

State Geological Survey
WICHITA BRANCH
KANSAS DRILLERS LOG

15-119-20305

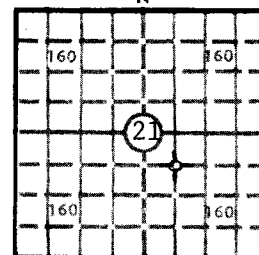
API No. 15 — 119 — 20305
County Number

S. 21 T. 32S R. 28W^E_W

Loc. C NW SE

County Meade

640 Acres
N



Locate well correctly

Elev.: Gr. 2447

DF 2449 KB 2452

Operator Imperial Oil	
Address 720 Fourth Financial Ctr. Wichita, Ks. 67202	
Well No. #2-21	Lease Name Crooked-L
Footage Location 1980 feet from (S) line 1980 feet from (E) line	
Principal Contractor Sage Drilling Company	Geologist Dick Roby
Spud Date 5/2/78	Total Depth 5575'
Date Completed 5/16/78	P.B.T.D.
Oil Purchaser	

CASING RECORD

Report of oil 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# 20#	1321'	Halco Lite Common	650 150	2% CC 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 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. 2-21	Lease Name Crooked-L	Dry	
S <u>21</u> T <u>32</u> R <u>28</u> 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: 5390-5432' 30-60-30-60			Heebner 4249 (-1797)
Rec. 25' Mud. IFP 53-53# ISIP 79#			Toronto 4263 (-1811)
FFP 53-53# FSIP 79#			Lansing/KC 4393 (-1941)
DST #2: 5425-5467' 30-60-30-60			Marmaton 5012 (-2560)
Rec. 20' Mud. IFP 32-48# ISIP 161#			Cherokee 5162 (-2710)
FFP 48-48# FSIP 129#			Atoka 5381 (-2929)
DST #3: 5481-5575' 30-60-30-60			Morrow 5443 (-2991)
Rec. 120' Mud IFP 96-129# ISIP 258#			Miss. (Chester) 5482 (-3030)
FFP 129-161# FSIP 290#			Total Depth 5575 (-3123)
USE ADDITIONAL SHEETS, IF NECESSARY, TO COMPLETE WELL RECORD.			
Date Received	 Signature		
	Attorney-in-Fact		
	Title		
	May 24, 1978		
	Date		

DRILLERS LOG

CROOKED L NO. 2-21

CASING RECORD: OPERATOR: Imperial Oil Co. DESCRIPTION:
8-5/8" set @ 1321' CONTRACTOR: Sage Drilling Co. C NW SE
w/800 sax cement COMMENCED: May 2, 1978 Sec. 21-32S-28W
Meade County, Kansas
TOTAL DEPTH: COMPLETED: May 16, 1978 ELEVATION: 2452KB
5575'

<u>FORMATION</u>	<u>FROM</u>	<u>TO</u>	<u>REMARKS</u>
Surface Sands	0	102	
Sand & Red Bed	102	735	
Red Bed & Sand	735	1321	
Red Bed	1321	1911	
Red Bed & Shale	1911	2190	
Shale & Lime	2190	2442	
Lime & Shale	2442	4507	
Shale & Lime	4507	4887	
Lime & Shale	4882	4995	
Shale & Lime	4995	5250	
Lime & Shale	5250	5432	
Shale & Sand	5432	5575	

Ran DST#1;
Ran DST#2;
Ran DST#3;
Logged Hole;
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 1st day of June, 1978.