

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

KANSAS DRILLERS LOG

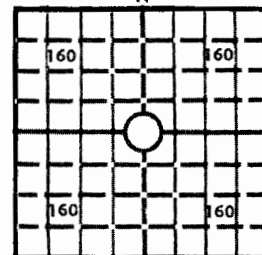
S. 34 T. 22 R. 23 ~~X~~ W

API No. 15 — 083 — 20,350 State Geological Survey
County Number

Loc. C SW NE

County Hodgeman

640 Acres
N



Locate well correctly

Elev.: Gr. 2252

DF KB 2257

Operator WICHITA, BRANCH

National Oil Company

Address Suite 550, 200 West Douglas
Wichita, Kansas 67202

Well No. #1 Lease Name Billings

Footage Location

feet from (N) (S) line

feet from (E) (W) line

Principal Contractor B & B Drilling Geologist Dick Grant

Spud Date 2-11-74 Total Depth 4575 P.B.T.D. 1-11-74

Date Completed 2-22-74 Oil Purchaser

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
		8-5/8"	20#	335'	Common	200	2% gel., 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			

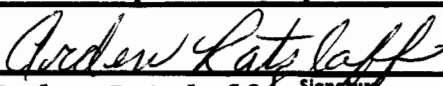
ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

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	Gas	Water	Gas-oil ratio	
	bbls.	MCF	bbls.	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 National Oil Company		DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.: Dry Hole	
Well No. #1	Lease Name Billings		
S <u>34</u> T <u>22</u> R <u>23</u> E W		C SW NE	
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, 4454-4513; 30-30-30-30; Wk blow, dead in 5"; FP 55-55; SIP 86-71; Rec. 5" mud			Electric Log Tops
DST #2, 4530-4543; 30-45-60-45; Strg blow dec. on 2nd open; Rec. 120' GIP; 310' Cl gsy oil; 62' froggy oil; SIP 1166-712; FP 39-165			Anhydrite 1430 +827
			Heebner Sh 3828 -1571
			Toronto 3845 -1588
			Lansing 3888 -1631
Straddle test; 4527-40; gd blow dec. to fr; Rec. 107' Cl gsy oil; 243' froggy oil; ISIP 569; FSIP 514;			Stark Sh 4158 -1901
			B/KC 4272 -2015
			Pawnee 4376 -2119
DST #3, 4543-53; 30-45-60-60; Strg blow throughout; Rec. 1516' GIP; 1884' SW; FP 136-768; ISIP 1452; FSIP 1452			Ft. Scott 4430 -2173
			Miss. Warsaw 4522 -2265
			Miss. Osage 4545 -2288
			LTD 4577 -2320
USE ADDITIONAL SHEETS, IF NECESSARY, TO COMPLETE WELL RECORD.			
Date Received	 Arden Ratzlaff Signature Kansas Exploration Manager Title March 13, 1974 Date		