

**KANSAS DRILLERS LOG**

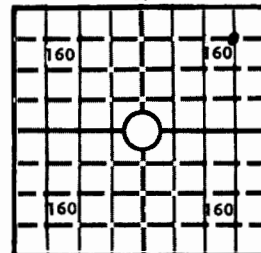
API No. 15 — 033 — 20,231  
County Number

S. 32 T. 33S R. 20W<sup>E</sup><sub>W</sub>

Loc. C NE NE

County Comanche

640 Acres  
N



Locate well correctly

Elev.: Gr. 1801

DF 1809 KB 1812

Operator  
National Oil Company

Address  
200 West Douglas, Suite 550, Wichita, KS

Well No. 1 Lease Name Carpenter

Footage Location  
660 feet from (N) ~~355~~ line 660 feet from (E) ~~355~~ line

Principal Contractor DaMac Drilling Geologist Jay Dirks

Spud Date December 21, 1977 Total Depth 5325 P.B.T.D.

Date Completed January 3, 1978 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
Surface	12 1/4	8-5/8	20	606	Common	400	2% gel, 3% cc

**LINER RECORD**

**PERFORATION RECORD**

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

**TUBING RECORD**

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

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

Dry hole

National Oil Company

Well No.

1

Lease Name

Carpenter

S 32 T 33S R 20W E W

C NE NE, Comanche County, Kansas

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
DST #1, 5230-55'; 30-30-30-30; No blow; rec 10' mud; ISIP 73; FSIP 48; IFB 24-24; FFP 24-24.			Log Tops	
			Heebner	4225 -2413
			Lansing	4420 -2608
			B/Ks City	4781 -2969
			Marmaton	4963 -3151
			Pawnee	5058 -3246
			Cherokee	5107 -3295
			Morrow Sh	5210 -3398
			Morrow Sd	5216 -3404
			Mississippi	5273 -3461
			RTD	5325 -3513

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

Date Received

*Bill C. Roney*  
Signature

Geologist

Title

May 19, 1978

Date