

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

Edwards County. Sec. 33 Twp. 25S Rge. (E) 20 (W)

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

Lease Owner Imperial Oil Company

Lease Name GRONER Well No. 1

Office Address 780 Fourth Nat'l Bldg., Wichita, Kansas

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

Date well completed July 22, 1961 19

Application for plugging filed July 22, 1961 19

Application for plugging approved July 22, 1961 19

Plugging commenced July 22, 1961 19

Plugging completed July 22, 1961 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 4770 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 Pipe				8-5/8"	245'	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 240' with 20 sacks cement;

set top plug at 40' with 10 sacks cement.

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(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.

William A. Sladek (employee of owner) ~~XXXXXX~~ 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 3rd day of August, 1961

Bette J. Behymer
Notary Public.

My commission expires July 27, 1964



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DRILLER'S LOG

CONSERVATION DIVISION
Wichita, Kansas

Imperial Oil Company
780 Fourth National Building
Wichita 2, Kansas

Groner No. 1
C SE SW Sec. 33-25S-20W
Edwards County, Kansas

Total Depth: 4770'

Commenced: 7-9-61 Completed: 7-22-61

Elevation: 2235' K.B.
Production: Dry

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

Casing Record: Set 8-5/8" surface pipe at 243' with 200 sacks cement.

Figures indicate bottom of formations:

TOPS (Elec. Log)

Surface clay & sand	243'	Heebner	3972 (-1737)
Sand, shells & shale	975'	Brown Lime	4084 (-1849)
Shale & shells	2305'	Lansing	4094 (-1859)
Shale & lime	2415'	Cherokee Shale	4627 (-2392)
Lime & shale	3810'	Mississippian	4725 (-2490)
Lime (Chalky)	3865'	Total Depth	4772 (-2537)
Lime & shale	4270'		
Lime	4308'		
Lime & shale	4450'		
Lime	4489'		
Lime & shale	4520'		
Lime	4770'		
Rotary Total Depth	4770'		

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 3rd day of August, 1961.

My commission expires:

July 27, 1964

Bette J. Behymer
Bette J. Behymer, Notary Public

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CONSERVATION DIVISION
Wichita, Kansas

GEOLOGICAL REPORT

GRONER NO. 1

C SE SW Sec. 33-25S-20W
Edwards County, Kansas

GEOLOGICAL REPORT

Company: Imperial Oil Company
Farm: Groner No. 1
Contractor: Imperial Oil of Kansas, Inc., Rig #2
Pool: Wildcat

Edwards County, Kansas
C SE SW Sec. 33-25S-20W
Elevation: 2235' K.B.
Rotary Total Depth: 4770'

Rotary Completed: 7-21-61

Geological Data:

Samples were examined from 3800' to Rotary Total Depth. One foot drilling time was kept from 3600' to Rotary Total Depth. A Welex radiation guard log was run upon completion of the test.

Formation Tops

	<u>Sample</u>	<u>Electric Log</u>
Heebner	3972 (-1737)	3972 (-1737)
Brown Lime	4083 (-1848)	4084 (-1849)
Lansing	4093 (-1858)	4094 (-1859)
Cherokee Shale	4628 (-2393)	4627 (-2392)
Mississippian (Osage)	4723 (-2488)	4725 (-2490)
Total Depth	4770 (-2535)	4772 (-2537)

Porosity and Shows of Oil

Lansing 4093 (-1858)

There were no shows of oil or gas in the Lansing section.

Cherokee 4628 (-2393)

Finely crystalline to dense limestone. No shows oil or gas. Very poor porosity.

Mississippian (Osage) 4725 (-2490)

4724-70 Off white fine to medium crystalline, profusely cherty dolomite. Fair oil stain. Some good saturation in dry samples. Very slight show of free oil. Fair visible porosity. Section becomes more cherty with depth.

D.S.T. #1 4689-4732 Open 32 minutes. Recovered 20' very slightly oil cut mud. IBHP 770#, FBHP 0#.

D.S.T. #2 4732-4740 Open 1 hour. Recovered 80' thin mud, IBHP 1460#, FBHP 1400#.

The No. 1 Groner was plugged and abandoned at RTD 4770' on July 21, 1961.

IMPERIAL OIL COMPANY

Don D. Strong
Don D. Strong
Geologist on Well

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DRILLING TIME LOG

GRONER NO. 1
C SE SW Sec. 33-25S-20W
Edwards County, Kansas

Depth Minutes

3600 4-5-4-3-4/4-3-3-3-4
10 3-3-3-2-2/2-2-2-3-2
20 2-2-2-2-3/3-3-3-2-2
30 2-2-2-2-2/3-3-4-4-4
40 4-3-4-3-1/1-1-2-2-2
50 2-3-4-4-5/5-2-2-4-4
60 4-4-4-4-4/4-4-4-4-3
70 3-4-4-4-5/5-9-8-6-10
80 13-8-2-2-2/2-2-2-2-2
90 1-1-1-1-2/1-2-2-2-3

3700 5-5-5-3-3/2-4-3-3-3
10 2-2-1-1-1/1-1-2-2-1
20 2-2-2-2-5/5-5-2-2-2
30 2-1-1-1-2/2-2-2-2-3
40 3-4-4-4-2/2-2-2-1-1
50 1-2-2-1-2/2-2-3-5-10
60 7-4-4-4-10/-5-7-3-3-3
70 3-5-4-7-9/9-8-9-9-10
80 10-9-6-4-5/6-4-5-4-4
90 2-3-3-3-4/3-3-2-3-2

3800 3-3-3-2-2/3-3-3-2-3
10 3-3-5-4-4/4-5-4-5-4
20 3-7-5-4-6/5-5-6-6-7
30 7-14-10-15-7/3-3-2-3-3
40 7-5-4-4-5/4-4-3-3-2
50 3-2-2-2-2/3-5-4-4-4
60 3-2-4-3-2/1-2-5-8-9
70 4-3-3-3-2/2-3-3-2-2
80 1-1-1-1-2/3-3-3-3-3
90 4-4-4-4-3/3-2-2-3-3

3900 3-2-2-1-1/1-2-1-2-2
10 4-4-3-3-3/2-2-2-3-2
20 2-3-3-2-2/2-1-1-2-1
30 4-6-8-5-6/4-3-2-3-4
40 4-4-5-7-9/9-8-7-5-4

Trip at 3835

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Depth	Minutes	Remarks
3950	3-3-4-3-4/3-3-3-2-2	
60	3-4-3-4-4/5-7-7-10-14	
70	11-7-4-5-5/4-3-9-9-10	
80	7-9-8-6-5/4-6-7-6-6	
90	5-5-6-6-5/6-7-9-10-10	
4000	11-14-14-10-8/8-9-6-5-4	
10	5-5-4-3-5/5-6-5-4-5	
20	6-7-4-3-3/3-3-4-3-3	
30	4-4-4-3-4/3-4-4-4-3	
40	4-3-4-4-4/3-4-4-4-4	
50	4-4-5-5-5/5-5-6-7-7	
60	7-5-5-5-5/5-5-6-6-6	
70	4-4-5-4-4/5-4-5-4-4	
80	4-4-6-7-10/10-10-10-6-7	
90	6-6-5-6-6/8-8-6-6-6	
4100	6-5-6-10-9/9-9-8-8-6	
10	6-6-5-8-8/9-10-12-11-10	
20	5-6-7-6-7/9-12-12-11-15	Trip at 4130
30	6-5-5-5-5/5-6-4-4-4	
40	4-5-4-4-5/3-4-5-5-6	
50	9-9-8-8-7/6-5-6-7-9	
60	8-7-10-11-10/10-10-8-7-6	
70	7-8-10-9-8/7-6-6-5-6/	
80	7-6-6-5-5/4-4-9-10-11	
90	8-10-11-6-6/6-6-6-5-6	
4200	7-5-3-3-4/3-3-2-5-7	
10	6-6-6-6-6/4-5-6-6-8	
20	7-6-5-4-5/6-4-5-5-6	
30	6-6-6-6-5/7-5-5-6-7	
40	9-10-9-10-7/11-9-8-8-11	
50	14-11-9-8-11/10-11-1-1-2	
60	1-1-1- $\frac{1}{2}$ - $\frac{1}{2}$ /1- $\frac{1}{2}$ - $\frac{1}{2}$ -6-11	
70	11-11-10-8-11/13-13-15-12-11	
80	13-14-15-10-11/10-9-10-12-10	
90	12-13-10-8-16/14-15-11-10-9	
4300	11-13-15-14-15/15-17-15-18-21	
10	14-15-11-9-5/5-4-7-10-10	
20	11-12-11-4-4/5-4-4-4-4	
30	4-4-3-2-4/3-4-4-9-9	
40	9-9-9-14-10/8-6-5-4-3	Trip at 4345

Depth	Minutes	Remarks
4350	3-4-4-8-7/ 8-6-6-7-7	
60	8-8-4-2-3/4-3-3-3-4	
70	4-3-2-2-3/3-3-3-4-4	
80	4-6-5-5-4/5-5-4-4-4	
90	3-5-5-4-5/7-8-7-6-6	
4400	6-6-7-5-5/5-4-2-2-8	
10	6-7-8-7-6/3-3-2-4-3	
20	2-2-3-5-5/5-5-6-5-5	
30	6-5-6-6-5/6-7-7-6-6	
40	5-6-6-7-8/8-8-8-9-9	
50	9-9-7-6-5/5-5-12-12-12	
60	4-6-6-13-8/12-16-19-16-16	
70	18-14-12-17-16/19-18-19-20-15	
80	14-12-16-18-15/10-4-3-12-14	
90	18-17-14-7-20/9-5-8-7-9	
4500	8-8-15-12-11/11-10-13-10-9	
10	7-7-7-9-20/17-15-20-17-25	Trip at 4520
20	5-4-6-7-5/9-10-5-6-6	
30	7-7-6-9-8/8-6-4-6-4	
40	4-5-7-7-8/6-5-5-7-6	
50	7-6-10-7-10/10-9-12-12-14	
60	9-15-16-15-18/16-17-12-12-12	
70	11-17-14-13-8/5-5-4-4-5	
80	5-9-7-10-11/10-9-10-13-15/	
90	15-13-10-10-11/11-12-12-12-10	
4600	14-13-15-6-5/6-5-6-5-9	
10	8-8-9-12-17/12-11-9-10-10	
20	9-7-14-12-8/10-10-9-5-3	
30	3-3-3-4-5/5-5-6-13-12	
40	11-10-9-9-14/10-8-10-10-8	
50	9-6-9-11-12/20-15-10-10-7	
60	5-6-4-5-3/3-3-4-3-3	
70	6-8-5-7-9/6-5-6-6-5	
80	6-6-7-7-5/6-7-6-8-7	
90	7-7-5-6-5/3-4-6-5-6	
4700	5-5-4-3-4/4-3-4-5-4	
10	7-5-4-4-5/6-6-6-6-5	
20	8-7-8-6-4/2-3-2-2-3	
30	6-4-4-3-2/2-2-2-2-2	
40	1-1-2-2-2/3-5-3-3-3	
50	4-14-16-4-3/5-9-12-6-7	
60	12-12-7-4-10/9-5-2-3-3	

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