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Oil & Gas Council

MIDWEST SURVEYS
LOGGING · PERFORATING · CORRELATION · DEPTH CONTROL

PERMIT #20566

FILING NO.

COMPANY: DEAN SHIDELER
WELL: 13-A
FIELD: SHIDELER — OCC # 20566
COUNTY: CASS — STATE: MISSOURI

LOCATION: 2470 FNL - 48 FEL
SEC 17 TWP 43N RGE 33W

OTHER SERVICES: OIL PERFORATE

PERMANENT DATUM	G.L.	ELEV. NA	ELEV.: K.B. NA
LOG MEASURED FROM	G.L.	FT. ABOVE PERM. DATUM	D.F. NA
DRILLING MEASURED FROM	G.L.		G.L. NA

DATE	9-10-93	9-10-93
RUN NO.	1 NW	1 NW
TYPE LOG	GAMMA RAY	NEUTRON
DEPTH-DRILLER	NA	NA
DEPTH-LOGGER	472.0	472.0
BOTTOM LOGGED INTERVAL	463.0	471.0
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	D. SHIDELER	D. SHIDELER

RUN NO.	BORE-HOLE RECORD BIT	FROM	TO	CASING RECORD SIZE	WGT	FROM	TO
				3 5/8"		0.0	T.D.

EQUIPMENT DATA

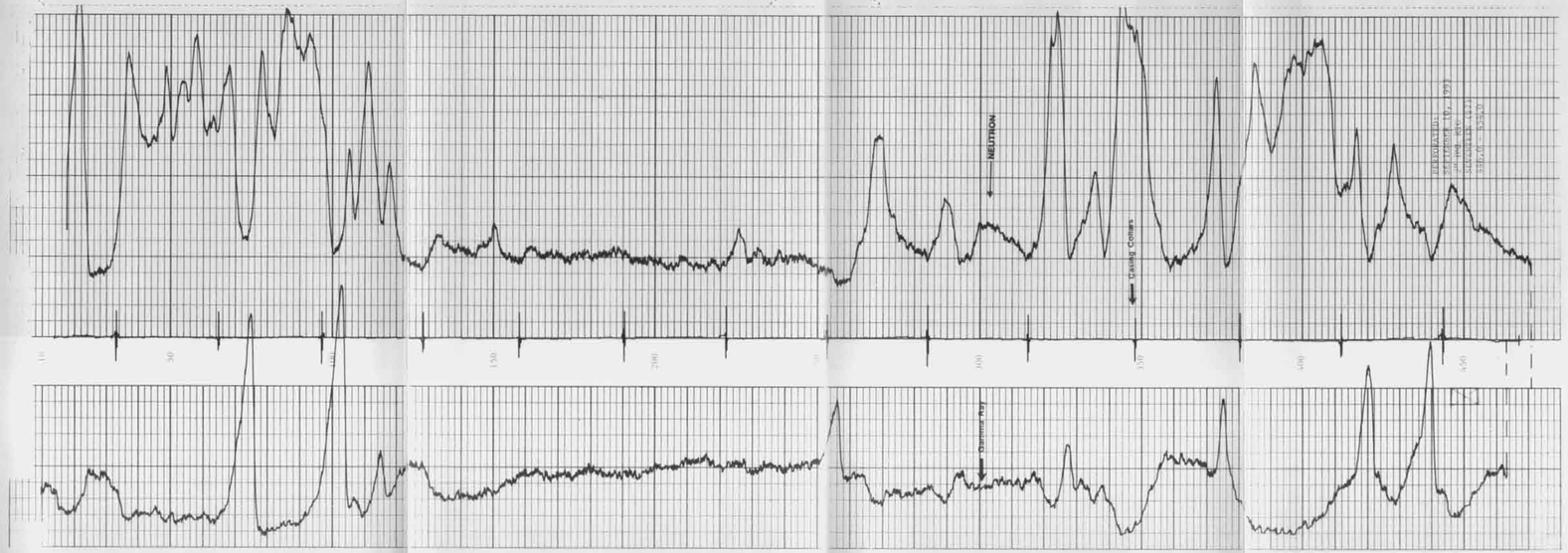
GAMMA RAY		NEUTRON	
RUN NO.	1 NW	RUN NO.	1 NW
TOOL MODEL NO.	1-1/16"	TOOL MODEL NO.	1-1/16"
DETECTOR MODEL NO.	5-1051	DETECTOR MODEL NO.	5-1051
TYPE	SCINT.	TYPE	NP-3
LENGTH	14.4"	LENGTH	14.4"
DISTANCE TO SOURCE	8.0"	SOURCE STRENGTH	1-1-2.5"
GENERAL		SERIAL NO.	1-1-3553
HOIST TRUCK NO.	NA	SPACING	13"
INSTRUMENT TRUCK NO.	102	TYPE	0024 Blu
TOOL SERIAL NO.	9303-001	STRENGTH	1 CI

LOGGING DATA

GAMMA RAY								NEUTRON			
GENERAL											
RUN NO.	DEPTHS FROM	TO	SPEED FT./MIN.	T.C. SEC.	SENS SETTINGS	ZERO DIV. OR #	API G.R. UNITS PER LOG DIV.	T.C. SEC.	SENS SETTINGS	ZERO DIV. OR #	API N. UNITS PER LOG DIV.
1	0.0	463.0	30	4.0	1-1-3553/100	10	20	4.0	1-1-3553/100	10	20

REFERENCE LITERATURE: 7.5" CENTERED

REMARKS: D.L. - COMPANY TOOLS

GAMMA RAY — DEPTH — CASING COLLARS

NEUTRON