

State Geological Survey
WICHITA BRANCH
KANSAS DRILLERS LOG

IMPORTANT
Kans. Geo. Survey request
samples on this well.

15-025-20270

API No. 15 — 025 — 20,270
County Number

Operator

Imperial Oil Co.

Address

720 Fourth Financial Center Wichita, Kansas 67202

Well No.

#1-17

Lease Name

Daily

Footage Location

620 feet from (N) (S) line 670 feet from (E) (W) line

Principal Contractor

Red Tiger Drlg. Company

Geologist

Peter J. Stubbs

Spud Date

5/18/79

Total Depth

5302'

P.B.T.D.

Date Completed

6/2/79

Oil Purchaser

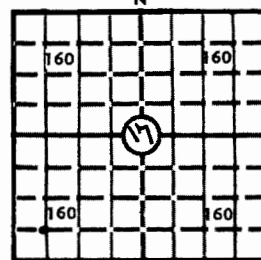
Permian

S. 17 T. 31 R. 21 E
W

Loc. C SW SW

County Clark

640 Acres
N



Locate well correctly

Elev.: Gr. 2157

DF KB 2162

CASING RECORD

Report of all strings set — surface, intermediate, production, etc.

Purpose of string	Size hole drilled	Size casing set (in O.D.)	Weight lbs/ft.	Setting depth	Type cement	Sacks	Type and percent additives
Surface	12 1/2"	8 5/8"	20#	603'	LW Common	300 125	
Production		5 1/2"	14#	5299'	LW Common	75 125	18% salt, 3/4% CFR-2

LINER RECORD

Top, ft. Bottom, ft. Sacks cement

PERFORATION RECORD

Shots per ft. Size & type Depth interval

TUBING RECORD

Size Setting depth Packer set at

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used

Depth interval treated

INITIAL PRODUCTION

Date of first production

Producing method (flowing, pumping, gas lift, etc.)

RATE OF PRODUCTION
PER 24 HOURS

Oil

bbls.

Gas

MCF

Water

Gas-oil ratio

bbls.

CFPB

Disposition of gas (vented, used on lease or sold)

Producing interval (s)

INSTRUCTIONS: As provided in KCC Rule 82-2-125, within 90 days after completion of a well, one completed copy of this Drillers Log shall be transmitted to the State Geological Survey of Kansas, 4150 Monroe Street, Wichita, Kansas 67209. Copies of this form are available from the Conservation Division, State Corporation Commission, 3830 So. Meridian (P.O. Box 17027), Wichita, Kansas 66217. Phone AC 316-522-2206. If confidential custody is desired, please note Rule 82-2-125. Drillers Logs will be on open file in the Oil and Gas Division, State Geological Survey of Kansas, Lawrence, Kansas 66044.

Operator Imperial Oil Company		DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.:																							
Well No. 1-17	Lease Name DAILY	Oil																							
S 17 T 31 R 21 ³/₄ W																									
WELL LOG		SHOW GEOLOGICAL MARKERS, LOGS RUN, OR OTHER DESCRIPTIVE INFORMATION.																							
Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.																									
FORMATION DESCRIPTION, CONTENTS, ETC.	TOP	BOTTOM	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="padding: 5px;">NAME</th> <th style="padding: 5px;">DEPTH</th> </tr> </thead> <tbody> <tr> <td colspan="2" style="padding: 5px;"><u>Sample Tops</u></td> </tr> <tr> <td style="padding: 5px;">Howard</td> <td style="padding: 5px;">3786 (-1673)</td> </tr> <tr> <td style="padding: 5px;">Heebner</td> <td style="padding: 5px;">4275 (-2112)</td> </tr> <tr> <td style="padding: 5px;">Lansing</td> <td style="padding: 5px;">4479 (-2316)</td> </tr> <tr> <td style="padding: 5px;">B/KC</td> <td style="padding: 5px;">4920 (-2757)</td> </tr> <tr> <td style="padding: 5px;">Cherokee</td> <td style="padding: 5px;">5078 (-2915)</td> </tr> <tr> <td style="padding: 5px;">Morrow Shale</td> <td style="padding: 5px;">5188 (-3025)</td> </tr> <tr> <td style="padding: 5px;">Morrow Sand</td> <td style="padding: 5px;">5215 (-3052)</td> </tr> <tr> <td style="padding: 5px;">Mississippi</td> <td style="padding: 5px;">5281 (-3118)</td> </tr> <tr> <td style="padding: 5px;">RTD</td> <td style="padding: 5px;">5302</td> </tr> </tbody> </table>	NAME	DEPTH	<u>Sample Tops</u>		Howard	3786 (-1673)	Heebner	4275 (-2112)	Lansing	4479 (-2316)	B/KC	4920 (-2757)	Cherokee	5078 (-2915)	Morrow Shale	5188 (-3025)	Morrow Sand	5215 (-3052)	Mississippi	5281 (-3118)	RTD	5302
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DST #1 5014-46' 60/90/60/90 Rec. 720' SW IFP: 51-227# ISIP: 1756# FFP: 248-383# FSIP: 1715# DST #2 5184-5223' 15/60/30/60 GTS/5", OTS/8" IFP: 1241-1456# ISIP: 1599# FFP: 1353-1528# FSIP: 1599# DST #3 5223-5235' 30/60/30/60 Rec. 180' SO&GCM, 3170' SW IFP: 1074-1622# ISIP: 1632# FFP: 1612-1622# FSIP: 1632# DST #4 5265-5300' 30/60/60/60 GTS/7", Ga. 3 MCF, inc. to 12.5 MCF Rec. 130' muddy SW IFP: 82-93# ISIP: 1715# FFP: 82-113# FSIP: 1705#																									
USE ADDITIONAL SHEETS, IF NECESSARY, TO COMPLETE WELL RECORD.																									
Date Received	 Signature Attorney-in-Fact Title June 4, 1979 Date																								

DRILLERS LOG

No. 1-17 Daily

CASING RECORD:	COMPANY:	Imperial Oil Company	DESCRIPTION:
8 5/8" @ 603' w/500 sx cement	CONTRACTOR:	Red Tiger Drilling Company	C SW/4 SW/4 Sec. 17-T31S-R21W Clark County, Kansas
5 1/2" @ 5,299' w/200 sx cement	COMMENCED:	May 18, 1979	
	COMPLETED:	June 2, 1979	
TOTAL DEPTH: 5,300'			ELEVATION: 2,163' KB

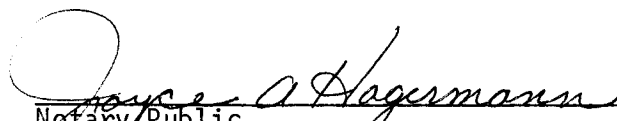
<u>FORMATION</u>	<u>FROM</u>	<u>TO</u>	<u>REMARKS</u>
Red Bed & Sand	0	165	
Sand & Red Bed	165	390	
Sand & Shale	390	1210	
Shale	1210	2360	
Shale & Lime	2360	2460	
Lime	2460	5300	
R.		5300	

I certify that this is a true and correct copy of the above log to the best of my knowledge.

RED TIGER DRILLING COMPANY


Gloria Fawcett

Subscribed and sworn to before me this 11th day of June, 1979.


Notary Public

