037-20655

TOWN OIL CO., INC.

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

FILING NO.

COMPANY PENSE BROS.
WELL 1-W
FIELD MCMAHON
COUNTY CASS STATE MISSOURI

LOCATION 1660' FSL 1185' FEL
SEC 5 TWP 43N RGE 33W

OTHER SERVICES
CCL

PERMANENT DATUM GL ELEV N/A 950
LOG MEASURED FROM GL FT. ABOVE PERM. DATUM
DRILLING MEASURED FROM GL

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

DATE	10-15-97	10-15-97	2-8
RUN NO.	1 NW	1 NW	[illegible]
TYPE LOG	GAMMA RAY	NEUTRON	
DEPTH—DRILLER			
DEPTH—LOGGER	305.0	305.0	
BOTTOM LOGGED INTERVAL	299.5	304.0	
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.

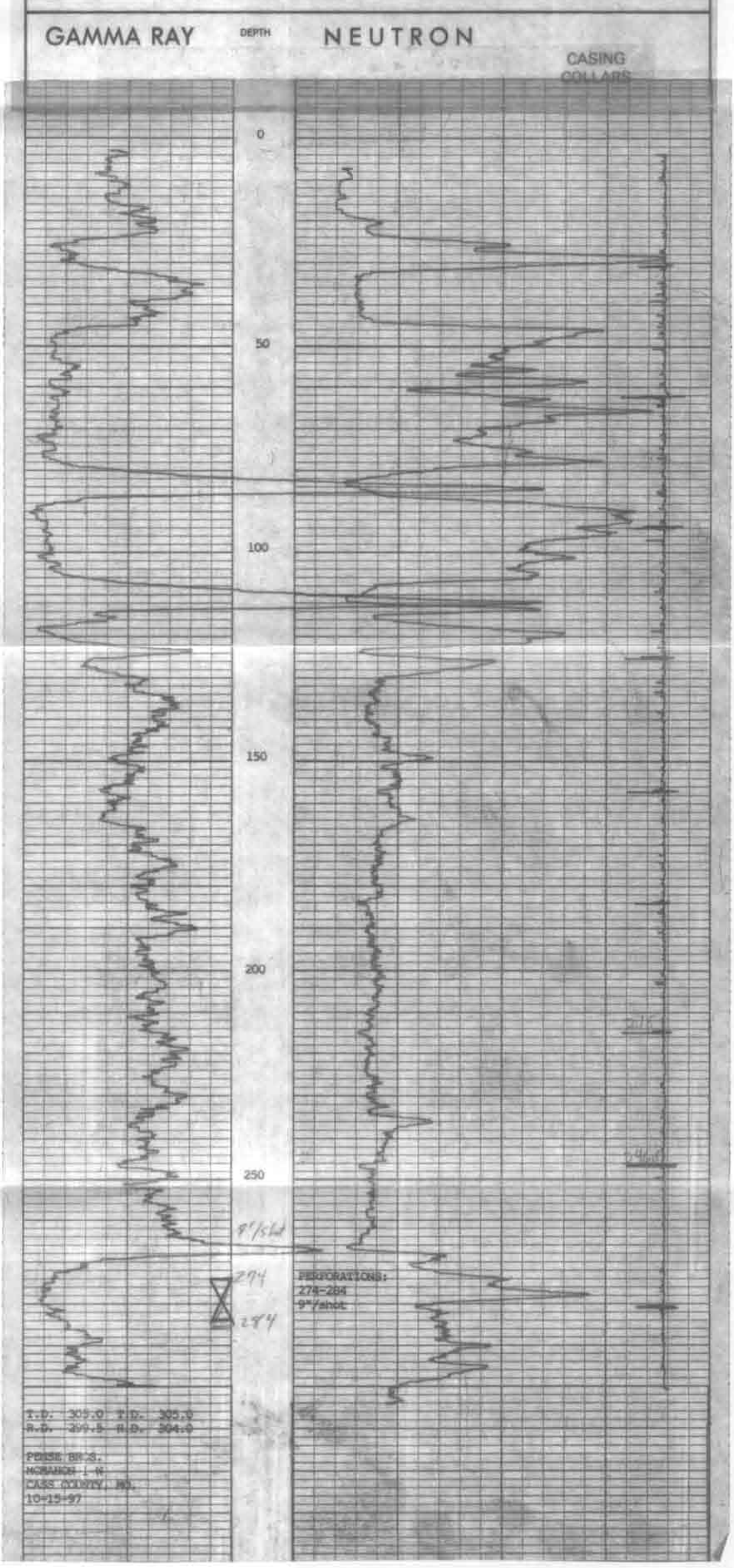
FOLD HERE THIS HEADING AND LOG CONFORMS TO API RP 33

EQUIPMENT DATA

GAMMA RAY			NEUTRON		
RUN NO.	1 NW		RUN NO.	1 NW	
TOOL MODEL NO.	705		LOG TYPE	705	
DIAMETER	1 11/16"		TOOL MODEL NO.	1 11/16"	
DETECTOR MODEL NO.	705-GE		DIAMETER	705 HE-3	
TYPE	GEIGER		DETECTOR MODEL NO.	HE	
LENGTH	1 3/8 x 16"		TYPE	1" x 6"	
DISTANCE TO N. SOURCE	4.5		LENGTH	71-1	
			SOURCE MODEL NO.	71-1-335G	
GENERAL			SERIAL NO.	13"	
HOIST TRUCK NO.	0020		SPACING	AMBE-241	
INSTRUMENT TRUCK NO.	0020		TYPE	3 CI	
TOOL SERIAL NO.	0002		STRENGTH		

LOGGING DATA

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

REFERENCE LITERATURE: 2" CEMENTED

REMARKS PERFORATIONS: 274-284
9"/shot