

WICHITA BRANCH
KANSAS DRILLERS LOGIMPORTANT
Kans. Geo. Survey request
samples on this well.

15-119-20312

API No. 15 — 119 — 20,312
County Number

Operator

Imperial Oil Company

Address

720 Fourth Financial Center Wichita, Kansas 67202

Well No.

#1-28

Lease Name

Crooked-L Ranch "A"

Footage Location

970 feet from (N) (X) line

1590 feet from (X) (W) line

Principal Contractor

Sage Drlg. Company

Geologist

Lee Poulson

Spud Date

5/29/78

Total Depth

5614'

P.B.T.D.

Date Completed

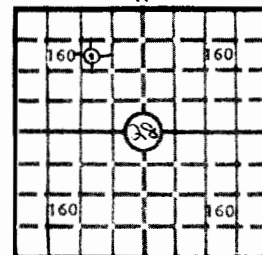
6/12/78

Oil Purchaser

S. 28 T. 32 R. 28 X W

Loc. 970' FNL & 1590' FWL NW

County Meade

640 Acres
N

Locate well correctly

Elev.: Gr. 2488'

DF KB 2493'

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		8 5/8"		1425'	Halco-Lite Class "H"	650 150	2 1/2% Flocele, 2% CC 3% CC

LINER RECORD

PERFORATION RECORD

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

TUBING RECORD

Size	Setting depth	Packer set at

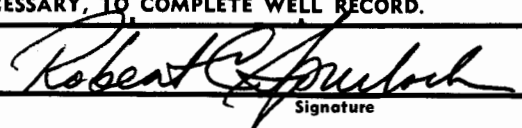
ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

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 bbls.	Gas-oil ratio 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. 1-28 "A"	Lease Name Crooked-L Ranch	Dry Hole	
S 28 T 32S R 28 W Meade 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
DST #1 5440-72' 30"-60"-30"-60"			<u>E-Log Tops</u>
Rec. 4' Mud IFP 16-16# ISIP 32#			Heebner 4298 (-1805)
FFP 16-16# FSIP 97#			Toronto 4316 (-1823)
			Lansing 4442 (-1949)
			Kansas City 4702 (-2209)
			Marmaton 5058 (-2565)
			Cherokee 5215 (-2722)
			Atoka 5438 (-2945)
			Morrow 5502 (-3009)
			Miss. 5545 (-3052)
			LTD 5614 (-3121)
DST #2 5475-5510' 30"-60"-30"-60"			
Rec. 75' Mud IFP 64-81# ISIP 258#			
FFP 81-81# FSIP 113#			
DST #3 5490-5610' 30"-60"-30"-60"			
Rec. 20' Mud IFP 32-32# ISIP 223#			
FFP 32-32# FSIP 127#			
USE ADDITIONAL SHEETS, IF NECESSARY, TO COMPLETE WELL RECORD.			
Date Received	 Signature		
	Attorney-in-Fact		
	Title		
	June 16, 1978		
	Date		

State Geological Survey
WICHITA, BRANCH

28-32-28W
970' FNL + 1650' FWL
QJH

DRILLERS LOG

CROOKED L NO. 1-28A

CASING RECORD: OPERATOR: Imperial Oil Co. DESCRIPTION:
8-5/8" set @ 1425' CONTRACTOR: Sage Drilling Co. 970' FNL & 1650' FWL
w/800 sax cement COMMENCED: May 29, 1978 Sec. 28-32S-28W
Meade County, Kansas
TOTAL DEPTH: COMPLETED: June 10, 1978 ELEVATION: 2493' KB
5610'

<u>FORMATION</u>	<u>FROM</u>	<u>TO</u>	<u>REMARKS</u>
Red Bed	0	2240	
Shale & Lime	2240	2726	
Lime & Shale	2726	5610	Ran DST#1 @ 5472', Ran DST#2 @ 5610', Logged Hole, Ran DST#3 @ 5610', D&A.

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

SAGE DRILLING CO., INC.

By John R. Bartholomew
John R. Bartholomew

Subscribed and sworn to before me this 16th day of June, 1978.

Louise K. Whitted
Louise K. Whitted - Notary Public

My commission expires:
November 26, 1978.

