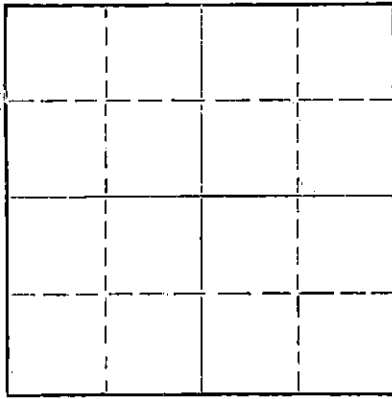


9

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

WELL PLUGGING RECORD

NORTH



Locate well correctly on above
Section Plat

Pawnee County. Sec. 34 Twp. 22S Rge. 15W (E) (W)
Location as "NE/CNW/SW" or footage from lines. SE SW NE
Lease Owner Imperial Oil Company
Lease Name Lovett Well No. One
Office Address 780 Fourth Nat'l Bldg., Wichita, Kansas
Character of Well (completed as Oil, Gas or Dry Hole) Dry hole.
Date well completed December 6, 1964 19__
Application for plugging filed 12-6-64 19__
Application for plugging approved 12-6-64 19__
Plugging commenced 12-6-64 19__
Plugging completed 12-6-64 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 Eldon Petty, Hays, Kansas
Producing formation _____ Depth to top _____ Bottom _____ Total Depth of Well 4044 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"	658'	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 350 ft. with 120 sacks cement.
Set second plug at 180' with 20 sacks cement.
Set third plug at 40' with 10 sacks cement.

*Rec'd
12-16-64*

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

Name of Plugging Contractor Imperial Oil of Kansas, Inc.
Address P.O. Box 784, Great Bend, Kansas

STATE OF KANSAS, COUNTY OF SEDGWICK, ss.
Bob Williams, Jr. (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) *Bob Williams, Jr.*
780 Fourth Nat'l Bldg., Wichita, Kansas
(Address)

SUBSCRIBED AND SWORN TO before me this 10th day of December, 19 64.

Bette J. Silcott
Bette J. Silcott Notary Public.

My commission expires July 5, 1966.

R

DRILLER'S LOG

Imperial Oil Company
780 Fourth National Building
Wichita, Kansas

Lovett No. 1
SE SW NE, Sec. 34-22S-15W
Pawnee County, Kansas

Total Depth: 4044 ft.

Elevation: 1996 KB

Commenced: 11-25-64

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

Casing Record: Set 8-5/8" surface casing at 658 ft. with 475 sacks cement.

RECEIVED
STATE CORPORATION COMMISSION

DEC 14 1964

CONSERVATION DIVISION
Wichita, Kansas

Figures indicate bottom of formations:

Sand & shale	380'
Dakota Sand	490'
Shale & Red Bed	947'
Shale & shells	2005'
Lime & Shale	3480'
Lime	3931'
Lime Chert	4012'
Lime	4044'
R.T.D.	4044'

Tops

Anhydrite	942 (#1054)
Heebner	3430 (-1434)
Toronto	3451 (-1455)
Douglas Shale	3466 (-1470)
Brown Lime	3553 (-1559)
Lansing	3561 (-1565)
Base Kansas City	3802 (-1806)
Viola	3913 (-1917)
Simpson	3968 (-1972)
Arbuckle	4025 (-2029)
Rotary Total Depth	4044 (-2048)

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 9th day of December, 1964.

Bette J. Silcott
Bette J. Silcott, Notary Public

My Commission Expires:
July 5, 1966.

15.145-00519-0000

R

GEOLOGICAL REPORT

LOVETT NO. 1

SE SW NE Sec. 34-22S-15W

Pawnee County, Kansas

RECEIVED
STATE CORPORATION COMMISSION
DEC 14 1964
CONSERVATION DIVISION
Wichita, Kansas

GEOLOGICAL REPORT

COMPANY:	Imperial Oil Co.	LOCATION:	SE-SW-NE Sec. 34-22S-15W
CONTRACTOR:	Company Tools (Rig #2)	COUNTY:	Pawnee County, Kansas
FARM:	Lovett #1	ELEVATION:	1996 K. B.
POOL:	Wildcat	R.T.D.:	4044'
SURFACE:	8 5/8 @ 658'	PRODUCTION:	Dry and abandoned
COMMENCED:	November 25, 1964	COMPLETED:	December 6, 1964

Ten foot samples were saved from 3200 feet to 3380 feet and five foot samples from 3380 feet to Rotary Total Depth. One foot drilling time was kept from 3200 feet to Rotary Total Depth. No Electric Log was run.

FORMATION TOPS

ANHYDRITE	942 (1054)
HEEBNER	3430 (-1434)
TORONTO	3451 (-1455)
DOUGLAS SHALE	3466 (-1470)
BROWN LIME	3553 (-1559)
LANSING	3561 (-1565)
BASE KANSAS CITY	3802 (-1806)
VIOLA	3913 (-1917)
SIMPSON	3968 (-1972)
ARBUCKLE	4025 (-2029)
ROTARY TOTAL DEPTH	4044 (-2048)

TORONTO 3451 (-1455)

3451-66 Brown finely crystalline fossiliferous limestone. Poor porosity. No oil show.

LANSING 3561 (-1565)

3561-70 Cream finely crystalline oolitic limestone with good interoolitic porosity. Trace of free oil. Judged no value.

3592-97 Cream finely crystalline fossiliferous limestone. Poor scattered pin-point porosity. Trace of stain. Judged no value.

3605-11 Tan to brown shaley fossiliferous limestone. Poor porosity. No oil show.

3626-39 White chalky fossiliferous limestone. Good vugular porosity. No oil show.

3647-62 Tan oolitic limestone with good oolitic porosity. No oil show.

3691-96 Tan oolitic limestone with good oolitic porosity and a fair show of free oil.

D.S.T. #1 3679-3705 Open 2 hours. Weak blow thruout. Recovered 90 feet of muddy water. IBHP-1064# in 20 minutes, IF-19#, FF-48#, FBHP-830#, in 20 minutes.

3707-21 Cream to tan chalky, oolitic limestone. Poor porosity. No oil show.

3725-38 Tan to light gray oolitic limestone with fair interoolitic to oolitic porosity. Good show of free oil.

D.S.T. #2 3721-3750 Open 2 hours. Weak blow thruout. Recovered 5 feet of oil cut mud, 60 feet of muddy water. IBHP-1133# in 20 minutes, IF-38#, FF-48#, FBHP-432# in 20 minutes.

3755-81 Tan to light gray, dense fossiliferous limestone. Poor porosity. No oil show.

3792-3802 Light brown to light gray shaley fossiliferous lime. Poor porosity. No oil show.

BASE KANSAS CITY 3802 (-1806)

CONGLOMERATE SAND 3890 (-1894)

3890-96 Fine grained, slightly shaley, subrounded quartz sand. Fair show of free oil.

VIOLA 3913 (-1917)

3913-68 Tan finely crystalline sharp opaque chert and cherty lime. No oil show.

D.S.T. #3 3880-3931 Open 1 hour. Gas to surface in 15 minutes too small to measure. Recovered 45 feet of mud. IBHP-28# in 20 minutes, IF-28, FF-28, FBHP-28# in 20 minutes.

SIMPSON 3968 (-1972)
The Simpson section consisted of green and maroon waxy shales and sandy shales, except from 3984 to 3994 which was fine grained dolomitic quartz sand with a show of free oil.

D.S.T. #4 3961-4010 Open 30 minutes. Weak blow, dead in 5 minutes. Recovered 10 feet of drilling mud. All pressures. 0# in 20 minutes.

ARBUCKLE 4025 (-2029)

4025-44 Pink to tan, fine to medium crystalline dolomite. Poor scattered show of free oil in fair to good intercrystalline porosity. Judged no value.

RECOMMENDATIONS:

It was recommended that the test be plugged and abandoned at a Rotary Total Depth of 4044 feet on December 4, 1964.

Respectfully yours,

Raymond R. Dombaugh
Raymond R. Dombaugh

DRILLING TIME

One foot Intervals		One foot Intervals	
3200-10	5-6-5-3-2/2-2-3-2-3	3700-10	11-11-9-11-12/6-3-8-8-7
20	2-3-5-6-4/3-2-3-3-5	20	7-4-4-3-5/5-4-9-10-8
30	8-7-7-6-5/4-4-5-3-2	30	10-6-7-6-11/6-7-18-16
40	2-2-1-2-2/6-9-7-4-3	40	7-3-4-3-2/1-1-3-7-8
50	2-2-2-7-3/4-3-3-3-4	50	8-7-8-9-6/7-10-9-9-10
60	2-5-8-10-11/11-11-9-10-9	60	5-5-3-3-4/6-6-7-7-5
70	9-8-4-4-3/3-2-2-2-1	70	6-6-6-8-7/7-7-6-6-8
80	3-1-1-2-2/2-1-1-2-1	80	7-7-5-6-6/7-6-6-9-10
90	1-3-4-3-2/2-1-3-4-2	90	8-3-5-5-6/5-4-4-5-5
00	3-3-2-3-3/3-3-3-9-6	00	4-3-8-7-7/5-7-5-5-4
3300-10	4-5-10-10-12/3-4-3-3-2 Trip 3305	3800-10	5-6-5-4-3/4-4-4-4-4
20	3-5-5-5-5/4-4-3-3-2	20	4-4-4-5-4/4-4-4-3-4
30	3-4-3-2-2/2-5-5-3-4	30	3-4-3-3-3/4-5-4-4-6
40	3-3-4-2-2/3-4-3-4-4	40	7-7-5-7-6/8-7-7-5-7
50	2-3-2-3-2/3-2-2-3-3	50	8-7-5-5-4/7-6-5-6-7
60	4-3-3-3-3/4-5-5-6-7	60	7-8-7-8-6/9-9-8-7-8
70	6-5-4-5-7/6-5-7-7-7	70	8-6-6-6-6/7-5-7-7-6
80	4-6-7-10-9/8-7-6-6-9	80	10-10-9-10-7/7-7-10-9-9
90	9-9-11-7-7/8-7-7-7-8	90	8-5-5-4-6/5-4-4-4-4
00	10-7-8-7-8/9-7-9-9-10	00	2-2-2-3-3/4-4-5-5-7
3400-10	8-9-9-9-9/9-9-5-5-7	3900-10	7-8-9-9-8/7-7-9-7-8
20	6-5-6-6-5/6-6-5-5-5	20	7-7-7-5-4/4-4-3-3-2
30	7-7-7-5-5/6-5-7-6-5	30	3-6-7-7-5/6-4-5-4-6
40	3-3-2-2-2/9-11-7-7	40	5-3-4-5-6/4-5-5-4-6
50	6-5-4-5-4/3-3-3-4-3	50	7-5-4-4-5/3-3-3-4
60	4-5-9-8-5/5-8-7-7-6	60	4-4-3-5-3/7-14-14-14-13
70	7-8-7-7-9/5-3-3-3-3	70	14-15-11-12-12/11-12-8-6-7
80	3-3-3-2-3/3-3-3-4-3	80	8-8-10-11-7/10-10-11-10-12
90	3-3-4-3-2/2-3-2-3-3	90	13-8-9-9-10/8-7-7-8-7
00	3-3-3-3-4/3-4-4-4-4	00	7-8-9-8-9/11-11-12-15-12
3500-10	4-4-3-4-3/3-4-3-4-4	4000-10	12-13-12-10-10/9-11-11-11-8
20	3-3-4-4-3/3-3-3-3-3	20	7-8-9-10-11/11-12-12-13-13
30	3-3-3-3-4/3-4-4-3-3	30	10-11-10-11-8/13-12-12-10-9
40	4-3-3-3-2/2-3-3-2-4	40	6-5-5-3-3/5-6-6-6-4
50	2-4-3-4-2/3-4-3-4-3	50	6-13-9-11
60	3-4-4-6-11/9-9-7-7-4		
70	4-5-5-6-5/5-5-4-4-4		
80	5-8-8-8-8/9-9-8-8-6		
90	11-10-7-5-7/8-10-9-9-7		
00	7-9-4-4-4/4-4-8-3-4		
3600-10	12-11-10-6-5/5-5-4-4-5		
20	5-6-8-6-5/4-6-9-10-5		
30	5-10-8-6-3/3-3-3-3		
40	3-3-3-2-4/2-2-2-2-5		
50	5-9-7-8-9/5-2-3-3-2		
60	3-3-4-3-3/3-1-3-3-2		
70	4-3-5-5-5/4-5-6-6-7		
80	5-8-6-10-10/11-12-11-10-12		
90	9-9-12-12-10/5-4-5-3-7		
00	6-2-1-1/2-1/2-9-11-10-12		

R.T.D. 4044