G 02046

MIDWEST SURVEYS

LOGGING · PERFORATING · CONSULTING SERVICES

Pleasant Hill, Missouri 64071
Box 326
913/756-2139

FILING NO. _____

COMPANY DEAN SHIDELER

WELL NO. 12-A

FIELD SHIDELER LEASE

COUNTY CASS STATE MISSOURI

PERMIT#20,547

LOCATION: 2610.0 FNL - 1800.0 FEL

SEC. 17 TWP. 43N RGE. 33W

OTHER SERVICES: CCL PERFORATE

PERMANENT DATUM: G.L. ELEV. 1014.0

LOG MEASURED FROM G.L. FT. ABOVE PERM. DATUM

DRILLING MEASURED FROM G.L.

ELEV.: K.B. NA; D.F. NA; G.L. 1014.0

DATE	8-31-92	8-31-92
RUN NO.	1 NW	1 NW
TYPE LOG	GAMMA RAY	NEUTRON
DEPTH-DRILLER	NA	NA
DEPTH-LOGGER	359.0	359.0
BOTTOM LOGGED INTERVAL	350.0	358.0
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	D. SHIDELER	D. SHIDELER

BORE-HOLE RECORD

RUN NO.	BIT	FROM	TO

CASING RECORD

SIZE	WGT.	FROM	TO
2 7/8		0.0	T.D.

RECEIVED
SEP 23 1992

FOLD HERE

THIS READING AND LOG CONFORMS TO API RP 33

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	10.0	358.0	20	4.0	1.85/100	OL	10	4.0	1.35/100	OL	20

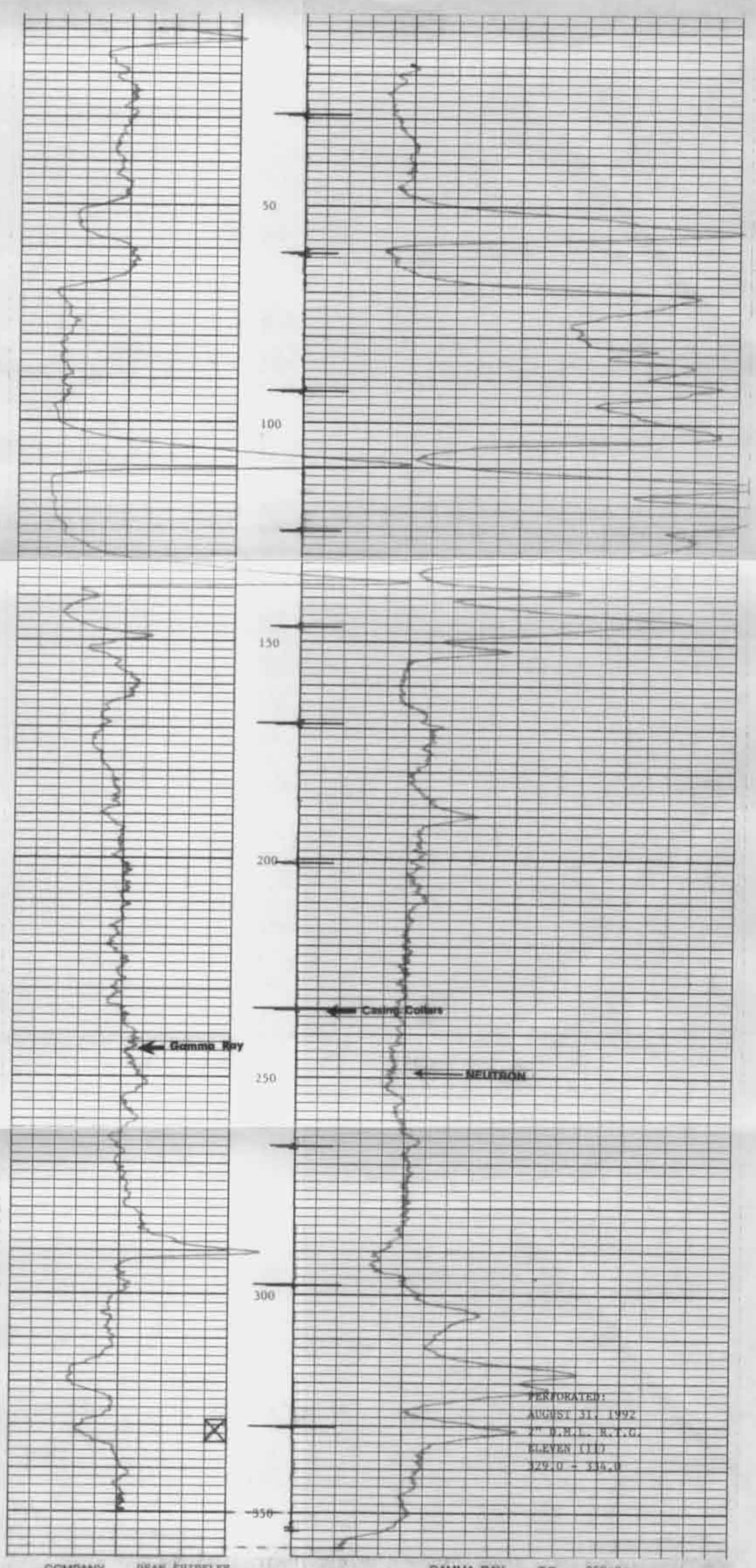
REFERENCE LITERATURE: 2 7/8" CEMENTED

REMARKS: D.C. COMPANY TOOLS

NSCO 16240

GAMMA RAY DEPTH NEUTRON

CASING COLLARS



COMPANY	DEAN SHIDELER	GAMMA RAY	T.D.	359.0
WELL	NO. 12-A	GAMMA RAY	R.D.	350.0
LEASE	SHIDELER	NEUTRON	T.D.	359.0
COUNTY	CASS, MISSOURI	NEUTRON	R.D.	358.0
DATE	AUGUST 31, 1992	CASING SET @		T.D. - 2 7/8"

MO Oil & Gas Council