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APR 17 2000
MO Oil & Gas Council

MIDWEST SURVEYS
Wireline Services
P.O. Box 1000
Fredonia, KS 66736
(316) 378-4148

FILING NO.

PERMIT # 20680

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

LOCATION: SEC. 9 TWP. 46n RGE. 33w
1770 FSL - 2970 FEL

OTHER SERVICES: CCL Perforate

PERMANENT DATUM: G.L.
LOG MEASURED FROM: G.L.
DRILLING MEASURED FROM: G.L.
ELEV. N.A. N.A. N.A.
AT ABOVE PERM. DATUM: ELEV. N.A. N.A. N.A.

BORE-HOLE RECORD

RUN NO.	BIT	FROM	TO	SIZE	TYPE FLUID IN HOLE	DENSITY	LEVEL	MAX. REC. TEMP. DEG F	ESTIMATED CEMENT TOP	TIME SINCE CIRCULATION	TIME SINCE PUMPING
1	1	0.0	650.0	6 3/4	Water	NA	NA	NA	NA	NA	NA

CASING RECORD

RUN NO.	SIZE	WGT.	GRADE	TOP	BOTTOM
1	4 1/2"	9.5#	J-55	G.L.	650.0

RECORDED BY: S. Lenhart
WITNESSED BY: D. Evans

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	7' x 4"	TYPE	HE-3
DISTANCE TO N. SOURCE	8.0	LENGTH	7" x 6"
		SOURCE MODEL NO.	71-1
		SERIAL NO.	71-1-3558
		SPACING	13"
		TYPE	Am241Be
		STRENGTH	3 Ci

GENERAL	
HOIST TRUCK NO.	NA
INSTRUMENT TRUCK NO.	102
TOOL SERIAL NO.	MO-0001

LOGGING DATA

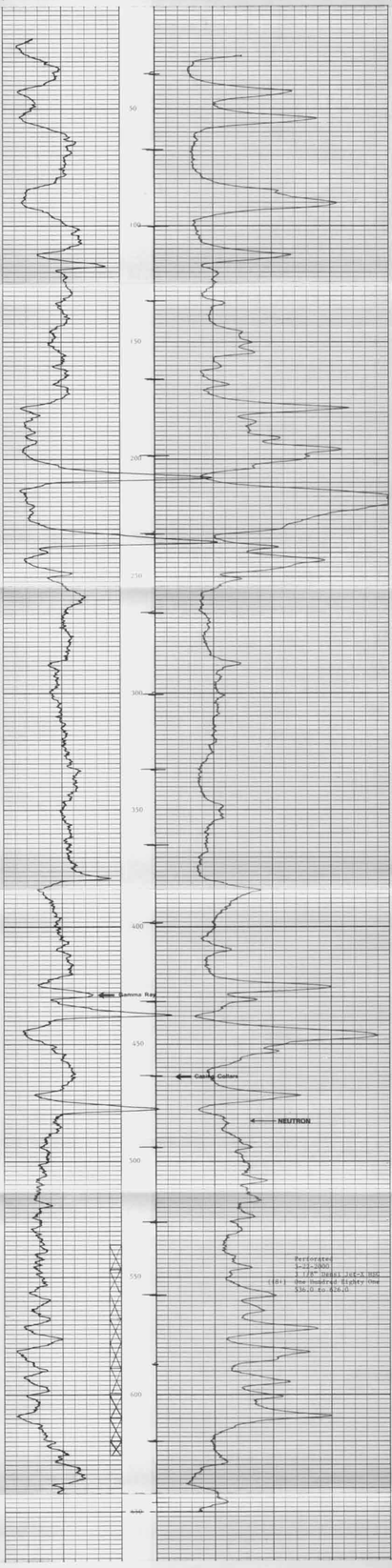
GENERAL				GAMMA RAY					NEUTRON			
RUN NO.	DEPTHS FROM	DEPTHS TO	SPEED FT/MIN.	T.C. SEC.	SENS SETTINGS	ZERO DIV. | OR R	API G.R. UNITS PER LOG DIV.	T.C. SEC.	SENS SETTINGS	ZERO DIV. | OR R	API N. UNITS PER LOG DIV.
1	20.0	650.0	20	4.0	1.85/100	OL	10	4.0	1.35/100	OL	20

REFERENCE LITERATURE: 4 1/2" Cemented

REMARKS: D.K. Evans Energy & Development

NAGTA-REV.

GAMMA RAY | DEPTH | NEUTRON
CASING COLLARS



COMPANY	D.K. Exploration, Inc.	GAMMA RAY T.D.	651.0
WELL	K-3	GAMMA RAY R.D.	642.0
LEASE	Belton Unit	NEUTRON T.D.	651.0
COUNTY	Cass, Missouri	NEUTRON R.D.	630.0
DATE	3-1-2000	CASING SET @	4 1/2" - 3.8#