G-01016

Permit # 21237

TOWN OIL CO., INC.

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

FILING NO.

COMPANY HARDY OIL CO.

WELL #406

FIELD DEWALD

COUNTY JACKSON STATE MO.

LOCATION

SEC 22 TWP 45 RGE 33

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	12-8-90	12-8-90
RUN NO.	1 NW	1 NW
TYPE LOG	GAMMA RAY	NEUTRON
DEPTH—DRILLER		
DEPTH—LOGGER	685.0	685.0
BOTTOM LOGGED INTERVAL	679.5	684.0
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	T. SHIRLEY	T. SHIRLEY
WITNESSED BY		

BORE HOLE RECORD

RUN NO.	BIT	FROM	TO

CASING RECORD

SIZE	WGT	FROM	TO
2½"		0.0	T.D.

RECEIVED
JUN 20 1991
Oil & Gas Council

THIS HEADING AND LOG CONFORMS TO API RP 33

FOLD HERE

GAMMA RAY

RUN NO.	1 NW	
LOG TYPE		
TOOL MODEL NO.	705	
DIAMETER	1 11/16	
DETECTOR MODEL NO.	705-GR	
TYPE	GEIGER	
LENGTH	1 3/8x18"	
DISTANCE TO N. SOURCE	4.5	

GENERAL

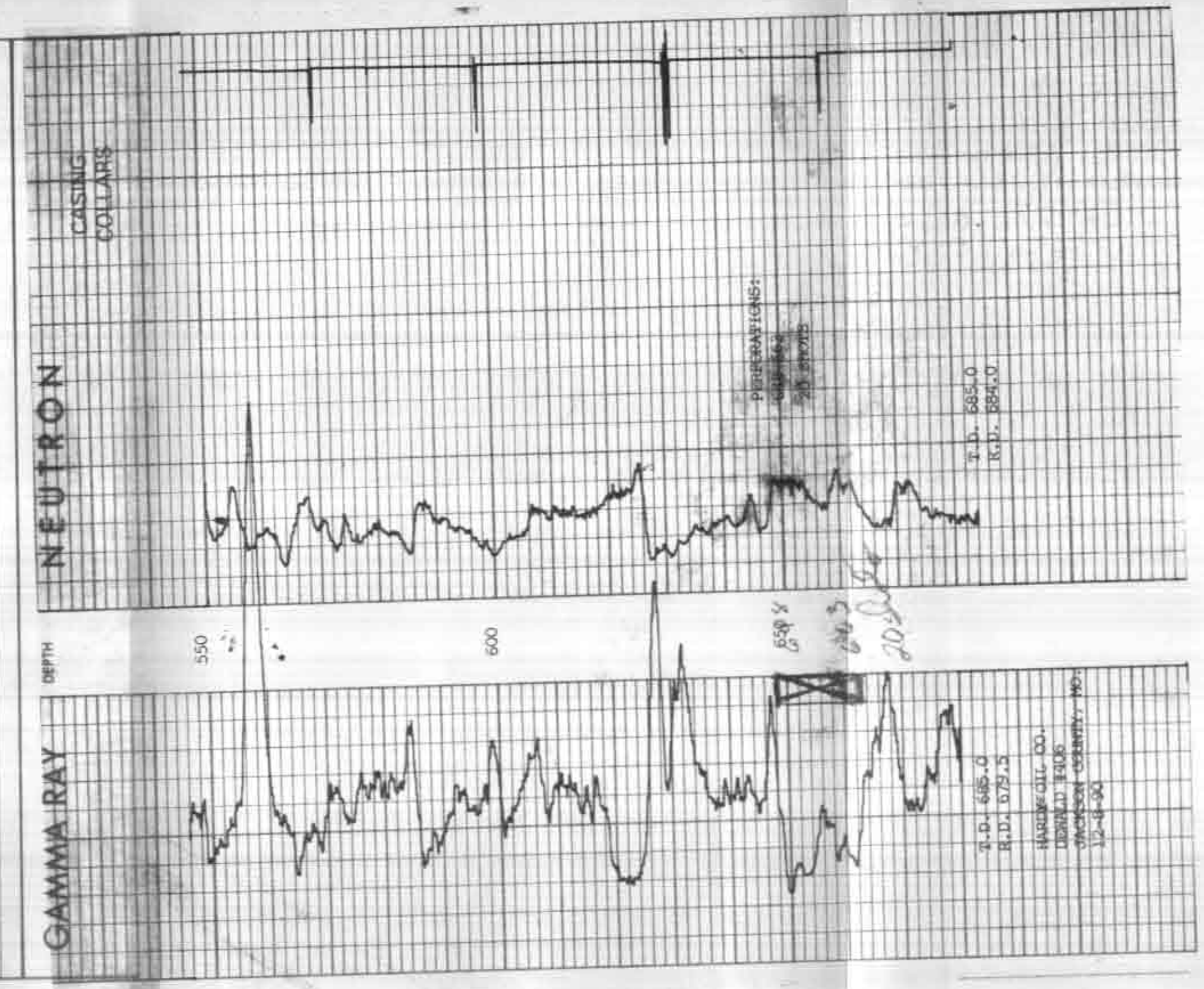
HOST TRUCK NO.	
INSTRUMENT TRUCK NO.	
TOOL SERIAL NO.	

NEUTRON

RUN NO.	1 NW
LOG TYPE	NEU/NEU
TOOL MODEL NO.	705
DIAMETER	1 11/16"
DETECTOR MODEL NO.	705 HE-3 HE
TYPE	
LENGTH	1" x 6"
SOURCE MODEL NO.	71-1
SERIAL NO.	71-1-3356
SPACING	13"
TYPE	AMBE-241
STRENGTH	3 CI

LOGGING DATA

GENERAL DEPTHS RUN NO.	FROM	TO	SPEED FT/MIN	T.C. SEC	SENS. SETTINGS	GAMMA RAY ZERO DIV. L OR R	API G.R. UNITS PER LOG DIV.	T.C. SEC	SENS. SETTINGS	NEUTRON 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 2½" CENTERED

REMARKS