Cass 20624

CORNISH

WIRELINE SERVICES, INC.
PHONE 431-9308 P.O. DRAWER H CHANUTE, KANSAS

RADIOACTIVITY LOG

FILING NO.

COMPANY PENSE BROTHERS DRILLING CO., INC.

WELL LEE NO. #2

FIELD

COUNTY CASS STATE MISSOURI

LOCATION: NW/4 1760'± FNL 2406'± FWL

SEC. #4 TWP. 44N RGE. 33W

OTHER SERVICES:

PERMANENT DATUM GROUND LEVEL ELEV. ____ ELEV. K.B. ____ D.F. ____ G.L. ____

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

DRILLING MEASURED FROM G.L.

DATE	10-17-96	10-17-96	
RUN NO.	1 NW	1 NW	
TYPE LOG	GAMMA RAY	NEUTRON	
DEPTH—DRILLER			
DEPTH—LOGGER	469.4'	469.4'	
BOTTOM LOGGED INTERVAL	463.6'	468.4'	
TOP LOGGED INTERVAL	3.0'	10.0'	
TYPE FLUID IN HOLE	WATER	WATER	
SALINITY, PPM CL			
DENSITY			
LEVEL	FULL	FULL	
MAX. REC. TEMP., DEG F			
OPERATING RIG TIME			
RECORDED BY	CORNISH, J.	CORNISH, J.	
WITNESSED BY	PENSE, C. BLANCETT, B.	PENSE, C. BLANCETT, B.	

RECEIVED DEC 03 1996 MO Oil & Gas Council

RUN	BORE-HOLE RECORD			CASING RECORD			
NO.	BIT	FROM	TO	SIZE	WGT.	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.	NRC615	
HOIST TRUCK NO.	105		SPACING	13"	
INSTRUMENT TRUCK NO.	105		TYPE	Am/Be	
TOOL SERIAL NO.	1C		STRENGTH	6.7X10-6	

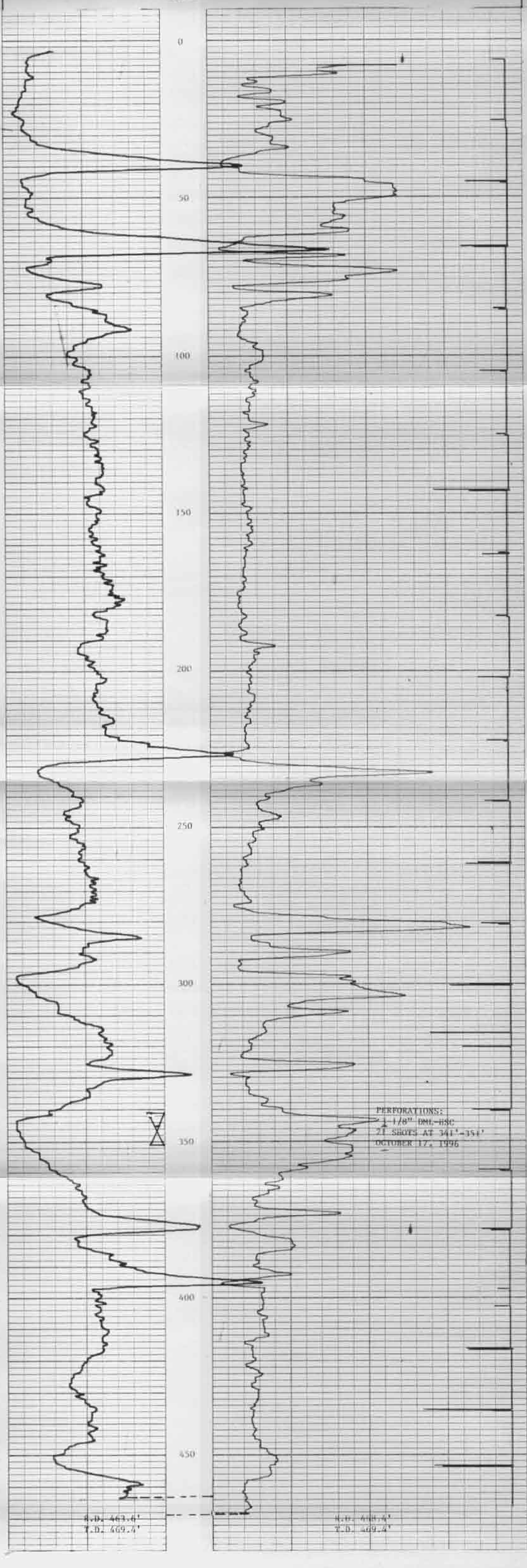
LOGGING DATA

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	963.6'	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



LEE NO. 2

PENSE BROTHERS DRILLING CO., INC.

CASS COUNTY, MISSOURI

AUGUST 16, 1996

GAMMA RAY/NEUTRN

5/44/33W