

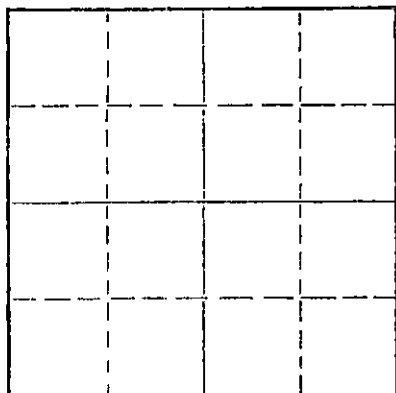
STATE OF KANSAS
STATE CORPORATION COMMISSION

Form CP-4

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

WELL PLUGGING RECORD

NORTH



Locate well correctly on above
Section Plat

Rice County. Sec. 14 Twp. 21S Rge. 9W (E) (W)
SW SE NW

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

Lease Owner Imperial Oil Co.

Lease Name Lipper

Well No. 1

Office Address 780 Fourth National Bldg., Wichita, Ks.

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

Date well completed May 20 19 70

Application for plugging filed May 20 19 70

Application for plugging approved May 20 19 70

Plugging commenced May 20 19 70

Plugging completed May 20 19 70

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 Gilbert Toman, Holyrood, Ks.

Producing formation Depth to top Bottom Total Depth of Well 3510 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			212'	8 5/8"	200 sacks-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 3510 feet to feet for each plug set.

Set first plug at 200 feet with 25 sacks of cement.

Set second plug at 40 feet with 10 sacksof cement.

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STATE CORPORATION COMMISSION
JUN 1 1970
CONSERVATION DIVISION
Wichita, Kansas

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

Name of Plugging Contractor Imperial Oil Co.

Address 780 Fourth National Bldg., Wichita, Kansas 67202

STATE OF KANSAS, COUNTY OF SEDGWICK, ss.

Charley V. Shank

(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. IMPERIAL OIL COMPANY

(Signature)

Charley V. Shank

780 Fourth National Bldg., Wichita, Ks.

SUBSCRIBED AND SWORN TO before me this 25th day of May, 19 70

My commission expires December 10, 1973

Joan Davis
Notary Public.

DRILLER'S LOG

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

Lipper No. 1
SW SE NW Sec. 14-21S-9W
Rice County, Kansas

Total Depth: 3510 feet

Elevation: 1668 K.B.

Commenced: 5-11-70

Completed: 5-20-70
Dry Hole

Contractor: Imperial Oil Co., Rig #2

Casing Record: Set 8 5/8" surface casing at 212 feet with 200 sacks of cement.

Figures indicate bottom of formations:

212' Sand-RedBed
1300' Shale
1500' Shale-lime2962
2962' Lime-shale
2972' Lime
3040' Lime-shale
3078' Lime
3157' Lime-shale
3295' Lime
3345' Lime-sand
3387' Lime
3390' Core #1
3402' Simpson Sand
3427' Core #2
3447' Simpson Sand
3491' Lime-shale
3510' Lime
3510' Rotary Total Depth

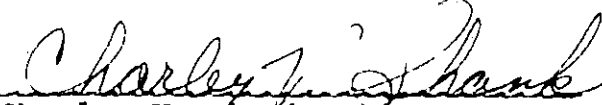
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JUN 1 1970
CONSERVATION DIVISION
Wichita, Kansas

Sample Tops:

Topeka	2474 (- 806)
Heebner	2769 (-1101)
Toronto	2786 (-1118)
Douglas Shale	2804 (-1136)
Brown Lime	2902 (-1234)
Lansing	2935 (-1267)
Base Kansas City	3232 (-1564)
Misener Sand	3309 (-1641)
Maquoketa Dolomite	3349 (-1681)
Viola	3387 (-1719)
Simpson Shale	3430 (-1762)
Simpson Sand	3435 (-1767)
Arbuckle	3494 (-1826)
Rotary Total Depth	3510 (-1842)

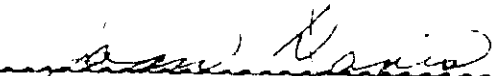
We hereby certify this to be a correct and accurate log of the above described well, as shown on the daily drilling reports.

IMPERIAL OIL COMPANY


Charley V. Shank

Subscribed and sworn to before me this 27th day of May, 1970

My Commission Expires:
Dec. 10, 1973


Joan Davis Notary Public

RECEIVED
STATE CORPORATION COMMISSION
JUN 1 1970
CONSERVATION DIVISION
Wichita, Kansas

GEOLOGICAL REPORT

#1 LIPPER
SW SE NW Sec. 14-21S-9W
Rice County, Kansas

GEOLOGICAL REPORT

Company: Imperial Oil Company

Farm: #1 Lipper

Contractor: Imperial Oil Company, Rig #2

Pool: Wildcat

Rice County, Kansas

SW SE NW Sec. 14-21S-9W

Elevation: 1668 K.B.

Rotary Total Depth: 3510'

Rotary Completed: May 19, 1970

Geological Data:

Samples were examined from 2100 feet to Rotary Total Depth. One foot drilling time was kept from 2300 feet to Rotary Total Depth. (Electric log information: No electric log was run.) Baroid Gas Detector placed on well and operated from 2000 feet to Rotary Total Depth.

Formation Tops

Topeka	2474 (- 806)
Heebner	2769 (-1101)
Toronto	2786 (-1118)
Douglas Shale	2804 (-1136)
Brown Lime	2902 (-1234)
Lansing	2935 (-1267)
Base Kansas City	3232 (-1564)
Misener Sand	3309 (-1641)
Maquoketa Dolomite	3349 (-1681)
Viola	3387 (-1719)
Simpson Shale	3430 (-1762)
Simpson Sand	3435 (-1767)
Arbuckle	3494 (-1826)
Rotary Total Depth	3510 (-1842)

Lansing

2955-57

(Top Lansing) Limestone, tan to light gray, fine to mealy to dense. Poor porosity with no show or odor. Due to the fact the wells in the vicinity to the north of this test produce from this zone a drill stem test was taken over this interval.

DST #1

2949-62'. Open 60 minutes. Weak blow for 25". Recovered 30 feet mud with no show. ICIP 46#/30", IFP 58#, FFP 46#, FCIP 46#/30".

3027-38

(90' Zone) Limestone, buff to tan, finely crystalline, oolitic and slightly oolitic. No show of oil with faint odor. Fair to good porosity.

DST #2

3023-40' Open 60 minutes. Weak blow for 30". Recovered 60 feet mud with no show. ICIP 1169#/30 , IFP 46#, FFP 58#, fcip 1157#/30".

Misener Sand

3309-15

Sand, white, fine, rounded, mostly tite with scattered clusters which were friable. No show or odor.

Viola

This section was diamond cored as follows:

Core #1

3387-3402 (Full recovery)

3387-89

Dolomite, gray to buff, fine to medium crystalline, dense and very hard. Very poor porosity. No show or odor.

3389-91

Same with scattered shale nodules (1" in diameter) dark gray. Trace of light, very scattered, spotty stain with trace of dead oil stain. No free oil with faint odor.

3391-92

Dolomite, gray, fine to medium to dense. Vertical fractured with a trace of bleeding oil along fracture. Good odor. Very poor porosity.

3392-93

Same as above and slightly fossiliferous.

3393-94

Same with poor to fair scattered vugular porosity.

3394-95

Dolomite, gray, fine to dense, abundant calcite crystals. Bleeding oil in vertical fracture. Good odor with poor porosity.

3395-96

Same with fair odor and very poor porosity.

3396-97

Same with light, scattered, spotty stain and no bleeding oil. Stain along fracture. Good odor. Very scattered, fair to poor vugular porosity.

3397-98

Same with very scattered, poor, vugular porosity.

3398-99

Dolomite, gray, fine to medium. Light scattered spotty stain with bleeding oil in vertical fracture and in vugs. Fair to good pinpoint and scattered vugular porosity. Good odor.

3399-3400

Same with scattered shale nodules (1/8" in diameter) and scattered fossilcast porosity.

3400-01

Dolomite, gray, fine to medium to dense. Trace of light, scattered spotty stain in vertical fracture with no bleeding oil. Very scattered poor to fair, pinpoint and vugular porosity. Fair odor.

- 3401-02 Dolomite as above with no show or odor. Shale, green, Slightly sandy at base. Very poor porosity.
- DST #3 3386-3402'. Open 90 minutes. Weak blow throughout. Recovered 60' gas in pipe plus 80' gas cut mud. ICIP 246#/30", IFP 58#, FFP 58#, FCIP 93#/30".
- Core #2 3402-27 (Full recovery)
- 3402-07 Dolomite, gray to bluish, finely crystalline, dense, with gray shale laminations (thickness 1/16 to 1/8"). No visible porosity or fractures. No oil shows.
- 3407-12 Dolomite as above, lacking shale laminations. Abundant calcite crystals. No porosity or oil shows.
- 3412-13 Core broken open revealing large cavity (Geode?) approximately 2½" diameter. Drusy calcite crystal interior. One crystal approximately 1½" in length. No oil shows.
- 3413-19 Dolomite, light gray to gray-black. Very dense with no visible porosity or oil shows.
- 3419-27 Shaley dolomite - gray-green. Shale increase with depth.
- Simpson Sand
3435-45 Sandstone, fine to medium grained. Clean, good solid clusters. Good visible porosity. Light stain and good saturation. Fair to good show of hight gravity free oil. Good odor.
- DST #4 3423-47'. Open 60 minutes. Strong blow throughout test. Recovered 1045' of salt water. ICIP 657#, IFP 93#, FFP 528#, FCIP 657#/30".

Arbuckle Dolomite

- 3494-3500 Buff, finely crystalline dolomite. Poor visible porosity. Slight show of free oil. Scattered oil stain. Very slight odor.
- 3500-3510 Buff, tan to medium to coarse crystalline dolomite. Fair to good visible inter-crystalline porosity. No Oil show or odor.
- DST #5 3498-3510' Open 60 minutes. Strong blow throughout test. Recovered 2280 feet of salt water. ICIP 1249#, IFP 281#, FFP 1215#, FCIP 1249#/30".

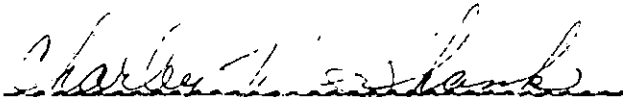
GEOLOGICAL REPORT: #1 Lipper

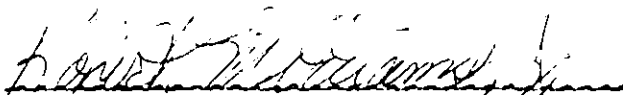
15-159-20307-0000

Due to low structural position and all shows of oil
drill-stem tested this well was plugged and abandoned
on May 20, 1970.

IMPERIAL OIL COMPANY

Well-Site Geologists:


Charley V. Shank


Robert L. Williams, Jr.

CVS&RLW:jd

DRILLING TIME LOG
#1 LIPPER
SW SE NW Sec. 14-21S-9W
Rice County, Kansas

Depth	Minutes	Remarks
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5' Intervals

2000-2050	3-5-4-4-7/10-10-8-5-7	
2100	4-3-10-5-6/5-4-5-4-5	
2100-2150	4-5-6-6-5/6-3-3-10-8	
2200	11-10-8-5-6/6-4-4-4-5	
2200-2250	5-4-8-11-12/11-8-12-8-7	
2300	8-9-10-13-12/8-9-12-14-9	

1' Intervals

2300-2310	2-1-2-3-3/2-2-2-1-2	
20	1-1-2-1-1/2-3-4-2-1	
30	1-1-1-1-1/1-1-1-1-1	
40	1-1-1-1-1/1-1-1-1-1	
50	$\frac{1}{2}$ - $\frac{1}{2}$ - $\frac{1}{2}$ - $\frac{1}{2}$ - $\frac{1}{2}$ /1-1-1-1-1	
60	1-1-1-1-1/1-1-1-1-1	
70	1-1-1-1-1/1-1-1-1-1	
80	2-4-4-4-4/4-3-3-2-2	
90	1-1-2-2-3/3-3-2-2-2	
2400	2-1-2-2-2/2-1-1-2-2	

2400-2410	1-2-2-2-3/2-2-2-3-2	
20	2-4-2-1-1/2-2-2-2-1	
30	3-2-2-3-2/2-1-2-1-2	
40	2-2-2-2-3/1-1-1-1-1	
50	1-1-1-1-1/1-1-1-1-1	
60	1-1-1-1-1/1-1-1-1-1	
70	1-1-1-1-1/1-1-1-1-1	
80	1-1-1-1-4/3-3-4-2-4	
90	2-3-4-3-3/4-1-2-3-3	
2500	4-4-4-3-3/4-4-3-4-3	

2500-2510	3-2-3-2-2/2-2-2-1-1	
20	3-2-2-2-2/1-1-2-2-2	
30	3-4-4-3-3/3-3-3-3-3	
40	3-3-1-1-2/2-2-1-1-2	
50	1-1-1-2-2/2-1-1-1-1	
60	2-2-2-1-2/3-2-2-3-3	
70	4-3-3-3-2/3-3-2-1-2	
80	2-3-2-3-3/1-2-2-3-2	
90	2-2-1-3-2/2-2-3-2-1	
2600	3-2-2-2-3/2-3-3-2-2	

Trip at 2532'

DRILLING TIME LOG: #1 Lipper

15.159-20307-0000

Depth	Minutes	Remarks
1' Intervals		
2600-2610	2-1-1-1-1/1-1-1-2-3	
20	1-1-1-1-1/1-1-1-1-1	
30	1-1- $\frac{1}{2}$ - $\frac{1}{2}$ - $\frac{1}{2}$ / $\frac{1}{2}$ -1-1-1-1	
40	1-1-1-1-1/1-1-1-2-2	
50	1-1-1-2-2/3-1-1-1-1	Slightly rough @ 2650'
60	1-2-2-3-2/1-1-1-1-1	
70	1-1-2-1-2/2-1-1-2-2	
80	3-2-1-1-2/1-2-2-1-1	
90	2- $\frac{1}{2}$ - $\frac{1}{2}$ -1-1/1-2-1-1-2	
2700	1-1-1-1-2/2-2-3-3-2	
2700-2710	3-3-3-2-2/4-4-4-3-2	
20	2-4-4-3-2/3-3-4-4-3	
30	4-2-2-3-4/2-3-3-3-4	
40	3-2-4-3-4/3-3-4-4-3	
50	3-3-2-4-4/4-3-4-2-3	
60	4-4-4-6-6/5-4-5-5-5	
70	4-6-7-5-6/6-6-5-5-4	
80	2-2-2-2-2/9-7-6-5-3	
90	3-3-2-3-2/2-4-5-3-4	
2800	4-3-2-3-4/5-3-4-4-4	
2800-2810	5-4-6-2-2/2-2-1-2-2	
20	3-3-2-2-3/2-1-1-1-1	
30	1-1-1-2-4/2-1-2-1-2	
40	2-2-2-2-2/2-2-2-3-2	
50	2-2-2-2-2/3-1-2-1-2	
60	1-1-2-1-2/3-2-2-2-1	
70	2-2-2-2-2/2-1-2-1-2	
80	2-1-2-2-2/2-2-1-1-1	
90	1-2-1-2-2/3-1-2-1-2	
2900	1-1-1-1-2/1-2-2-2-2	
2900-2910	1-1-3-4-6/3-3-4-4-3	
20	4-2-3-3-2/3-2-4-3-4	
30	4-3-3-3-4/3-3-3-3-4	
40	3-3-2-3-2/4-4-3-3-6	
50	6-4-6-5-4/4-4-6-7-5	
60	6-6-6-7-6/4-5-9-9-7	
70	8-7-4-5-6/5-5-4-4-4	DST #1: 2949-62'; Circ.
80	4-5-6-4-5/3-3-3-2-3	
90	2-2-2-5-4/5-4-5-3-5	
3000	5-5-5-4-4/4-4-4-4-3	Rough @ 2997'

DRILLING TIME LOG: #1 Lipper

15-159-20307-0000

Depth	Minutes	Remarks
1' Intervals		
3000-3010	4-3-2-3-5/4-5-5-5-3	
20	5-6-6-3-4/5-5-7-6-6	
30	6-6-8-7-5/6-5-2-2-3	
40	3-3-2-3-3/3-3-4-4-3	DST #2: 3023-40'; Circ.
50	2-3-5-6-6/5-6-5-5-4	
60	5-3-4-4-4/4-3-3-5-5	
70	4-4-5-5-5/5-4-5-7-5	
80	6-5-7-6-5/8-7-7-6-8	
90	8-7-7-4-5/5-4-4-4-4	
3100	5-5-5-7-8/9-6-6-4-6	
3100-3110	7-6-5-4-7/7-6-6-7-8	
20	6-7-5-7-6/7-4-4-4-4	
30	4-6-6-5-7/7-6-3-3-5	
40	6-7-5-7-6/7-7-7-5-5	
50	5-6-7-6-6/8-6-7-7-6	
60	4-6-6-7-6/7-7-5-5-4	
70	4-4-1-2-4/5-6-5-8-7	
80	7-8-8-8-8/6-7-5-5-7	Trip at 3175'
90	7-6-6-6-5/5-4-3-3-5	
3200	3-2-3-2-2/3-4-3-3-4	
3200-3210	5-4-3-4-4/4-4-4-5-4	
20	4-4-4-4-5/4-4-4-3-4	
30	5-4-4-6-5/5-5-4-4-4	
40	4-5-4-4-3/3-2-2-3-2	
50	2-2-3-5-5/4-4-4-4-4	
60	5-4-4-3-5/4-5-5-5-5	
70	6-5-5-5-4/5-5-5-6-6	
80	7-8-6-7-8/8-7-7-7-8	
90	6-8-7-7-7/5-7-6-6-6	Circ. at 3285'
3300	6-6-6-5-6/5-5-5-5-6	Circ. at 3295'
3300-3010	5-4-5-5-6/3-5-5-6-5	Circ. at 3305'
20	4-4-4-4-4/6-4-5-5-6	Circ. at 3315'
30	5-6-5-6-6/6-6-6-4-5	
40	4-4-4-5-5/4-5-5-4-5	
50	6-5-5-5-5/6-6-7-9-10	
60	10-9-8-10-10/10-9-10-9-11	
70	11-11-10-11-11/11-11-9-10-10	
80	10-10-10-10-10/10-9-11-10-10	Circ. at 3380'
90	6-10-10-11-10/10-15-9-21-23	
3400	18-18-19-15-18/16-18-18-16-12	

DRILLING TIME LOG: #1 Lipper

15-159-20307-0000

Depth	Minutes	Remarks
1' Intervals		
3400-3410	14-17-16-20-24/23-25-36-19-19	Core #1 3387-3402'
20	19-21-19-24-25/24-22-22-20-21	DST #3: 3386-3402'
30	23-23-21-23-23/25-23-5-5-5	Core #2: 3402-27'
40	5-5-4-4-3/9-5-4-4-4	
50	3-5-5-6-7/4-7-4-6-8	DST #4: 3423-47'; Circ.
60	9-7-8-6-3/4-3-4-8-7	
70	5-5-4-4-5/5-4-5-6-8	
80	7-6-6-6-5/6-8-7-7-7	
90	6-7-7-6-7/7-6-8-6-5	
3500	7-5-7-6-6/6-3-6-7-6	
3500-3510	4-5-6-6-5/4-3-5-4-4	Slightly rough at 3501', 3503', 3507'; DST #5: 3498-3510'; Circ.

Rotary Total Depth 3510'

D & A

May 20, 1970