037-20648

TOWN OIL CO., INC.

R. Rt. 4 ✱ Paola, Kansas 66071
Telephone: 913-294-2125

FILING NO.

COMPANY PENSE BROS.
WELL #7
FIELD MCMAHON
COUNTY CASS STATE MISSOURI

LOCATION: 1635' FSL 670' FEL
SEC 5 TWP. 43N RGE. 33W

OTHER SERVICES: CCL

PERMANENT DATUM: GL ELEV. N/A
LOG MEASURED FROM: GL FT. ABOVE PERM. DATUM
DRILLING MEASURED FROM: GL

ELEV.: K.B. N/A
D.F. N/A
G.L. N/A

DATE	10-15-97	10-15-97
RUN NO.	1 NW	1 NW
TYPE LOG	GAMMA RAY	NEUTRON
DEPTH—DRILLER		
DEPTH—LOGGER	271.0	271.0
BOTTOM LOGGED INTERVAL	265.5	270.0
TOP LOGGED INTERVAL	0.0	4.5
TYPE FLUID IN HOLE	WATER	WATER
SALINITY, PPM CL		
DENSITY		
LEVEL	FULL	FULL
MAX. REC. TEMP., DEG F.		
OPERATING RIG TIME		
RECORDED BY	TIM SHIRLEY	TIM SHIRLEY
WITNESSED BY		

RUN NO.	BORE-HOLE RECORD BIT	FROM	TO	CASING RECORD SIZE	WGT.	FROM	TO
				2"		0.0	T.D.

TOWN 1-9-89

FOLD HERE

THIS HEADING AND LOG CONFORMS TO API RP 33

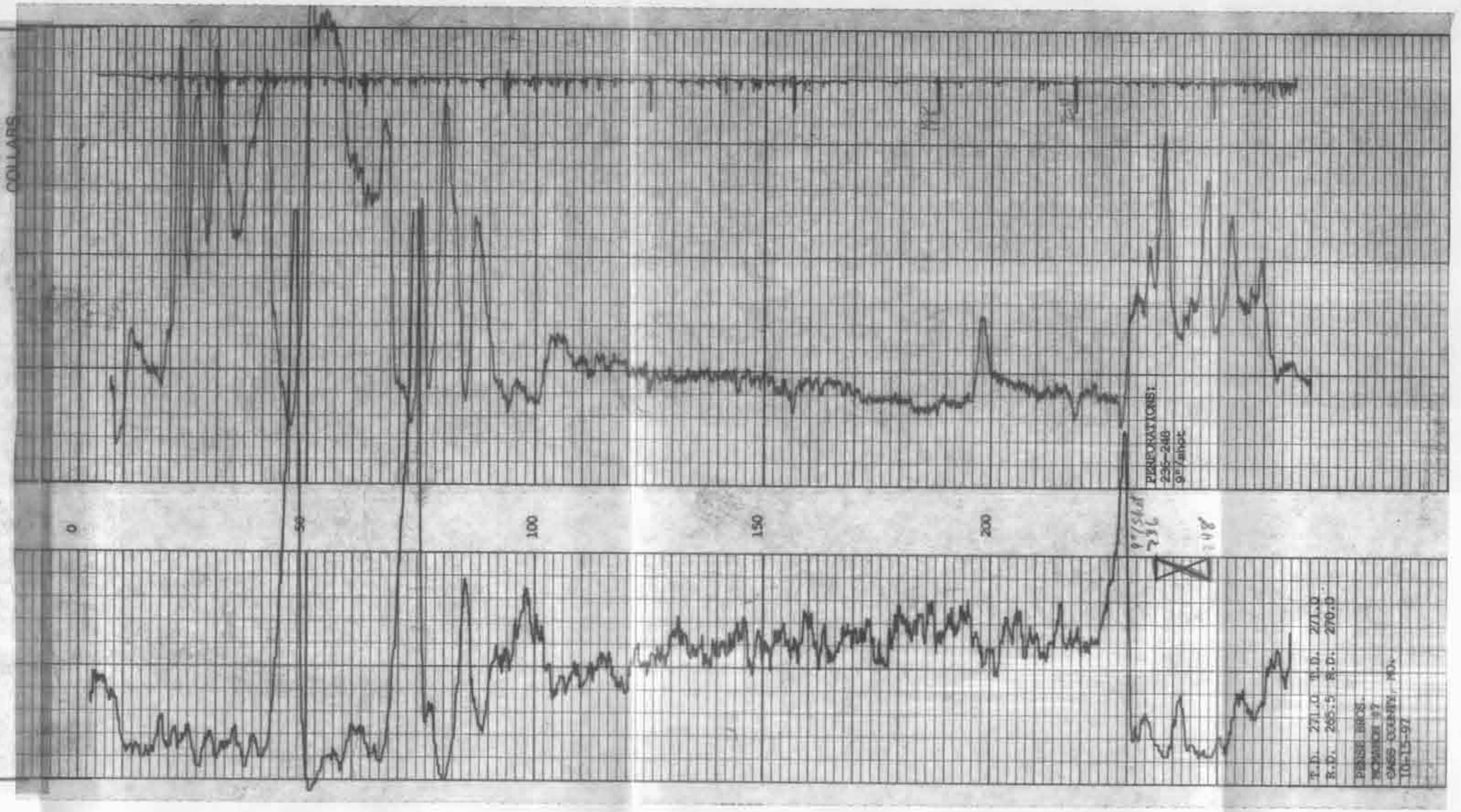
EQUIPMENT DATA

GAMMA RAY		NEUTRON	
RUN NO.	1 NW	RUN NO.	1 NW
TOOL MODEL NO.	705	TOOL MODEL NO.	9001/9801
DIAMETER	1 11/16"	DIAMETER	1 11/16"
DETECTOR MODEL NO.	705-GR	DETECTOR MODEL NO.	705, 105-3
TYPE	GM/GER	TYPE	HE
LENGTH	1 3/8 x 11"	LENGTH	1" x 6"
DISTANCE TO N. SOURCE	4.5	SOURCE MODEL NO.	71-1
		SERIAL NO.	71-1-3356
GENERAL		SPACING	13"
HOIST TRUCK NO.	0020	TYPE	AMBE-241
INSTRUMENT TRUCK NO.	0020	STRENGTH	5 CT
TOOL SERIAL NO.	0002		

LOGGING DATA

GENERAL RUN NO.	DEPTHS FROM	TO	SPEED FT/MIN.	T.C. SETTING	SENS. SETTING	GAMMA RAY ZERO DIVS.	AP. G.R. UNITS PER DIV. DIV.	T.C. SEC	SENS. SETTING	NEUTRON ZERO DIV.	API N. UNITS PER DIV. DIV.
1	0.0	T.D.	25	4.0	100/095	2-L	10	1.0	500/100	3-L	20

REFERENCE (LITERATURE): 2" CONSTRUED

REMARKS: PERFORATIONS: 236-248 9"/shot

GAMMA RAY DEPTH NEUTRON