037-20582

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MIDWEST SURVEYS

LOGGING · PERFORATING · CONSULTING SERVICES

P.O. Box 521
Fields Ranch Road
Mt. Vernon, MO 65712

FILING NO:

PERMIT # 20582

COMPANY: DEAN SHIDELER

WELL: NO. 22-A

FIELD: SHIDELER

COUNTY: CASS STATE: MISSOURI

LOCATION: 1020 FNL - 860 FEL

SEC 17 TWP 43N RGE 33W

OTHER SERVICES: CCL 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	12-20-94	12-20-94
RUN NO	1 NN	1 NN
TYPE LOG	GAMMA RAY	NEUTRON
DEPTH - DRILLER	NA	NA
DEPTH - LOGGER	367.0	367.0
BOTTOM LOGGED INTERVAL	328.0	366.0
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	D. WINDISCH	D. WINDISCH
WITNESSED BY	D. SHIDELER	D. SHIDELER

BORE-HOLE RECORD				CASING RECORD			
RUN NO.	BIT	FROM	TO	SIZE	WGT	FROM	TO
				2 7/8"		0.0	3.0

EQUIPMENT DATA

GAMMA RAY		NEUTRON	
RUN NO.	1 NN	RUN NO.	1 NN
TOOL MODEL NO.	10"	LOG TYPE	NEUTRON
TOOL TYPE		TOOL MODEL NO.	10"
DIAMETER	1 11/16"	DIAMETER	1 11/16"
DETECTOR MODEL NO.	DC-1057	DETECTOR MODEL NO.	D-1031
TYPE	GM	TYPE	HE-3
LENGTH	14" X 6"	LENGTH	18" X 6"
SOURCE MODEL NO.	8.0	SOURCE MODEL NO.	31-1-355B
SERIAL NO.		SERIAL NO.	7-1-1
STRENGTH		STRENGTH	1 1/2"
TYPE		TYPE	AM241BE
STRENGTH		STRENGTH	3 CI

GENERAL	
HOIST TRUCK NO.	NA
INTERMEDIATE PULLY NO.	10
TOOL STRING NO.	MS-0001

LOGGING DATA

GENERAL						GAMMA RAY						NEUTRON			
RUN NO.	DEPTHS FROM	DEPTHS TO	SPEED FT/MIN	T.C. SEC.	SENS. SETTINGS	ZERO DIV.	A.P.I. UNITS PER LOG DIV.	T.C. SEC.	SENS. SETTINGS	A.P.I. UNITS PER LOG DIV.	T.C. SEC.	SENS. SETTINGS	DIV. LOG R	A.P.I. UNITS PER LOG DIV.
1	10.0	366.0	20	6.0	1.85/100	01.	10		4.0	1.35/100			01.	20

REFERENCE (LITERATURE): 2 7/8" CONDUCTOR

REMARKS: D.G. DEAN SHIDELER

GAMMA RAY DEPTH NEUTRON
CASING COLLARS

GAMMA RAY T.D. 367.0
R.D. 328.0
GAMMA RAY T.D. 367.0
NEUTRON R.D. 366.0
CASINGS SET @ 2 7/8" - 0.0 - 3.0

COMPANY DEAN SHIDELER
WELL NO. 22-A
LEASE SHIDELER
COUNTY CASS, MISSOURI
DATE DECEMBER 20, 1994