MIDWEST SURVEYS
Wireline Services
P.O. Box 1
Fort Scott, Kansas 66701

Permit No.

COMPANY: D.K. Exploration, Inc.
WELL: 6-12
FIELD: Belton Unit
COUNTY: Cass
STATE: Missouri

Permit # 20689

LOCATION: 5110 FSL - 3410 FEL
SEC. 16 TWP. 46N RGE. 33W

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

OTHER SERVICES: CCL Perforated

DATE: 5-30-2000
RUN NO: 1
TYPE LOG: Gamma Ray Neutron
DEPTH-DRILLER: 642.0
DEPTH-LOGGER: 644.0
BTM. LOG INTERVAL: 640.0
TOP LOGGED INTERVAL: 20.0
CASING-DRILLER: 4 1/2" @ 20.0
CASING-LOGGER: NA
BIT SIZE: 6 3/4"
TYPE FLUID IN HOLE: Water
DENSITY: NA
LEVEL: Full
MAX. REC. TEMP. DEG.F: NA
ESTIMATED CEMENT TOP: NA
WITNESS: NA
RECORDED BY: D. Evans
WITNESSED BY: D. Evans

BORE-HOLE RECORD

BIT NO.	FROM	TO	SIZE	WGT.
1	0.0	642.0	6 3/4"	T.D.

CASING RECORD

SIZE	WGT.	FROM	TO
4 1/2"	T.D.	0.0	T.D.

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(NBI)
DIAMETER	1 11/16"	TOOL MODEL NO.	102
DETECTOR MODEL NO.	E-1031	DIAMETER	1 11/16"
TYPE	SCINT.	DETECTOR MODEL NO.	E-1031
LENGTH	x 6"	TYPE	BF-3 6"
DISTANCE TO N. SOURCE	2.0	LENGTH	1" x 6"
GENERAL		SOURCE MODEL NO.	71-1
HOIST TRUCK NO.	NA	SERIAL NO.	71-1-3558
INSTRUMENT TRUCK NO.	102	SPACING	13"
TOOL SERIAL NO.	MS-0001	TYPE	4824188
		STRENGTH	3 Ci.

LOGGING DATA

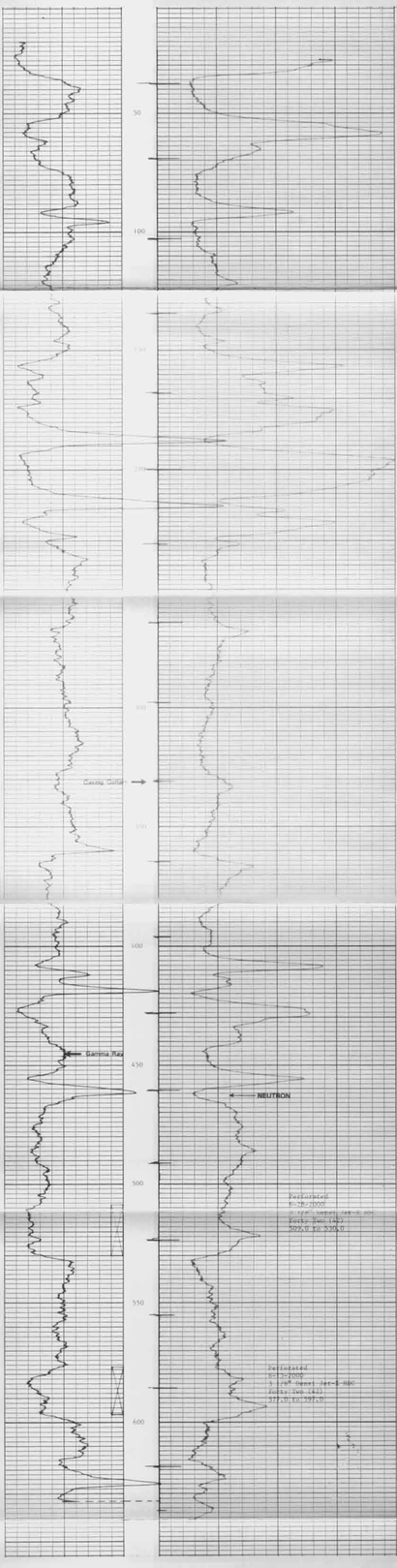
GENERAL				GAMMA RAY					NEUTRON				
RUN NO.	DEPTHS FROM	DEPTHS TO	SPEED FT/MIN	T.C. SEC	SENS SETTINGS	ZERO DIV. 1 OR 8	API G.R. UNITS PER LOG DIV.		T.C. SEC	SENS SETTINGS	ZERO DIV. 1 OR 8	API N. UNITS PER LOG DIV.
1	20.0	641.0	20	60	1.85/100	OL	10		2.0	1.35/100	OL	20

REFERENCE LITERATURE: 4 1/2" Cemented

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

GAMMA RAY — DEPTH — NEUTRON

CASING COLLARS



COMPANY	D.K. Exploration, Inc.	GAMMA RAY T.D.	642.0
WELL	6-12	GAMMA RAY R.D.	633.0
LEASE	Belton Unit	NEUTRON T.D.	642.0
COUNTY	Cass, Missouri	NEUTRON R.D.	641.0
DATE	5-30-2000	CASING SET @	4 1/2" - T.D.