty free oil stain.

D.S.T. #3 4750-55 Open one-half hour. Recovered 10' Mud. ICIP 1300#, IFP 0#, FFP 0#, FBHP 0#, 20 minutes.

4755-64 Green and gray shale.

Mississippi (Warsaw) 4764 (-2482)

4764-67 Buff finely crystalline dolomite. Poor visible porosity. Light free oil stain. Fair to poor saturation.

D.S.T. #4 4755-67 Open one-half hour. Recovered 30' Mud. ICIP 1370#, IFP 0#, FFP 0#, FBHP 1360#, 30 minutes.

4772-80 Buff finely crystalline dolomite. Gray fresh blocky spicular chert. Spotty free oil stain. Fair porosity.

D.S.T. #5 4767-80 Open two hours. Recovered 1680' Salt Water. ICIP 1500#, IFP 70#, FFP 720#, FBHP 1430#, 30 minutes.

4780-4802 Cherty dolomite as above, very spotty stain. Judged no value.

Osage 4802 (-2520)

4802-21 Light gray sharp fresh chert and white finely crystalline chalky dolomitic limestone. Poor visible porosity. No oil show.

Rotary Total Depth 4821 (-2539)

Plugged and abandoned on December 7, 1961.

IMPERIAL OIL COMPANY

*Gordon W. Keen*  
Gordon W. Keen  
Geologist on Well

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STATE CORPORATION COMMISSION

DEC 20 1961

CONSERVATION DIVISION  
Wichita, Kansas

DRILLING TIME LOG

ISRAEL NO. 1  
C NE SE Sec. 35-25S-21W  
Ford County, Kansas

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Depth	Minutes	Remarks
3600	4-3-4-3-3/2-2-2-3-2	
10	2-3-3-4-3/3-2-3-4-4	
20	3-2-3-3-3/3-4-4-3-3	
30	3-3-2-3-3/2-2-2-2-2	
40	2-2-1-2-2/2-1-1-1-1	
50	2-2-2-2-2/2-2-3-4-4	
60	4-3-4-3-3/3-2-3-3-3	
70	2-3-3-4-4/5-4-4-4-4	
80	4-3-3-3-5/4-4-4-3-4	
90	3-3-2-5-5/5-4-5-4-4	
3700	2-3-2-1-2/2-1-2-1-1	
10	2-2-2-1-2/3-3-3-4-3	
20	3-3-3-3-3/4-3-4-2-2	
30	2-3-5-3-3/2-1-1-1-1	
40	1-1-1-2-3/2-3-3-4-3	
50	1-1-2-3-2/2-2-2-1-2	
60	1-2-3-3-2/2-2-2- 1-2	
70	1-1-1-1-1/1-1-1-2-3	
80	4-4-5-3-3/3-3-6-3-3	
90	4-4-4-3-4/4-5-5-6-7	
3800	7-6-5-6-5/7-6-4-4-3	
10	2-2-2-2-2/3-3-3-4-3	
20	3-3-3-2-4/3-3-3-2-2	
30	2-3-3-3-3/2-2-2-2-2	
40	2-2-2-1-1/3-3-3-2-2	
50	2-2-3-4-4/5- 7-6-5-3	
60	4-5-6-5-5/8-8-9-7-3	
70	3-2-2-2-3/3-2-2-3-3	
80	12-4-4-2-3/2-2-3-2-7	
90	5-5-2-3-2/2-3-3-3-3	

Trip at 3881

Depth	Minutes	Remarks
3900	2-3-2-2-2/2-3-2-2-3	
10	3-3-3-4-4/4-3-2-2-4	
20	4-3-3-2-2/3-2-2-2-3	
30	3-4-5-6-3/2-2-3-3-4	
40	3-4-5-2-4/3-2-1-2-2	
50	2-2-3-4-3/3-4-4- 5-5	
60	2-2-2-2-3/3-4-5-5-5	
70	5-5-5-4-4/4-2-3-4-4	
80	4-3-3-3-3/2-2-2-3-5	
90	7-7-6-8-6/5-4-2-2-2	
4000	2-4-5-6-6/5-4-5- 5-4	
10	3-5-3-3-4/5-5-5-6-5	
20	4-4-5-5-4/4-3-3-3-3	
30	4-3-5-8-6/4-4-3-3-3	
40	3-3-3-3-2/3-5-10-7-8	
50	5-5-4-3-4/4-4-4-4-5	
60	4-5-5-10-7/6-4-3-4-4	
70	3-3-4-3-4/4-3-3-4-4	
80	4-4-3-4-4/4-4-4-3-3	
90	4-3-5-3-3/3-4-4-3-3	
4100	4-4-4-7-8/8-6-8-6-6	
10	4-4-4-5-4/6-8-5-4-3	
20	3-5-7-7-7/6-6-6-5-3	
30	3-3-6-5-5/5-5-6-6-6	
40	6-4-2-2-2/3-4-5-7-7	
50	6-4-3-3-4/4-4-4-3-2	
60	5-5-2-3-3/3-3-6-4-8	
70	7-6-8-8-5/6-6-6-9-8	
80	9-12-11-4-6/5-4-4-4-4	
90	2-2-4-5-5/6-7-2-3-3	Trip at 4183.
4200	3-5-6-8-6/7-6-6-8-6	
10	5-4-4-5-6/5-1-1- $\frac{1}{2}$ - $\frac{1}{2}$	
20	1- $\frac{1}{2}$ - $\frac{1}{2}$ - $\frac{1}{2}$ - $\frac{1}{2}$ /2-4-5-4-6	
30	5-6-5-4-4/3-3-5-8-5	
40	4-3-6-5-6/4-2-4-3-4	
50	3-3-4-3-4/4-4-4-4-3	
60	4-4-5-4-5/5-4-9-8-9	
70	4-9-7-7-7/6-10- 12-8-6	
80	8-5-3-3-1/1-1- $\frac{1}{2}$ - $\frac{1}{2}$ -1	
90	4-7-10-9-8/9-8-8-10-9	

Depth, Minutes	Remarks
4300	8-10-6-9-10/11-6-5-5-4
10	4-5-8-11-12/8-7-8-10-9
20	8-10-11-10-11/12-11-12-12-12
30	13-13-5-5-7/2-1- $\frac{1}{2}$ - $\frac{1}{2}$ -1
40	1-1- $\frac{1}{2}$ - $\frac{1}{2}$ -1/1-4-9-8-8
50	7-7-8-10-5/5-3-3-2-4
60	1-1-1-5-4/8-10-11-9-12
70	8-6-5-4-4/5-5-10-13-12
80	6-5-5-4-5/5-7-6-4-4
90	5-5-4-6-9/11-11-8-6-6
4400	6-4-6-9-9/12-6-7-7-7
10	8-7-6-7-7/5-5-6-4-4
20	5-4-6-4-4/4-7-6-6-3
30	4-2-8-6-7/6-7-8-5-3
40	2-2-2-2-3/4-3-2-5-3
50	6-7-9-8-9/9-8-9-10-10
60	10-10-10-9-15/15-15-18-18-18
70	17-13-12-18-21/3-2-4-5-6
80	8-9-9-8-9/8-8-8-10-10
90	12-13- 12-14-9/13-9-11-12-12
4500	10-9-12-15-6/7-6-7-9-9
10	9-4-8-6-6/5-5-4-4-4
20	5-6-6-8-9/10-9-9-10-10
30	10-9-9-9-8/9-10-9-7-8
40	8-9-9-7-5/10-11-10-7-6
50	10-15-10-8-5/5-4-6-5-5
60	6-11-14-15-13/13-13-15-14-12
70	14-12-17-11-12/6-7-7-8-7
80	7-8-7-8-7/8-8-6-10-4
90	3-4-5-9-6/7-5-6-7-9
4600	8-10-8-5-9/6-7-9-8-10
10	11-8-12-12-10/8-5-3-7-7
20	9-6-6-5-7/5-6-7-5-7
30	11-13-14-7-13/11-11-12-9-9
40	12-11-11-8-7/6-6-4-5-6
50	6-5-4-5-6/6-10-14-13-14
60	11-11-10-11-8/5-6-7-9-6
70	7-3-5-4-4/9-9-9-10-9
80	11-7-6-3-3/6-14-13-8-15
90	8-13-8-9-8/8-10-7-9-9

Trip at 4406

Trip at 4475

Trip at 4575



Depth	Minutes	Remarks
4700	12-11-11-12-8/10-8-7-9-10	
10	10-9-7-6-7/10-11-10-7-9	
20	10-10-8-9-9/6-7-5-7-8	
30	7-6-7-7-7/6-6-6-7-6	
40	5-8-5-5-4/7-7-9-9-9	
50	6-9-11-10-10/7-7-6-6-5	
60	5-4-4-4-9/10-5-3-3-3	
70	3-6-8-14-14/6-4-8-13-10	
80	6-7-7-6-10/10-10-10-13-13	
90	12-11-12-7-6/12-11-4-3-5	
4800	4-4-8-9-9/4-9-13-18-11	
10	17-21-12-11-24/18-19-21-20-23	
20	28	