G 2042

OGC # 20543

CORNISH WIRELINE SERVICES, INC.

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

RADIOACTIVITY LOG

FILING NO.	
COMPANY	PENSE BROTHERS DRILLING COMPANY
WELL	GUNNELS NO. 1
FIELD	
COUNTY	CASS
STATE	MISSOURI
LOCATION	W/2 SE/4
SEC	22
TWP	44N
RGE	33W
OTHER SERVICES	3-1-92:COMPENSATED DENSITY
PERMANENT DATUM	GROUND LEVEL
ELEV	982'
LOG MEASURED FROM	G.L.
FT. ABOVE PERM. DATUM	
DRILLING MEASURED FROM	G.L.
ELEV. K.B.	
D.F.	
G.L.	982'

DATE	3-14-92	3-14-92	3-14-92
RUN NO.	2 NW	2 NW	2 NW
TYPE LOG	GAMMA RAY	NEUTRON	PERFORATE
DEPTH—DRILLER	752.0'	752.0'	
DEPTH—LOGGER	704.8'	704.8'	
BOTTOM LOGGED INTERVAL	698.8'	703.8'	
TOP LOGGED INTERVAL	5.0'	9.0'	
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, BLANCETT REVENKO	PENSE, BLANCETT REVENKO	PENSE, BLANCETT REVENKO

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

RECEIVED
MAR 26 1992
MO Oil & Gas Council

FOLD HERE — THIS HEADING AND LOG CONFORMS TO API RP 33

EQUIPMENT DATA

GAMMA RAY			NEUTRON		
RUN NO.	2 NW		RUN NO.	2 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				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.
2	703.8'	5'	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

GUNNELS NO. 1
PENSE BROTHERS DRILLING COMPANY
CASS COUNTY, MISSOURI
MARCH 14, 1992 — 22/44N/33W