

1-33-10W

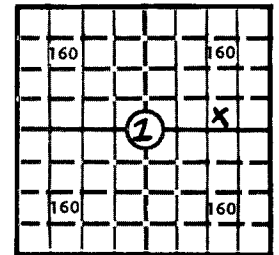
State Geological Survey

KANSAS DRILLERS LOG WICHITA, BRANCH

API No. 15 — 007 — 20,213  
 County Number

S. 1 T33S R. 10 W  
 Loc. SW SE NE  
 County Barber

640 Acres  
 N



Locate well correctly

Elev.: Gr. 1379  
 DF 1381 KB 1384

Operator  
 Clinton Oil Company

Address  
 217 North Water - Wichita, Kansas 67202

Well No. 1-V Lease Name U. B. Harbaugh

Footage Location  
 330 feet from (X) (S) line 990 feet from (E) (X) line

Principal Contractor Graves Drilling Co. Geologist Mr. Robert Hammond

Spud Date 5-16-73 Total Depth 4820 P.B.T.D. 4451

Date Completed 6-14-73 (State Pot.) Oil Purchaser Koch

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"	20#	272	60-40 poz	225	3% HA-5
Production	7-7/8"	5-1/2"	14 & 15.5	4489	Densified	150	106# .75% CFR-2

LINER RECORD

None

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			1	Hydro-Jet	4375

TUBING RECORD

Size	Setting depth	Packer set at	
2-7/8"	4390'	4267	(Notched csg.)

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
250 gal SMD-15% w/1/2 IB-1 inhibitor (Acid Engineers, 6-5-73)	4375'

INITIAL PRODUCTION

Date of first production 6-14-73 Producing method (flowing, pumping, gas lift, etc.) Flowing 14/64" choke

RATE OF PRODUCTION PER 24 HOURS	Oil	Gas	Water	Gas-oil ratio
	63 bbls.	930 MCF	Trace bbls.	14.397 CFPB

Disposition of gas (vented, used on lease or sold) Will sell to Panhandle Eastern Producing interval (s) 4375

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: CLINTON OIL COMPANY  
 Well No. 1-V Lease Name: U. B. Harbaugh  
 DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.: OIL  
 S 1 T 33S R 10 E 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.

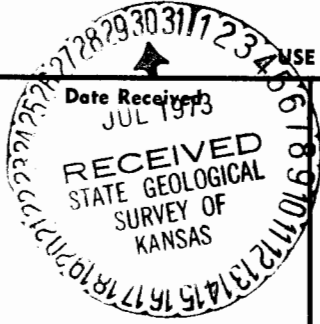
SHOW GEOLOGICAL MARKERS, LOGS RUN, OR OTHER DESCRIPTIVE INFORMATION.

FORMATION DESCRIPTION, CONTENTS, ETC.	TOP	BOTTOM	NAME	DEPTH
WABAUNSEE	2430	2465	Radiation-Guard Log	
TOPEKA	3033	3355		
HEEBNER	3372	3376	Gamma Ray Neutron	
DOUGLAS SAND	3429	3472		
STALNAKER	3718	3731		
KANSAS CITY	3898	4123	Ø K	
MISSISSIPPIAN	4337	4595		
VIOLA	4707	4746		
SIMPSON	4746	4820		
T.D.	4820			

DST. #1 - 4341-70 (Miss.)  
 TO 45", GTS in 2".  
 Ga in 5 min 1300 MCFGPD  
 10 1630  
 15 1790  
 20 1790  
 25 1790  
 30 1790  
 45" ISIP 1535#; 60" FSIP 1535#;  
 15" IFP 222/213#, 30" FFP 222/222#  
 BHT 133 Deg.

DST. #2 - 4370-82 (Miss.)  
 TO 12", GTS in 2". Ga in 5"  
 734 MCFGPD, flowed oil in 10".  
 Shut in 60" for BU. Rec 1178'  
 CGO, 26 Deg. Gravity, no water  
 recovery. IFP 684/1047#, FSIP  
 1556#.

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



Signature: Donald D. Vaughan  
 Title: Mid-Continent District Geologist  
 Date: 29 June 1973