20037

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Oil & Gas Council

MIDWEST SURVEYS
LOGGING · PERFORATING · CONSULTING SERVICES

FILING NO.

COMPANY PENSE BROTHERS DRILLING COMPANY, INC.
WELL NO. 1
FIELD CHAMPLIN LEASE
COUNTY BATES STATE MISSOURI

LOCATION: NW1/4 - NE1/4
SEC 25 TWP 42N RGE 33W

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	5-8-90	5-8-90
RUN NO.	1 NW	1 NW
TYPE LOG	GAMMA RAY	NEUTRON
DEPTH-DRILLER	NA	NA
DEPTH-LOGGER	499.0	499.0
BOTTOM LOGGED INTERVAL	490.0	498.0
TOP LOGGED INTERVAL	200.0	208.0
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	G. PENSE	G. PENSE

BORE-HOLE RECORD

RUN NO	BIT	FROM	TO

CASING RECORD

SIZE	WGT	FROM	TO
4 1/2		0.0	T.D.

EQUIPMENT DATA

GAMMA RAY		NEUTRON	
RUN NO.	1 NW	RUN NO.	1 NW
TOOL MODEL NO.	102	LOG TYPE	NEU/NEU
DIAMETER	1 11/16"	TOOL MODEL NO.	102
DETECTOR MODEL NO.	E-1057	DIAMETER	1 11/16"
TYPE	SCINT.	DETECTOR MODEL NO.	E-1031
LENGTH	1" X 4"	TYPE	HE-3
DISTANCE TO N. SOURCE	8.0	LENGTH	1" X 6"
		SOURCE MODEL NO.	71-1
GENERAL		SERIAL NO.	71-1-355B
HOIST TRUCK NO.	NA	SPACING	13"
INSTRUMENT TRUCK NO.	102	TYPE	Am241Be
TOOL SERIAL NO.	MS-0001	STRENGTH	3 CI.

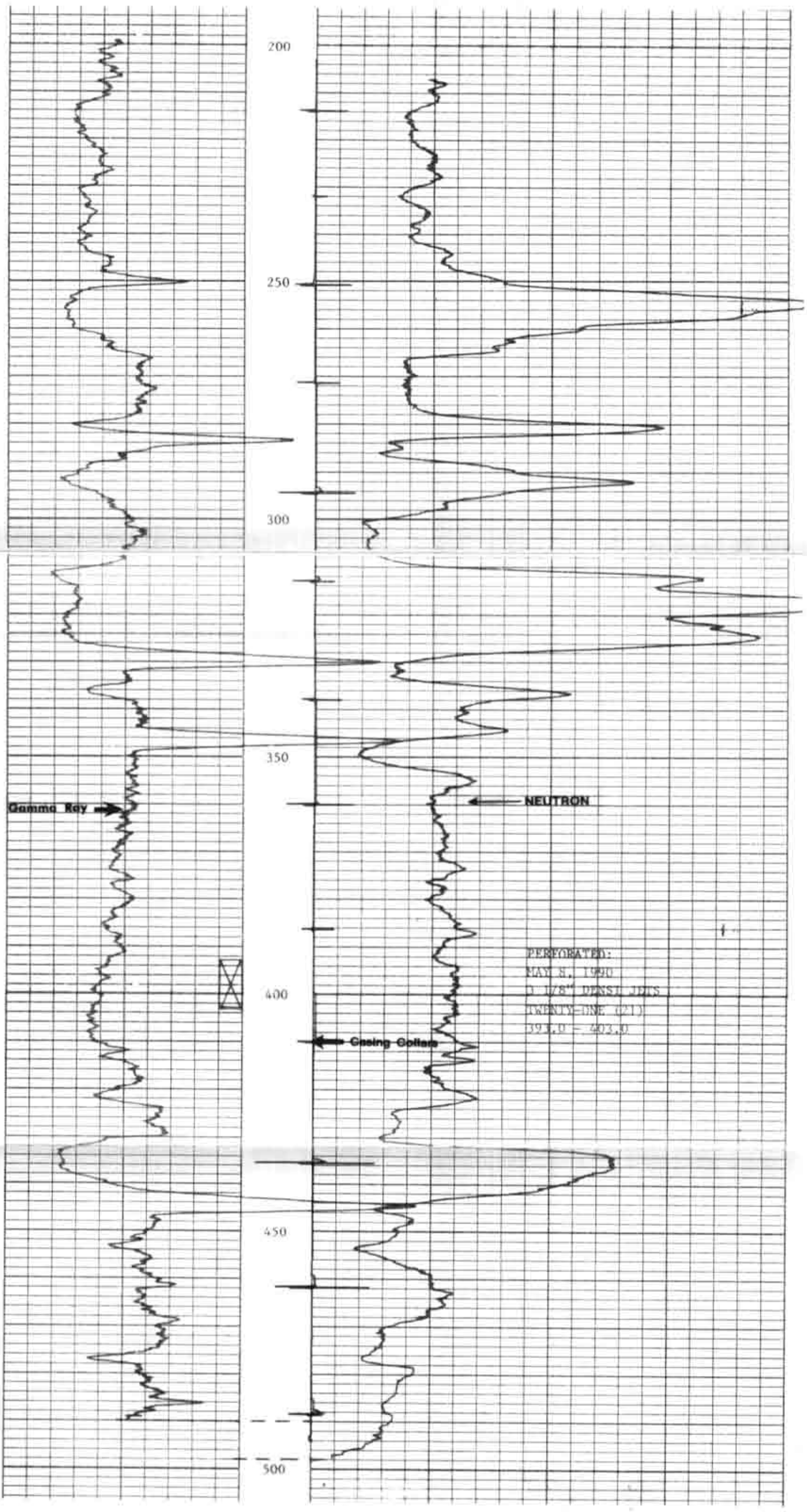
LOGGING DATA

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	200.0	498.0	20	4.0	1.85/100	OL	10	4.0	1.35/100	OL	20

REFERENCE LITERATURE: D.C. PENSE BROTHERS DRILLING COMPANY, INC.

REMARKS

GAMMA RAY DEPTH NEUTRON
CASING
COLLARS



COMPANY	PENSE BROTHERS DRILLING COMPANY, INC.	GAMMA RAY	T.D.	499.0	
WELL	NO. 1	GAMMA RAY	R.D.	490.0	
LEASE	CHAMPLIN	NEUTRON	T.D.	499.0	
COUNTY	BATES, MISSOURI	NEUTRON	R.D.	498.0	
DATE	MAY 8, 1990	CASING SET @		T.D.	