

KANSAS

WELL COMPLETION REPORT AND
DRILLER'S LOGAPI No. 15 — 057 — 20,174
County NumberS. 22 T. 27 R. 22 ^NW

Loc. C SE SE

County Ford

Operator

Imperial Oil Company

Address

720 Fourth Financial Center, Wichita, KS 67202

Well No.

1-22

Lease Name

MILLER

Footage Location

660 feet from (N) (S) line

660 feet from (E) (W) line

Principal Contractor

Eagle Drilling, Inc.

Geologist

Hal Clark

Spud Date

8/29/80

Date Completed

9/9/80

Total Depth

RTD 5813'

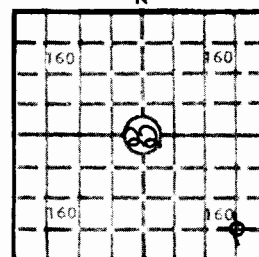
P.B.T.D.

Directional Deviation

NA

Oil and/or Gas Purchaser

NA



Locate well correctly

Elev.: Gr. 2418

DF KB 2431

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 1/4"	8 5/8"	24#	618'	LW Common	350 125	3% CC

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval

Size	Setting depth	Packer set at			

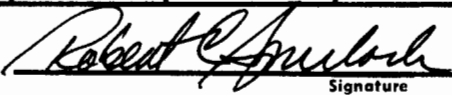
ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

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	Gas	Water	Gas-oil ratio	CFPB
	bbls.	MCF	bbls.		
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, 245 No. Water, Wichita, Kansas 67202. 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 <i>Imperial Oil Company</i>		DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.:	
Well No. <i>1-22</i>	Lease Name <i>MILLER</i>		
S <i>22</i> T <i>27</i> SR <i>22</i> W ^E _W		Ford County	
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	NAME DEPTH
<u>DST #1</u> 4992-5043' 30/30/30/30 Rec. 10' sli. OSM IFP: 41-41# ISIP: 92# FFP: 51-51# FSIP: 72# <u>DST #2</u> 5651-5700' 30/30/30/30 Rec. 75' mud. IFP: 37-65# ISIP: 1550# FFP: 65-84# FSIP: 1403#			<u>E-Log Tops</u> <i>Heebner</i> 4207 (-1776) <i>Lansing</i> 4345 (-1914) <i>B/KC</i> 4785 (-2354) <i>Marmaton</i> 4793 (-2362) <i>Cherokee</i> 4919 (-2488) <i>Mississippi</i> 5031 (-2600) <i>Kinderhook</i> 5478 (-3047) <i>Viola</i> 5673 (-3242) <i>Simpson</i> 5767 (-3336) <i>LTD</i> 5817
USE ADDITIONAL SHEETS, IF NECESSARY, TO COMPLETE WELL RECORD.			
Date Received	<div style="text-align: center;">  _____ Signature _____ Attorney-in-Fact _____ Title _____ September 12, 1980 _____ Date </div>		

22-27-22W
CSE SE

DRILLER'S LOG

Operator: Imperial Oil Company
Lease Name: Miller #1-22
Spot Location: C SE SE
Sec. 22-27S-22W
County, State: Ford County, Kansas

Commenced: 08-29-80
Completed: 09-09-80

Surface Casing: Ran 14 joints of 8 5/8" 24 lb.
Set @ 618' K.B. Cemented w/325 sacks Lightweight;
3% cc. Followed w/125 sacks Common; 3% cc. Pumped
plug to 600'. Cement did circulate.

FORMATION

DEPTH

<u>Sand, Red Bed, Gray Clay</u>	<u>0 - 637</u>
<u>Red Bed & Shale</u>	<u>637 - 1325</u>
<u>Shale</u>	<u>1325 - 1895</u>
<u>Shale & Lime</u>	<u>1895 - 2375</u>
<u>Lime</u>	<u>2375 - 2780</u>
<u>Shale & Lime</u>	<u>2780 - 3976</u>
<u>Lime & Shale</u>	<u>3976 - 4216</u>
<u>Lime</u>	<u>4216 - 4461</u>
<u>Lime & Shale</u>	<u>4461 - 4685</u>
<u>Lime</u>	<u>4685 - 5800</u>
<u>Sand</u>	<u>5800 - 5813</u>
	<u>TD - 5813</u>

I do hereby certify that the foregoing statements are true and correct to the best of my knowledge and belief.

EAGLE DRILLING, INC.

Robert L. Eisel

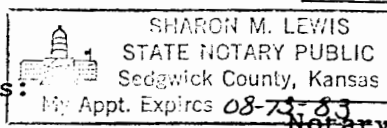
Robert L. Eisel
Vice-President

STATE OF KANSAS)
COUNTY OF SEDGWICK) ss:

Subscribed and sworn to before me this 16th day of September, 1980.

My appointment expires:

August 13, 1983



Notary Public

Sharon M. Lewis

Sharon M. Lewis