CORNISH

WIRELINE SERVICES, INC.
P.O. DRAWER 11
CHANUTE, KANSAS

PHONE 431-9306

RADIOACTIVITY LOG

FILING NO.

COMPANY PENSE BROTHERS DRILLING CO., INC.

WELL LACY NO. 2-A

FIELD

COUNTY CASS STATE MISSOURI

LOCATION: NE/NE

SEC. 26 TWP. 43N RGE. 30W

OTHER SERVICES:

PERMANENT DATUM: GROUND LEVEL ELEV.

LOG MEASURED FROM: GROUND LEVEL FT. ABOVE PERM. DATUM

DRILLING MEASURED FROM: GROUND LEVEL

ELEV. K.B. D.F. G.L.

DATE	9-24-91	9-24-91	9-24-91
RUN NO.	1 NW	1 NW	1 NW
TYPE LOG	GAMMA RAY	NEUTRON	PERFORATE
DEPTH—DRILLER	475.0'	475.0'	
DEPTH—LOGGER	457.0'	457.0'	
BOTTOM LOGGED INTERVAL	451.2'	456.0'	
TOP LOGGED INTERVAL	3.0'	7.0'	
TYPE FLUID IN HOLE	WATER	WATER	WATER
SALINITY, PPM CL.			
DENSITY			
LEVEL	FULL	FULL	FULL
MAX. REC. TEMP. DEG. F.			
OPERATING RIG TIME			
RECORDED BY	SANBORN, G.	SANBORN, G.	SANBORN, G.
WITNESSED BY	PENSE, G.	PENSE, G.	PENSE, G.

RUN NO.	BIT	BORE HOLE RECORD FROM	TO	SIZE	WGT.	CASING RECORD FROM	TO
				4½"		0	T.D.

FOLD HERE

THIS HEADING AND LOG CONFORMS TO API RP 33

EQUIPMENT DATA

GAMMA RAY		NEUTRON	
RUN NO.	1 NW	RUN NO.	1 NW
TOOL MODEL NO.	9205	LOG TYPE	NEU/NEU
DIAMETER	1-11/16"	TOOL MODEL NO.	9205
DETECTOR MODEL NO.	95SC	DIAMETER	1-11/16"
TYPE	SCINT.	DETECTOR MODEL NO.	95HE
LENGTH	1"x4"	TYPE	He-3
DISTANCE TO N. SOURCE	8.5'	LENGTH	1"x6"
		SOURCE MODEL NO.	AC
GENERAL		SERIAL NO.	MRC415
HOIST TRUCK NO.	107	SPACING	13"
INSTRUMENT TRUCK NO.	107	TYPE	Am/Be
TOOL SERIAL NO.	1C	STRENGTH	6.7x10-6

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	456.0'	3'	25	2.5	10-.0	2L	20	2.0	0-.35	4L	

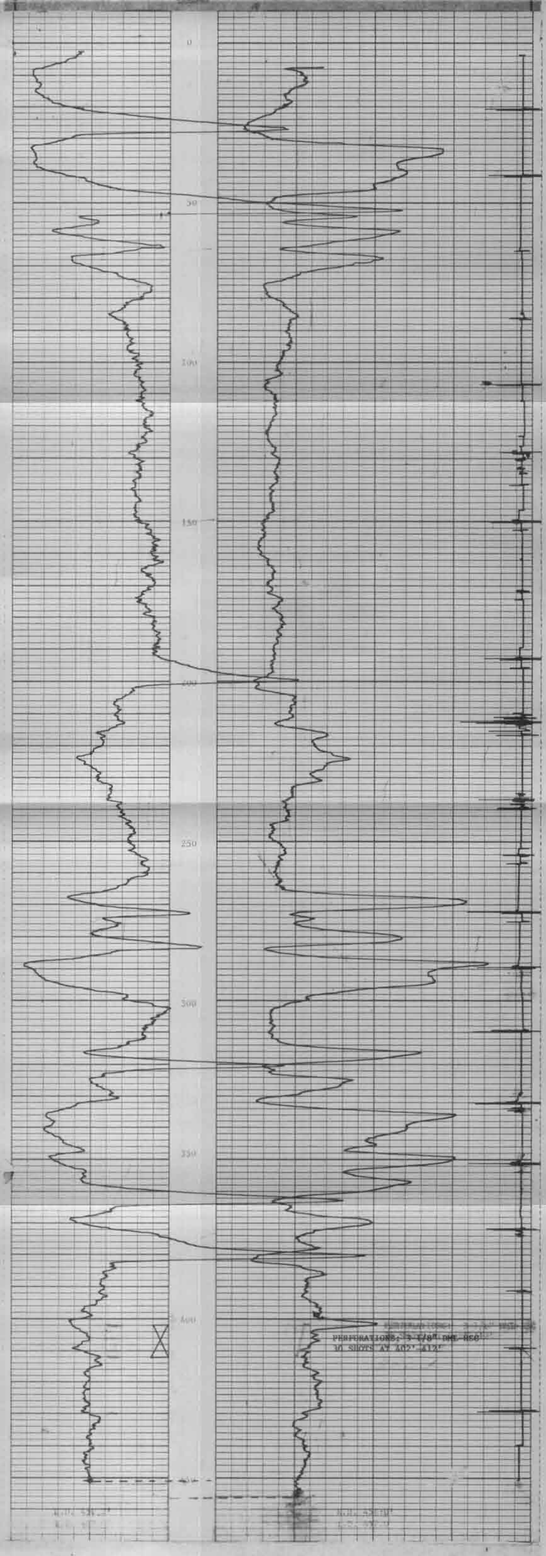
REFERENCE LITERATURE:

REMARKS:

GAMMA RAY — API UNITS

DEPTH AND CASING COLLARS

NEUTRON — API UNITS



LACY NO. 2-A

PENSE BROTHERS DRILLING CO., INC.

CASS COUNTY, MISSOURI

SEPTEMBER 24, 1991

26/43N/30W