

KANSAS DRILLERS LOG

API No. 15 — 175 — 20,337 **OCT**
 County Number

S. 11 T. 32 R. 31 ^K/_W

Loc. C NE

County Seward

Operator
Imperial Cil Co.

Address
720 Fourth Financial Center Wichita, Kansas 67202

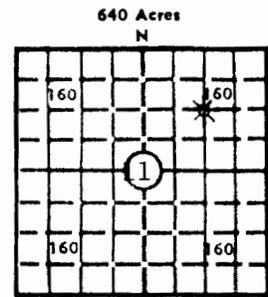
Well No. #1-11 Lease Name Dreiz

Footage Location
1320 feet from (N) ~~X96~~ line 1320 feet from (E) ~~X96~~ line

Principal Contractor Sage Drilling Co. Geologist Richard Roby

Spud Date 12/5/77 Total Depth 5670' P.B.T.D. LTD: 5674'

Date Completed 1/11/78 Oil Purchaser Gas well



Locate well correctly
 Elev.: Gr. 2781'

DF _____ KB 2792'

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"		1655'	Halcolite Common	650 150	2% CaCl 3% CaCl
Production	7 7/8"	4 1/2"		3205'	Litewt. Common	75 125	18% salt & 12 1/2# gilsonite/sx

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			4		3093-97

Size	Setting depth	Packer set at
	3090'	

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
500 gal. 15% MCA w/Clay-Stay added	3093-97
1500 gal. Mon 202 acid, flush with KCL water over-flush with 500 gal.	3093-97

INITIAL PRODUCTION

Date of first production 10/6/78 Producing method (flowing, pumping, gas lift, etc.) Flowing gas

RATE OF PRODUCTION PER 24 HOURS	Oil	Gas 4-Point:	Water	Gas-oil ratio
	bbis.	<u>1,703</u> MCF	bbis.	CFPB

Disposition of gas (vented, used on lease or sold) SOLD Producing interval (s) 3093-97 (Council Gróve)

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. 1-11	Lease Name DREITZ	GAS
S 11 T 32S R 31 XXX W		

WELL LOG

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.

SHOW GEOLOGICAL MARKERS, LOGS RUN, OR OTHER DESCRIPTIVE INFORMATION.

FORMATION DESCRIPTION, CONTENTS, ETC.	TOP	BOTTOM	NAME	DEPTH
<u>DST #1:</u> 3088-3107' 60-120-180-120 (Coun.Gr.) Rec. 200' GCM, 90' GCWM GTS in 8 min. Gauged: 384 Mcf/10 min.; incr. to 522 Mcf/60 min. 2nd open: 522 Mcf/10 min., incr. to 617 Mcf/20 min. & stab. ISIP: 721# FSIP: 684# FP: 67-133/113-134			Council Grove Heebner Cherokee Morrow Miss. RTD: LTD:	3023' - 231 4300' -1508 5217' -2425 5520' -2728 5509' -2817 5670' -2878 5674' -2882
<u>DST #2:</u> 5152-5166' 60-90-90-90 (Marmaton) Rec. 90' OCWM; 600' SW; GTS in 10 min. TSTM. ISIP: 1593# FSIP: 1534# FP: 60-121/115-185				
<u>DST #3:</u> 5370-5420 30-60-30-60 (Chero.) Rec. 5' M ISIP: 69# FSIP: 62# FP: 47-56/47-53				
<u>DST #4:</u> 5438-5515' 30-60-30-60 (Atoka) Rec. 30' M ISIP: 137# FSIP: 134# FP: 72-81/77-81				
<u>DST #5:</u> 5502-5590' 30-60-30-60 (Morrow) Rec. 60' M ISIP: 160# FSIP: 196# FP: 86-129/99-152				

USE ADDITIONAL SHEETS, IF NECESSARY, TO COMPLETE WELL RECORD.

Date Received	<i>Robert C. Spurlink</i>
	Signature
	Attorney-in-Fact
	Title
	October 15, 1979
	Date