MIDWEST SURVEYS
LOGGING · PERFORATING · CORING · TEST SERVICES
P.O. BOX 1128
PITTSBURG, KANSAS 66762
316-231-7772

FILING NO.

COMPANY: D.E. Exploration, Inc.
WELL: CH-1-2
FIELD: Clark-Berry Lease
COUNTY: Cass
STATE: Missouri
LOCATION: 1815.0 FSL - 2255.0 FEL
SEC. 16 TWP. 46N RGE. 33W
OTHER SERVICES: CCL PERFORATE

Permit # 20670

PERMANENT DATUM: G.L. ELEV. NA
LOG MEASURED FROM: G.L. FT. ABOVE PERM. DATUM
DRILLING MEASURED FROM: G.L.

ELEV.: K.B. NA, D.F. NA, G.L. NA

NOV 08 1999

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/SDU
DIAMETER	1 11/16"	TOOL MODEL NO.	102
DETECTOR MODEL NO.	E-1037	DIAMETER	1 11/16"
TYPE	SciInt.	DETECTOR MODEL NO.	E-1031
LENGTH	1" x 4"	TYPE	HE-3
DISTANCE TO N. SOURCE	8.0	LENGTH	1" x 6"
GENERAL		SOURCE MODEL NO.	21-1
HOIST TRUCK NO.	NA	SERIAL NO.	71-1-355B
INSTRUMENT TRUCK NO.	102	SPACING	13"
TOOL SERIAL NO.	MS-0001	TYPE	Am241Be
		STRENGTH	3 Ci

LOGGING DATA

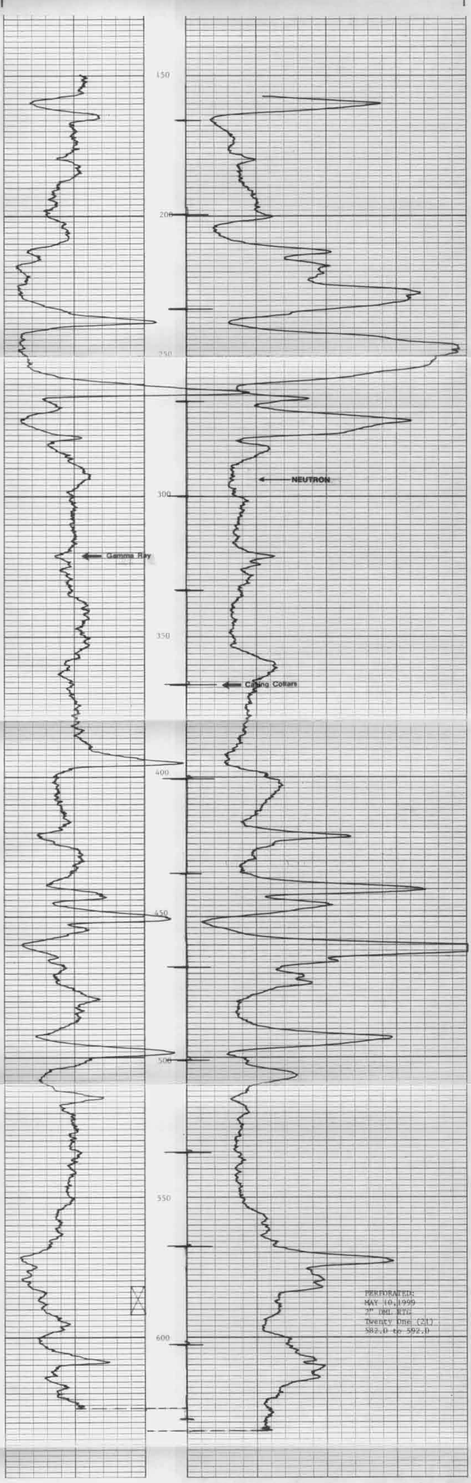
GENERAL				GAMMA RAY					NEUTRON				
RUN NO	DEPTHS FROM	DEPTHS TO	SPEED FT/MIN	T.C. SEC.	SENS SETTINGS	ZERO DIV. L OR R	API G.R. UNITS PER LOG DIV.	T.C. SEC.	SENS SETTINGS	ZERO DIV. L OR R	API N. UNITS PER LOG DIV.
1	150.0	633.0	20	40	1.85/100	OL	10	40	1.35/100	OL	20

REFERENCE LITERATURE: 2 7/8" Cemented

REMARKS: Hughes Drilling Company

MWD 10246

GAMMA RAY — DEPTH — NEUTRON
CASING
COLLARS



COMPANY	D.E. Exploration	GAMMA RAY T.D.	634.0
WELL	CH-1-2	GAMMA RAY R.D.	625.0
LEASE	Clark-Berry	NEUTRON T.D.	634.0
COUNTY	Cass, Missouri	NEUTRON R.D.	633.0
DATE	5/3/99	CASING SET @	T.D. 2 7/8"