037-20700

MIDWEST SURVEYS
P. O. BOX 1 - PHONE (816) 229-0449
Paola, Kansas 66071
Lic. No. 1-1-1-1-1-1

FOLD NO.

COMPANY D.K. Exploration, Inc.
WELL RI-3
FIELD Belton Unit
COUNTY Cass STATE Missouri

Permit # 20700

LOCATION: SW 1/4 SEC 09 TWP 46N RNG 33W
4010 FSL - 2790 FEL
ELEV. 0.0 GL
ELEV. 0.0 KB
ELEV. 0.0 DF
ELEV. 0.0 GL
DRILLING MEASURED FROM: KB
PERMANENT DATUM: GL
DATE 9-20-2000
TYPE FLUID Clear Water
DEPTH - DRILLER 634.0
DEPTH - LOGGER 634.0
BOTTOM LOGGED INTERVAL 634.0
TOP LOGGED INTERVAL 20.0
CASING - DRILLER 20.0 @ 20.0
CASING - LOGGER 20.0
BIT SIZE 7 7/8
TYPE FLUID IN HOLE Clear Water
DENSITY / VISC. NA / NA
MAX. REC. TEMP. DEG. F NA
EQUIP. LOCATION Fort Scott
RECORDED BY S. Mitchell
WITNESSED BY D. Evans

ZONE MARKERS
Perforated

RUN NO. 1 NW
DRILLER'S MEASUREMENTS MADE FROM: KB
DATE 9-20-2000
TYPE FLUID IN HOLE Clear Water
DENSITY / VISC. NA / NA
MAX. REC. TEMP. DEG. F NA
EQUIP. LOCATION Fort Scott
RECORDED BY S. Mitchell
WITNESSED BY D. Evans

BORE-HOLE RECORD

RUN NO.	BIT	FROM	TO
1	7 7/8	0.0	T.D.

CASING RECORD

SIZE	WGT	TO
4 1/2	10.5	T.D.

FOLD HERE

THIS READING 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	1" x 4"	TYPE	HE-3
DISTANCE TO N. SOURCE	8.0	LENGTH	1" x 6"
		SOURCE MODEL NO.	71-1
GENERAL		SERIAL NO.	71-1-3558
HOIST TRUCK NO.	NA	SPACING	13"
INSTRUMENT TRUCK NO.	102	TYPE	Am241Be
TOOL SERIAL NO.	MS-0001	STRENGTH	3 Ci.

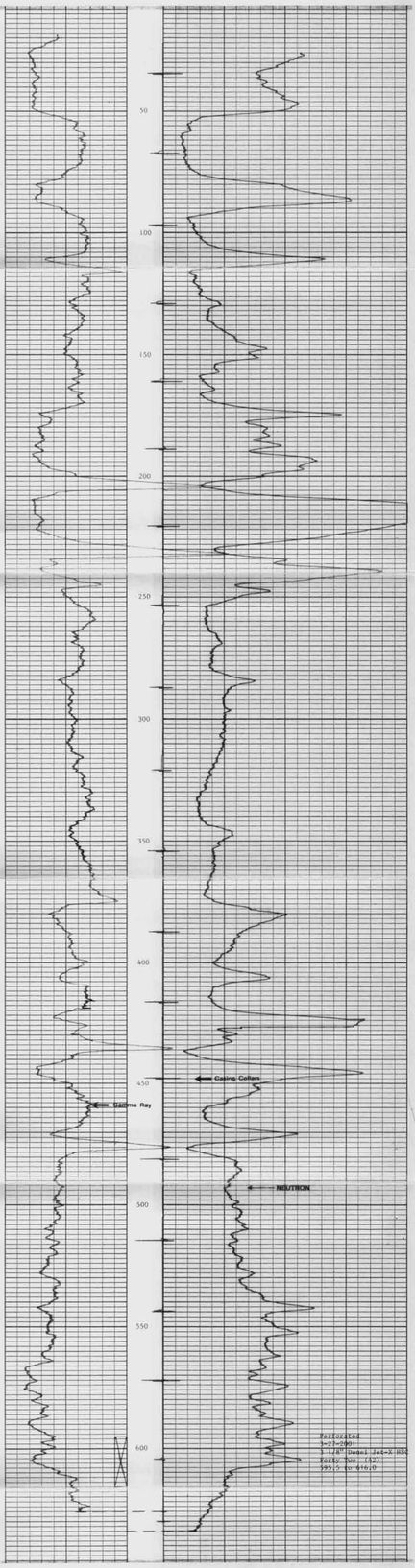
LOGGING DATA

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	634.0	20	4.0	1.85/100	OL	10	4.0	1.35/100	OL	20

REFERENCE LITERATURE 4 1/2" Cemented

REMARKS D.C. Evans Energy & Development

GAMMA RAY DEPTH NEUTRON
CASING COLLARS



COMPANY	D.K. Exploration, Inc.	GAMMA RAY	T.D.	635.0
WELL	No. RI-3	GAMMA RAY	R.D.	628.0
LEASE	Belton Unit	NEUTRON	T.D.	635.0
COUNTY	Cass, Missouri	NEUTRON	R.D.	634.0
DATE	9-20-2000	CASING SET @		4 1/2" - T.D.