20056

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Oil & Gas Council

MIDWEST SURVEYS
LOGGING · PERFORATING · CONSULTING SERVICES
Phone: Kansas 66771
Box 128
913/780-9128

FILING NO.

PERMIT#20056

COMPANY	PENSE BROTHERS DRILLING COMPANY, INC.
WELL	NO. 2
FIELD	CHAMPLIN LEASE
COUNTY	BATES STATE MISSOURI
LOCATION	1300.0 FNL - 1980.0 FEL 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	9-5-91	9-5-91
RUN NO	1 NW	1 NW
TYPE LOG	GAMMA RAY	NEUTRON
DEPTH--DRILLER	NA	NA
DEPTH--LOGGER	428.0	428.0
BOTTOM LOGGED INTERVAL	419.0	427.0
TOP LOGGED INTERVAL	20.0	28.0
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	B. BLANCETT	B. BLANCETT

RUN NO.	BORE-HOLE RECORD BIT	FROM	TO	CASING RECORD SIZE	WGT	FROM	TO
				4 1/2		0.0	T.D.

FORM 4188

NOTE: PRINTING AND SIZE CONFORMS TO API RP 33

EQUIPMENT DATA

GAMMA RAY		NEUTRON	
RUN NO.	1 NW	RUN NO.	1 NW
TOOL MODEL NO.	102	TOOL MODEL NO.	102
DIAMETER	1 11/16"	DIAMETER	1 11/16"
DETECTOR MODEL NO.	E-1057	DETECTOR MODEL NO.	E-1031
TYPE	Scint.	TYPE	BF-3
LENGTH	8.4"	LENGTH	10.4"
DISTANCE TO H. SOURCE	8.0	SOURCE MODEL NO.	1-1
		SERIAL NO.	71-1-3538
GENERAL		SPACING	18"
HOIST TRUCK NO.	NA	TYPE	Pu-Be
INSTRUMENT TRUCK NO.	102	STRENGTH	5 Ci
TOOL SERIAL NO.	MS-0001		

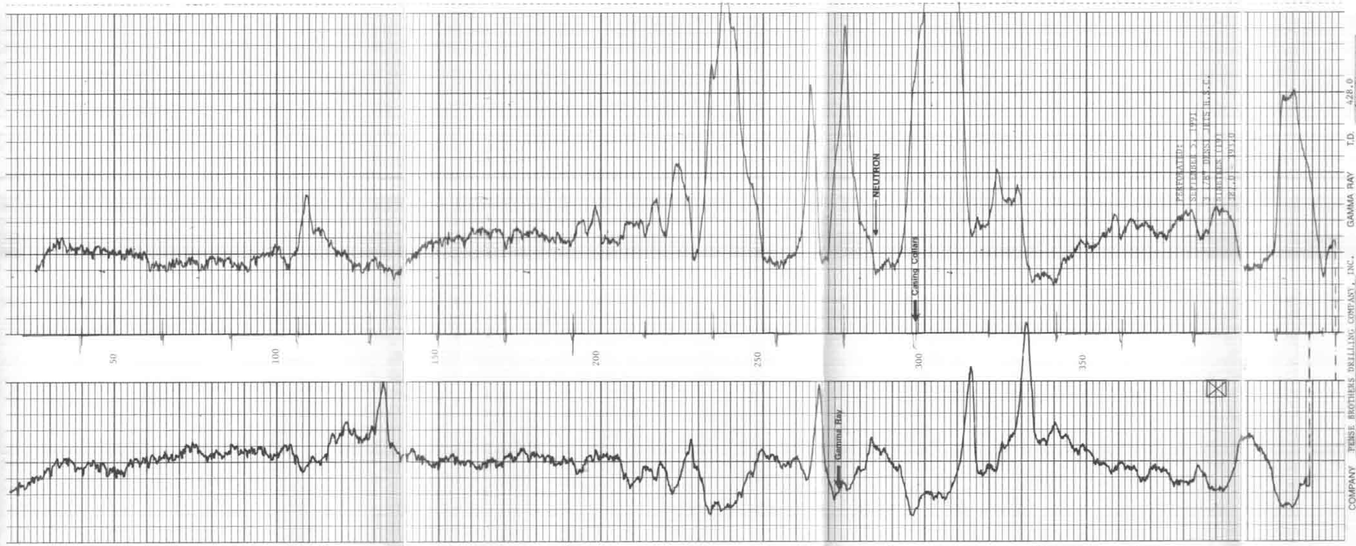
LOGGING DATA

GENERAL RUN NO.	DEPTH FROM	DEPTH TO	SPEED FT/MIN	T.C. SEC.	SENS. SETTINGS	GAMMA RAY API & UNITS PER DIV.	T.C. SEC.	SENS. SETTINGS	NEUTRON API IN UNITS PER DIV. ZERO DIV.	API & UNITS PER DIV.
1	20.0	427.0	20	4.0	1.85/100	10.	4.0	1.35/100	0.	20.

REFERENCE (LITERATURE) 4 1/2" CEMENTED

REMARKS D.C. PENSE BROTHERS DRILLING COMPANY

DEPTH GAMMA RAY CASING COLLARS NEUTRON



COMPANY	PENSE BROTHERS DRILLING COMPANY, INC.
WELL	NO. 2
LEASE	CHAMPLIN
COUNTY	BATES STATE MISSOURI
DATE	SEPTEMBER 5, 1991

T.D.	428.0
R.D.	419.0
T.D.	428.0
R.D.	427.0
GAMMA RAY	
GAMMA RAY	
NEUTRON	
NEUTRON	
CASING SET @	T.D. - 4 1/2"