Cass 20626

CORNISH

WIRELINE SERVICES, INC.

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

RADIOACTIVITY LOG

FILING NO.

COMPANY PENSE BROTHERS DRILLING CO., INC.

WELL HONSINGER NO. 14

FIELD

COUNTY CASS STATE MISSOURI

LOCATION: LOT 1 OF NE/4
1693'FSL/2134'FEL

SEC 5 TWP 43N RGE 33W

OTHER SERVICES:

PERMANENT DATUM: GROUND LEVEL ELEV 960'

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	10-16-96
RUN NO.	1 NW	1 NW	1 NW
TYPE LOG	GAMMA RAY	NEUTRON	PERFORATE
DEPTH—DRILLER			
DEPTH—LOGGER	276.5'	276.5'	
BOTTOM LOGGED INTERVAL	270.7'	275.5'	
TOP LOGGED INTERVAL	50.0'	55.0'	
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	CORNISH, J.	CORNISH, J.	CORNISH, J.
WITNESSED BY	BLANCETT, B.	BLANCETT, B.	BLANCETT, B.

RECEIVED
DEC 03 1996
AO Oil & Gas Council

RUN NO.	BORE-HOLE RECORD BIT	FROM	TO	CASING RECORD SIZE	WGT.	FROM	TO
1	9-5/8"	0	50'	7"		0	50'
2	6-1/4"	50'	T.D.	4½"		0	T.D.

THIS HEADING AND LOG CONFORMS TO API RP 33

FOLD HERE

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.	105	SPACING	13"
INSTRUMENT TRUCK NO.	105	TYPE	Am/Be
TOOL SERIAL NO.	1C	STRENGTH	6.7X10-6

LOGGING DATA

GENERAL RUN NO.	DEPTHS FROM	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	275.5'	50'	25	2.5	10-.0	2L	20	2.0	0-.35	4L	

REFERENCE LITERATURE:

REMARKS:

HONSINGER NO. 14

PENSE BROTHERS DRILLING COMPANY, INC.

CASS COUNTY, MISSOURI

OCTOBER 16, 1996

GAMMA RAY/NEUTRON/PERFORATE

5/43N/33W