20513

MIDWEST SURVEYS

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JUL 20 1995
Oil & Gas Council

FILING NO.

COMPANY: PENSE BROTHERS DRILLING COMPANY, INC.
WELL: NO. 1
FIELD: G. WARNER LEASE
COUNTY: CASS STATE: MISSOURI

LOCATION: SEC 29 TWP 43 RGE 31W

OTHER SERVICES: CCL PERFORATE

PERMANENT DATUM: G.L. ELEV: NA
LOG MEASURED FROM: G.L. FT ABOVE PERM. DATUM
DRILLING MEASURED FROM: G.L.

ELEV. K.B. NA
D.F. NA
G.L. NA

DATE	6-29-90	6-29-90
RUN NO	1 SW	1 SW
TYPE LOG	GAMMA RAY	NEUTRON
DEPTH—DRILLER	NA	NA
DEPTH—LOGGER	231.0	231.0
BOTTOM LOGGED INTERVAL	222.0	230.0
TOP LOGGED INTERVAL	10.0	18.0
TYPE FLUID IN HOLE	WATER	WATER
SALINITY, PPM CL	NA	NA
DENSITY	NA	NA
LEVEL	FULL	FULL
MAX REC. TEMP., DEG F	NA	NA
OPERATING RIG TIME	NA	NA
RECORDED BY	S. WINDISCH	S. WINDISCH
WITNESSED BY	C. PENSE	C. PENSE

RUN NO	BORE-HOLE RECORD BIT	FROM	TO	CASING RECORD SIZE	WGT	FROM	TO
				6 1/2		0.0	T.D.

EQUIPMENT DATA

	GAMMA RAY	NEUTRON
RUN NO	1 SW	1 SW
TOOL MODEL NO	102	SEG/NEU
DIAMETER	1 11/16"	102
DETECTOR MODEL NO	C-1057	1 11/16"
TYPE	SCINT.	C-1031
LENGTH	15' 4"	15' 2 6"
DISTANCE TO W SOURCE	8.0	7-1-1-3558
SOURCE MODEL NO		13"
SERIAL NO		Am/241Be
SPACING		3 CI
TYPE		
STRENGTH		

GENERAL

HOIST TRUCK NO	NA
INSTRUMENT TRUCK NO	102
TOOL SERIAL NO	MS-0001

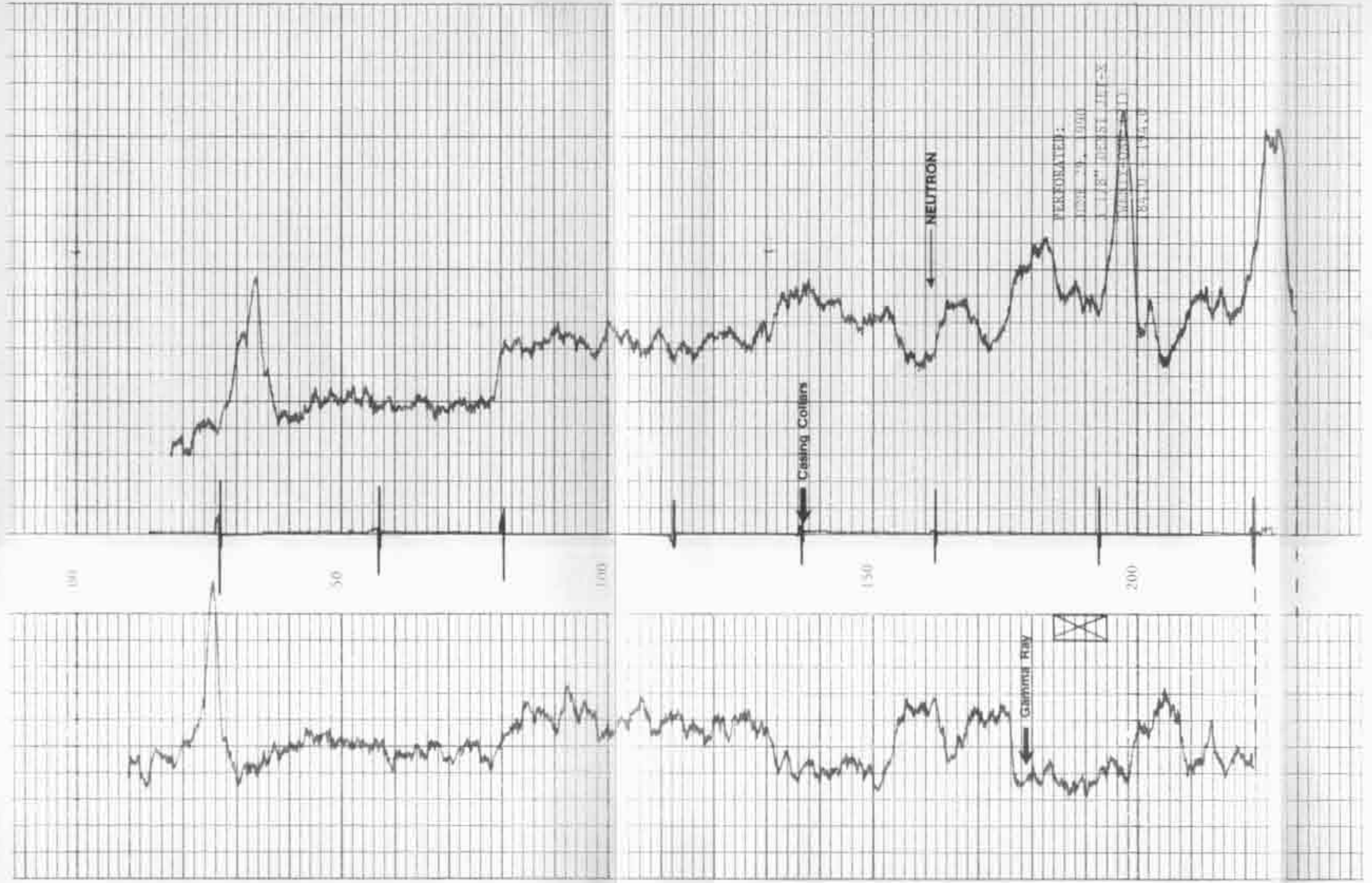
LOGGING DATA

GENERAL RUN NO	DEPTHS FROM	TO	SPEED T.PM	T.C. SEC	SENS SETTINGS	GAMMA RAY ZERO DIV. LOG B	AP.I.G.R. UNITS PER LOG DIV.	T.C. SEC	SENS SETTINGS	NEUTRON ZERO DIV. LOG B	AP.N. UNITS PER LOG DIV.
1	10.0	230.0	20	5.0	1.82/100	01	10	4.0	1.35/100	01	20

REFERENCE LITERATURE: 6 1/2" CEMENTED

REMARKS: D.C. COMPANY TOOLS

GAMMA RAY DEPTH NEUTRON
CASING COLLARS



COMPANY PENSE BROTHERS DRILLING COMPANY, INC.
WELL NO. 1
LEASE G. WARNER
COUNTY CASS, MISSOURI
DATE JUNE 29, 1990

GAMMA RAY	T.D.	231.0
GAMMA RAY	R.D.	222.0
NEUTRON	T.D.	231.0
NEUTRON	R.D.	230.0
CASING SET @		T.D.