MIDWEST SURVEYS
Logging Specialists
Pleasant Hill, Missouri
Phone 816-987-2000

FILING NO.

COMPANY: D.G. Exploration, Inc.
WELL: #-10
FIELD: Bolton Unit
COUNTY: Cass
STATE: Missouri

Permit # 20687

LOCATION: 4230 FSL - 3410 FEL
SEC. 16 TWP. 46N RGE. 33W

PERMANENT DATUM: Grd.
ELEV.: 0.0
LOG MEASURED FROM: Grd.
DRILLING MEASURED FROM: Grd.
ELEV.: K.B. NA D.F. NA G.L. NA
ft. ABOVE PERM. DATUM

OTHER SERVICES: Perforator

RUN NO.	1 NW		
BIT	6 1/2"		
FROM	0.0		
TO	621.0		
BORE-HOLE RECORD		CASING RECORD	
RUN NO.	1 NW	RUN NO.	1 NW
BIT	6 1/2"	SIZE	5-5/8-20000
FROM	0.0	WGT.	14#
TO	621.0	GRADE	Seamless Reg.
		CSG. SHOE	621.0
		CEMENT TOP	NA
		CEMENT BOTTOM	621.0
		PERF. FROM	78.0
		PERF. TO	621.0
		PERF. DIA.	3 1/8"
		PERF. TYPE	Decker
		DENSITY	NA
		FLUID LEVEL	NA
		MAX. RECORD	NA
		OPERATING RIG TIME	NA
		MAX. RECORDED TEMP.	NA
		OPERATING RIG TIME	NA
		RECORDED BY	R. Williams
		WITNESSED BY	R. Eldridge

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.	102	LOG TYPE	NEU/NEU
DIAMETER	1 11/16"	TOOL MODEL NO.	102
DETECTOR MODEL NO.	E-1057	DIAMETER	1 11/16"
TYPE	SCINT.	DETECTOR MODEL NO.	E-1031
LENGTH	14" x 4"	TYPE	HE-3
DISTANCE TO W. SOURCE	8.0	LENGTH	14" x 4"
GENERAL		SOURCE MODEL NO.	71-1
MOIST TRUCK NO.	NA	SERIAL NO.	71-1-3558
INSTRUMENT TRUCK NO.	102	SPACING	13"
TOOL SERIAL NO.	MS-0001	TYPE	Am/241Be
		STRENGTH	3 Ci

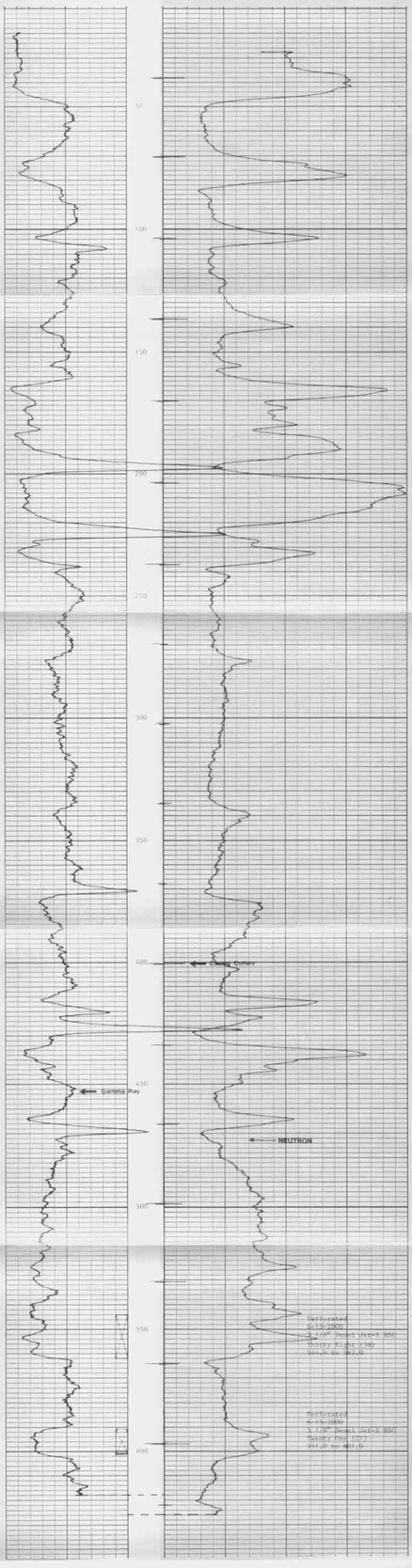
LOGGING DATA

GENERAL				GAMMA RAY				NEUTRON			
RUN NO.	DEPTHS FROM	DEPTHS TO	SPEED FT/MIN	T/C SEC.	SENS SETTINGS	ZERO DIV. OR %	API G.R. UNITS PER LOG DIV.	T/C SEC.	SENS SETTINGS	ZERO DIV. OR %	API N. UNITS PER LOG DIV.
1	20.0	626.0	20	4.0	1.83/100	OL	10	4.0	1.25/100	OL	20

REFERENCE LITERATURE: 4 1/2" Cemented

REMARKS: D.G. Evans Energy & Development, Inc.

GAMMA RAY DEPTH NEUTRON
CASING
COLLARS



COMPANY	D.G. Exploration, Inc.	GAMMA RAY T.D.	621.0
WELL	#-10	GAMMA RAY R.D.	618.0
LEASE	Bolton Unit	NEUTRON T.D.	622.0
COUNTY	Cass, Missouri	NEUTRON R.D.	619.0
DATE	6-15-2000	CASING SET @	4 1/2" - 14#