Cass 20427

CORNISH

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

RADIOACTIVITY LOG

FILING NO.

COMPANY PENSE BROTHERS DRILLING COMPANY, INC.
WELL MARKHAM NO. 1
FIELD
COUNTY CASS STATE MISSOURI

LOCATION: 671' FSL/920' FEL
SE/4 SE/4
SEC 5 TWP 43N RGE 33W

OTHER SERVICES

PERMANENT DATUM GROUND LEVEL ELEV
LOG MEASURED FROM G.L. FT. ABOVE PERM. DATUM
DRILLING MEASURED FROM G.L.

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

DATE	10-16-96	10-16-96
RUN NO.	1 NW	1 NW
TYPE LOG	GAMMA RAY	NEUTRON
DEPTH—DRILLER		
DEPTH—LOGGER	306.8'	306.8'
BOTTOM LOGGED INTERVAL	300.8'	305.8'
TOP LOGGED INTERVAL	49.0'	54.0'
TYPE FLUID IN HOLE	WATER	WATER
SALINITY, PPM CL		
DENSITY / VISC.		
LEVEL	FULL	FULL
MAX. REC. TEMP. °F		
OPERATING RIG TIME		
RECORDED BY	CORNISH, J.	CORNISH, J.
WITNESSED BY	BLANCETT, B.	BLANCETT, B.

RECEIVED
DEC 03 1996
KCC Oil & Gas Conservation

BORE-HOLE RECORD

RUN NO.	BIT	FROM	TO
1	9-5/8"	0	50'
2	6-1/4"	50'	300'

CASING RECORD

SIZE	WGT	FROM	TO
7"		0	50'
4-1/2"		0	T.D.

FOLD HERE

THIS HEADING AND LOG CONFORMS TO API RP 33

EQUIPMENT DATA

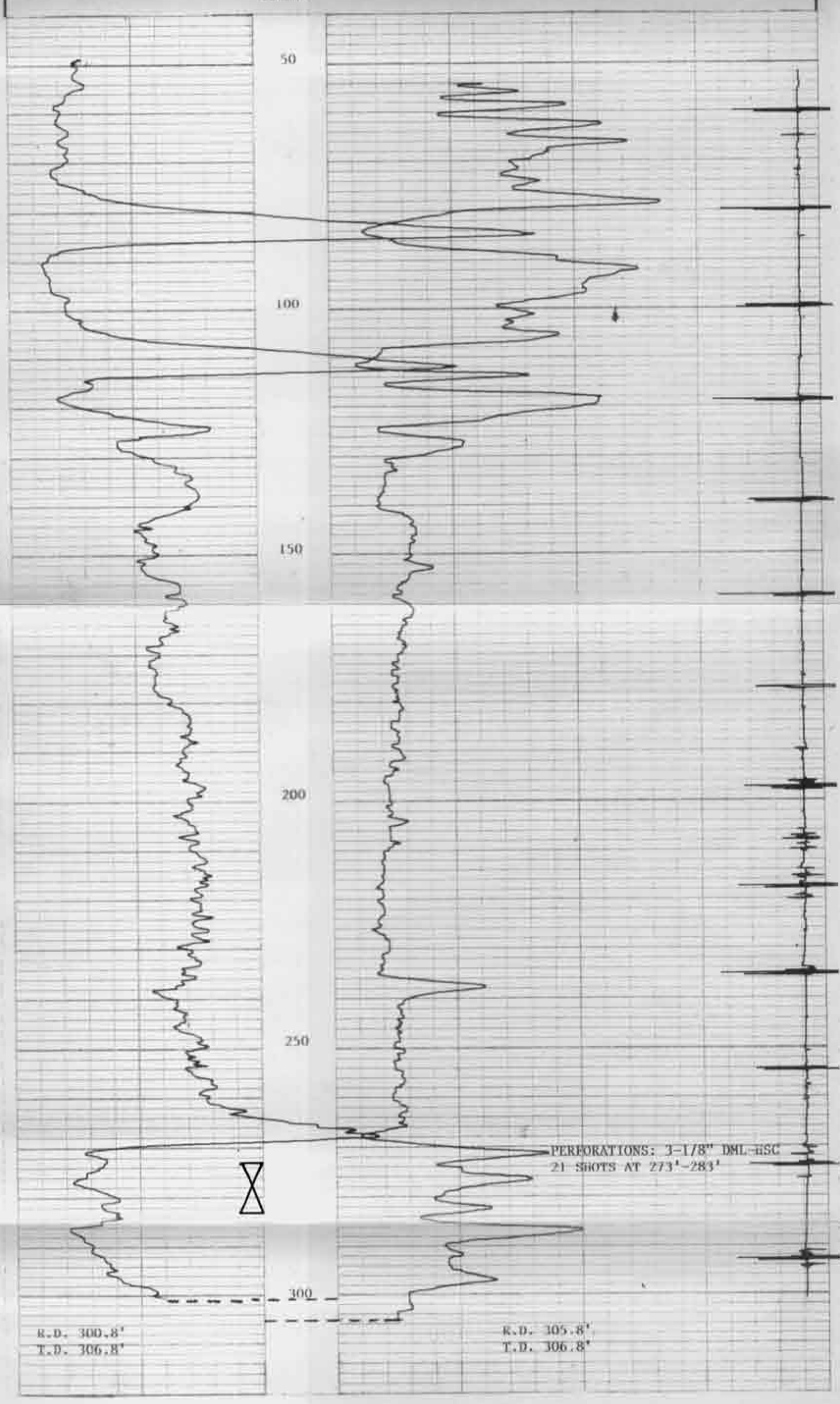
GAMMA RAY			NEUTRON		
RUN NO.	1 NW		RUN NO.	1 NW	
TOOL MODEL NO.	9205		LOG TYPE	NEU/NEU	
DIAMETER	1-11/16"		TOOL MODEL NO.	9205	
DETECTOR MODEL NO.	95SC		DIAMETER	1-11/16"	
TYPE	SCINT.		DETECTOR MODEL NO.	95HP	
LENGTH	1"X4"		TYPE	He-3	
DISTANCE TO N. SOURCE	8.5'		LENGTH	1"x6"	
			SOURCE MODEL NO.	AC	
GENERAL			SERIAL NO.	MRC415	
HOIST TRUCK NO.	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	305.8'	49'	25	2.5	10-.0	2L	25	2.5	0-.35	4L	

REFERENCE LITERATURE

REMARKS



MARKHAM NO. 1

PENSE BROTHERS DRILLING COMPANY, INC.

CASS COUNTY, MISSOURI

OCTOBER 16, 1996

GAMMA RAY/NEUTRON/PERFORATE 5/43N/33W