

State Geological Survey

WICHITA BRANCH

KANSAS DRILLERS LOG

15-083-20518

API No. 15 — County Number

Operator

A. Scott Ritchie

Address

Suite 950, 125 South Market, Wichita, Kansas 67202

Well No.

1

Lease Name

Novotny

Footage Location

20 feet from (N) ~~W~~ line

400

feet from (E) ~~W~~ line

Principal Contractor

Strata Drilling Company

Geologist

F. Judson Hipps

Spud Date

December 15, 1976

Total Depth

4647'

P.B.T.D.

Date Completed

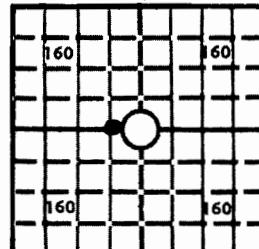
December 23, 1976

Oil Purchaser

Clear Creek

640 Acres

N



Locate well correctly

Elev.: Gr. 2391'

DF _____ KB _____

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 $\frac{1}{4}$ "	8-5/8"		330'	common	200	2% gel, 3% C.C.
Production	7-7/8"	5-1/2"		4645	60-40 pozmix	100	2% gel, 8% salt

LINER RECORD

PERFORATION RECORD

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

TUBING RECORD

4 D.P. jets per foot

4640' - 4645'

Size	Setting depth	Packer set at			

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

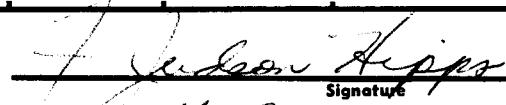
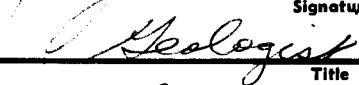
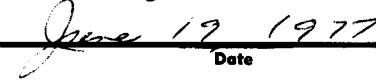
Amount and kind of material used	Depth interval treated
400 gal. 15% intensified NE	4650 $\frac{1}{2}$ '

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 Driller's 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. Driller's Logs will be on open file in the Oil and Gas Division, State Geological Survey of Kansas, Lawrence, Kansas.

Well No. 1	Lease Name Novotny	Oil		
S 17 T 22S R 23 E W C E/2 E/2 W/2				
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.				
FORMATION DESCRIPTION, CONTENTS, ETC.	TOP	BOTTOM	NAME	DEPTH
DST #1 4360' - 4485' Rec. 20' mud; no show of oil. IFP 82-102#/30"; FFP 102-102#/30"; IBHP 144#/45"; FBHP 113#/45".				
DST #2 4626' - 4647' Rec. 30' oil and 180' heavy oil cut mud (60% oil, 40% mud, grind out). IFP 41-61#/30"; FFP 82-123#/60"; IBHP 1394#/45"; FBHP 1374#/60".				
			Any B/Any Heeb Lans Marm Ft. Scott Cher Shale Miss Warsaw Miss Osage LTD	1638' (+ 758) 1670' (+ 726) 3928' (-1532) 3984' (-1588) 4386' (-1990) 4532' (-2136) 4557' (-2161) 4624' (-2228) 4641' (-2245) 4647' (-2251)*
			*E/log lacked an est. 2' of reaching bottom	
			Est. TD	4649' (-2253)
USE ADDITIONAL SHEETS, IF NECESSARY, TO COMPLETE WELL RECORD.				
Date Received <i>Another</i>	 Judson Kipp <small>Signature</small>  Geologist <small>Title</small>  June 19 1977 <small>Date</small>			