

State Geological Survey

WICHITA, BRANCH
KANSAS DRILLERS LOG

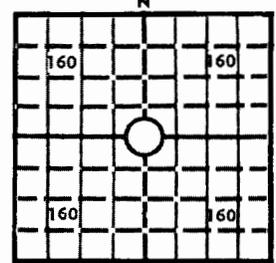
IMPORTANT
Kans. Geo. Survey request
samples on this well.

S. 2 T. 1 R. 33 ^EW

Loc. SE SE NW

County Rawlins

640 Acres
N



Locate well correctly
Elev.: Gr. 2927

DF _____ KB 2932

API No. 15 — 153 — 20,171
County Number

Operator Theodore Gore		
Address 650 Fourth National Bank Building Wichita, Kansas 67202		
Well No. #1	Lease Name Kasten	
Footage Location 2200 feet from (N) <input checked="" type="checkbox"/> line 2200 feet from (E) <input type="checkbox"/> (W) line		
Principal Contractor Murfin Drilling Company		Geologist Steve Powell
Spud Date 10-24-73	Total Depth 4164'	P.B.T.D. 4125'
Date Completed 11-16-73	Oil Purchaser Koch Oil Company	

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	28	254'	60-40 Poz.	225	3% HA-5
Production	7 7/8	5 1/2	15 1/2	4164'	Light 50-50 Poz.	225	2% Chloride

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			2	super	4089 to 4094'
			4	super	4045 to 4053'

TUBING RECORD

Size	Setting depth	Packer set at
2 7/8	4120'	

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
500 MCA Acid & 2000 MOD 202 Acid	4089 to 4094'
500 MCA Acid & 2000 MOD 202 Acid	4045 to 4053'

INITIAL PRODUCTION

Date of first production 12-13-73		Producing method (flowing, pumping, gas lift, etc.) Pumping			
RATE OF PRODUCTION PER 24 HOURS	Oil 70 bbls.	Gas MCF	Water 17 bbls.	Gas-oil ratio CFPB	
Disposition of gas (vented, used on lease or sold) Vented			Producing interval(s) 4089-4094' and 4045-4053'		

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 Theodore Gore
 DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.: Oil

Well No. 1 Lease Name Kasten

S 2 T 1 R 33 W

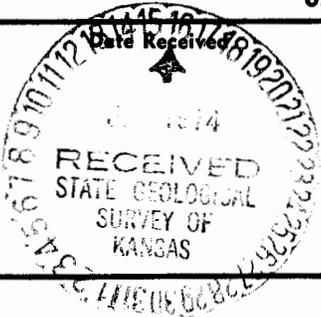
WELL LOG

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
Sand & Clay		190	Anhydrite	2761
Shale		1610	Base Anhydrite	2797
Sand & Shale		2400	Topeka	3650
Shale & Shells		2525	Deer Creek	3708
Anhydrite		2797	Oread	3781
Shale		2995	Base Oread	3809
Shale & Shells		3190	Lansing	3849
Lime & Shale		3870	Zone 2A	3899
Lime		3918	Zone 5	3939
Lime & Shale		3945	Zone 6A	3995
Lime		4164	Zone 7	4043
Total Depth		4164	Zone 9	4088
			Base Kansas City	4113
			Total Depth	4162
<p>DST #1 3863-3918 Open 30 min. Shut 30 min. Open 30 min. Shut 30 min. Weak blow for 7 minutes. Flushed tool, no help. Rec. 10' of drilling mud ISIP 1068#, IFP 41#, FFP 60#, FSIP 985#, Temp. 116</p> <p>DST #2 4008-4060 Open 30 min. Shut 30 min. Open 60 min. Shut 60 min. Good blow throughout. Rec. 330' of heavily oil and gas cut mud. ISIP 1026#, IFP 31#, FFP 143#, FSIP 966#. Temp. 118</p> <p>DST #3 4060-4095 Open 30 min. Shut 30 min. Open 60 min. Shut 60 min. Good blow throughout. Rec. 250' of heavily oil and gas cut mud. ISIP 1151#, IFP 52#, FFP 124# FSIP 1109# Temp. 118.</p>				

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



J. E. Rakaskas
 Signature
 J. E. Rakaskas
 Exploration Manager
 Title
 December 20, 1973
 Date