Permit # 21198 [redacted]

TOWN OIL CO., INC.

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

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MAY 22 1989
MO Oil & Gas Council
Economic Geology

GO 2980

COMPANY	CONTINENTAL EXPLORATION
WELL	NO. K-4
FIELD	WAVE LEASE
COUNTY	JACKSON STATE MISSOURI
LOCATION	1523' FWL & 2113' FWL
OTHER SERVICES	CCL Perforate
SEC. 21	TWP. 47N RGE. 32W

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

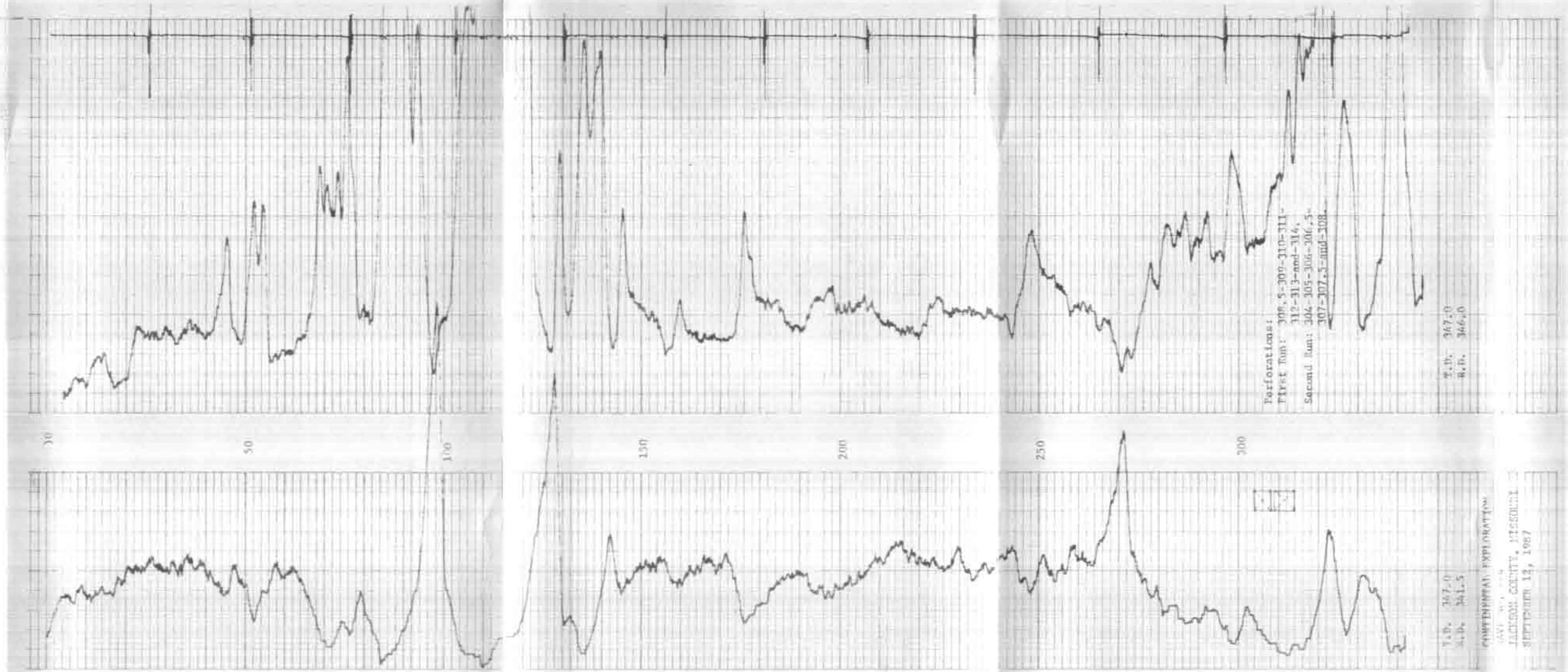
DATE	9-12-87	9-12-87
RUN NO.	1 NW	1 NW
TYPE LOG	GAMMA RAY	NEUTRON
DEPTH - DRILLER		
DEPTH - LOGGER	347.0	347.0
BOTTOM LOGGED INTERVAL	341.5	340.0
TOP LOGGED INTERVAL	0.0	6.5
TYPE FLUID IN HOLE	WATER	WATER
SALINITY PPM Cl		
DENSITY		
LEVEL	FULL	FULL
MAX. REC. TEMP. °F		
ESTIMATED CEMENT TOP		
OPERATOR	MORGAN	MORGAN
WITNESSED BY		

RUN NO.	BIT SIZE	BIT TYPE	FROM	TO	CASING RECORD SIZE	WGT.	GRADE	FROM	TO
					4½"			0.0	T.D.

EQUIPMENT DATA

	GAMMA RAY	NEUTRON
RUN NO.	1 NW	1 NW
DATE	9-12-87	9-12-87
TYPE LOG	GR	NEUTRON
TOOL MODEL NO.	705-CR	705 TH-5
DETECTOR MODEL NO.	CT-705	1 1/2" x 6"
SOURCE MODEL NO.		71-1
SERIAL NO.		71-1-3556
SPACING		1 FT.
TYPE	1 1/2" x 6"	1 1/2" x 6"
SOURCE	1 1/2" x 6"	1 1/2" x 6"
DETECTOR	1 1/2" x 6"	1 1/2" x 6"

LOGGING DATA

	GAMMA RAY	NEUTRON
ZERO	3-1	2-4
SENS. SETTINGS	100/PSI	500/100
SPEED	25	30
DEPTH	T.D.	T.D.

Mg = CONTINENTAL
O.Z. = TOWN OIL COMPANY