

WELL PLUGGING RECORD

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

Trego County, Sec. 4 Twp. 13S Rge. (E) 21(W)

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

Lease Owner Imperial Oil Company

Lease Name Lang 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 September 24 19 65

Application for plugging filed September 24 19 65

Application for plugging approved September 24 19 65

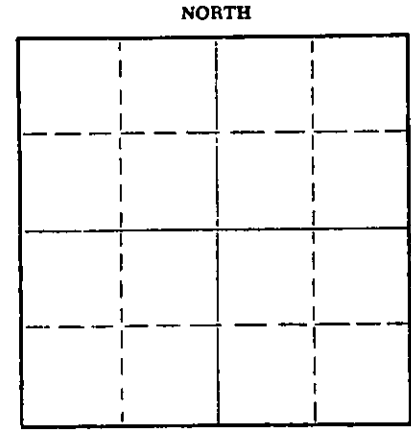
Plugging commenced September 24 19 65

Plugging completed September 24 19 65

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.



Locate well correctly on above Section Plat

Name of Conservation Agent who supervised plugging of this well W. L. Nichols, Moreland, Kansas 3964

Producing formation _____ Depth to top _____ Bottom _____ Total Depth of Well _____ 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"	at 209	ft.		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 650 ft. with 20 sacks of cement.
Set second plug at 200 ft. with 20 sacks of cement.
Set third plug at 40 ft. with 10 sacks of cement.

RECEIVED
STATE CORPORATION COMMISSION
OCT 5 1965
CONSERVATION DIVISION
Wichita, Kansas

(If additional description is necessary, use BACK of this sheet)
Name of Plugging Contractor Imperial Oil of Kansas, Inc.
Address 780 Fourth National Bank Bldg., 110 N. Market, Wichita, Kansas

STATE OF KANSAS COUNTY OF SEDGWICK ss.
Bob Williams, Jr. (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 IMPERIAL OIL OF KANSAS, INC.

(Signature) Bob Williams, Jr.
780 Fourth Nat'l Bldg., Wichita, Kansas
(Address)

SUBSCRIBED AND SWORN TO before me this 4th day of October, 1965

Bette J. Silcott
Notary Public.

My commission expires July 5, 1966

DRILLER'S LOG

Imperial Oil Company
780 Fourth National Building
Wichita, Kansas

Lang No. 1
SE SE NW Sec. 4-13S-21W
Trego County, Kansas

Total Depth: 3964 ft.

Elevation: 2216 ft. K.B.

Commenced: 9-15-65

Completed: 9-24-65
D & A

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

Casing Record: Set 8 5/8" casing at 209 ft. with 140 sacks of cement.

Figures indicate bottom of formations:

		<u>SAMPLE TOPS</u>	
70'	Sand & clay	Heebner	3499 (-1283)
209'	Sand-shale	Toronto	3523 (-1307)
1105'	Shale-Shells	Lansing	3538 (-1322)
1340'	Dakota Sand	Base of KC	3780 (-1564)
1674'	Anhydrite	Marmaton	3858 (-1642)
2025'	Shale-shells	Arbuckle	3936 (-1720)
2470'	Shale-lime		
3437'	Lime-shale		
3518'	Lime		
3575'	Lime-Chert		
3857'	Lime		
3939'	Lime-chert		
3945'	Lime		
3964'	Lime-Chert		
3964'	Rotary Total Depth		

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CONSERVATION DIVISION
Wichita, Kansas

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 Bob Williams, Jr.
Bob Williams, Jr.

Subscribed and sworn to before me this 4th day of October, 1965.

Bette J. Silcott
Bette J. Silcott

My Commission Expires
July 5, 1966

GEOLOGICAL REPORT

NO. 1 LANG
 Sec. 4 T13S, R14W
 Trego Co., Kansas

COMPANY:	Imperial Oil Co.	ELEVATION:	2216 KB
CONTRACTOR:	Co. Tools	COMMENCED:	September 16, 1965
POOL:	Wildcat	COMPLETED:	September 24, 1965

Surface Pipe: 8-5/8" at 209 ft.

Samples were examined from 3400 ft. to rotary total depth. One foot drilling time was dept from 3300 ft. to rotary total depth. No electrical surveys were conducted in this well.

FORMATION TOPS

HEEBNER	3499 (-1283)
TORONTO	3523 (-1307)
LANSING	3538 (-1322)
BASE OF KC	3780 (-1564)
MAVMATON	3858 (-1642)
AREBUCKLE	3936 (-1720)

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 Wichita, Kansas

Porosity and Shows of Oil

LANSING 3538 (-1322)

3739-50 (200 ft. zone) White finely crystalline, fossiliferous, chalky limestone. Fair fossiliferous porosity. Good scattered light oil stain with good show of free oil.

DST NO. 1

3733-56 Open 30 minutes. Recovered 15 ft. of mud. ICIP 1158#/30", IF 37#, FF 37, FBHP 1083#/30".

There were no other zones of porosity within the Lansing section bearing a show.

AREBUCKLE 3936 (-1720)

White, tan and buff, fine to medium crystalline dolomite. Poor to fair porosity. Scattered show of free oil.

DST NO. 2

3938-45 Open 30 minutes. Recovered 10 ft. of mud with specks of oil. All pressure zero.

DST NO. 3

3943-64

Open two hours. Recovered 1 ft. of free oil, 150 ft.
salt water. ICIP 985#/30", IF Off, FF Off, FBHP 634#/30".

Dry and Abandoned
September 24, 1965

Respectfully yours,



Don R. Pate
Geologist

DRILLING TIME
LANG NO. 1

One Foot Interval

3301-10	2-3-2-1-3/1-1-1-1- $\frac{1}{2}$	3801-10	4-5-5-5-6/5-5-6-7-8
20	$\frac{1}{2}$ -1-3-4-4/4-4-4-6-3	20	10-11-10-4/2-3-4-7-7
30	5-6-7-5-4/4-4-2-2-4	30	6-5-4-3-4/3-5-7-7-7
40	4-5-6-5-4/4-4-4-6-6	40	8-8-6-8-6/6-8-7-7-5
50	3-4-4-5-5/5-4-3-3-3	50	8-9-7-9-8/5-7-4-5-7
60	3-4-5-7-6/5-5-2-3-2 Trip	60	7-8-8-9-8/7-10-9-10-10
70	2-2-2-2-2/2-1-1-2-1	70	14-14-7-10-10/7-6-8-9-8
80	1-2-1-1-1/2-4-4-3-3	80	4-6-6-6-9/8-9-9-11-11
90	4-5-3-4-4/5-4-4-3-4	90	11-13-8-9-11/13-17-13-15-15 Trip
00	3-4-4-5-6/7-6-7-6-5	00	10-11-9-7-9/8-8-8-8-9
3401-10	4-5-6-6-5/4-3-5-5-6	3901-10	8-9-7-8-7/7-7-7-8-8
20	6-7-6-7-8/6-7-7-8-7	20	7-6-6-7-6/5-8-9-8-9
30	3-3-3-4-3/7-7-5-6-8	30	10-6-5-5-5/6-6-6-9-6
40	8-4-6-11-9/9-9-9-9-6	40	6-9-4-8-8/10-12-11-14-11
50	5-3-5-5-5/5-7-8-6-7	50	12-13-12-10-9/8-8-7-5-5 Stop DST #2
60	7-5-8-4-4/6-7-8-9-4	60	8-7-7-6-6/6-7-5-6-8
70	3-2-4-4-4/3-3-3-4-4	70	7-8-7-10 DST #3
80	3-4-5-4-4/5-5-6-5-6		
90	7-7-7-6-8/8-7-7-9-6		
00	8-9-9-9-9/9-8-9-7-4		
3501-10	4-2-6-9-8/11-10-5-5-5		
20	5-5-5-5-6/5-6-5-5-5		
30	4-5-3-4-3/5-7-7-7-7		
40	5-5-4-4-5/5-5-4-4-5		
50	7-7-6-8-8/7-9-8-7-8		
60	7-7-8-7-9/8-9-7-6-7 Trip		
70	7-7-4-7-4/4-3-4-2-3		
80	3-3-4-4-5/4-4-4-5-6		
90	7-8-6-10-7/6-5-5-4-4		
00	5-5-4-4-7/6-5-6-8-6		
3601-10	6-9-9-7-7/4-7-9-6-5		
20	4-8-6-9-7/7-10-9-7-2		
30	3-2-2-2-2/3-4-6-7-7		
40	5-4-2-4-6/3-7-5-5-4		
50	6-7-5-7-6/8-9-9-10-10		
60	10-11-10-11-9/8-10-10-8-9		
70	10-11-10-6-12/8-11-11-6-6		
80	6-6-6-6-6/6-8-9-11-10		
90	9-10-13-14-15/13-5-5-4-5 Trip		
00	3-4-3-5-5/2-4-5-3-4		
3701-10	4-4-6-5-6/5-5-5-5-5		
20	5-5-7-6-6/7-6-5-4-4		
30	5-6-5-4-6/6-7-7-6-6		
40	6-8-7-4-6/5-5-6-6-5		
50	5-5-6-6-4/4-4-5-6-6		
60	7-8-8-7-5/5-5-7-9-7 DST NO. 1		
70	4-6-4-6-7/7-8-4-5-4		
80	4-5-4-5-6/7-6-6-8-7		
90	5-6-6-5-4/4-4-5-4-5		
00	4-6-5-7-8/8-8-8-5-4		