MIDWEST SURVEYS
Wireline Services
P.O. Box 1031
Liberal, Kansas 67901
316 624-2234

FILING NO.
Permit # 20684

COMPANY: D.E. Exploration, Inc.
WELL: R-7
FIELD: Bolton Unit
COUNTY: Cass STATE: Missouri

LOCATION: 4570 FSL - 2485 FEL
SEC. 9 TWP. 46N RGE. 33W

PERMANENT DATUM: G.L.
LOG MEASURED FROM: G.L.
DRILLING MEASURED FROM: G.L.
ELEV. N.A.
G.L. NA
D.F. NA
K.B. NA

OTHER SERVICES: CCL Perforated

DATE	5-30-2000	5-30-2000	
RUN NO.	ONE	TWO	
TYPE LOG	GR	NEUTRON	
DEPTH-DRILLER	NA	645.0	
DEPTH-LOGGER	NA	643.0	
BOTTOM LOGGED INTERVAL	NA	643.0	
TOP LOGGED INTERVAL	NA	0.0	
CASING-DRILLER	4 1/2" @ 0.0	4 1/2" @ 0.0	
CASING-LOGGER	NA	0.0	
BIT SIZE	6 3/4"	6 3/4"	
TYPE FLUID IN HOLE	Air	Air	
DENSITY / VISC.	NA	NA	
PH / FLUID LOSS	NA	NA	
SOURCE OF SAMPLE	Air Stripper	Air Stripper	
RM @ MEAS. TEMP.	NA	NA	
RMF @ MEAS. TEMP.	NA	NA	
RMC @ MEAS. TEMP.	NA	NA	
RM @ BHT	NA	NA	
TIME CIRC. STOP	NA	NA	
TIME LOGGER ON BOTTOM	NA	NA	
LOGGING UNIT NO.	67	67	
RECORDED BY	D. Evans	D. Evans	
WITNESSED BY			

BORE-HOLE RECORD

RUN NO.	BIT NO.	FROM	TO	SIZE

CASING RECORD

SIZE	WGT.	FROM	TO
4 1/2"	9.5	0.0	5.0

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	1" x 4"	TYPE	BF-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	5 CI.

LOGGING DATA

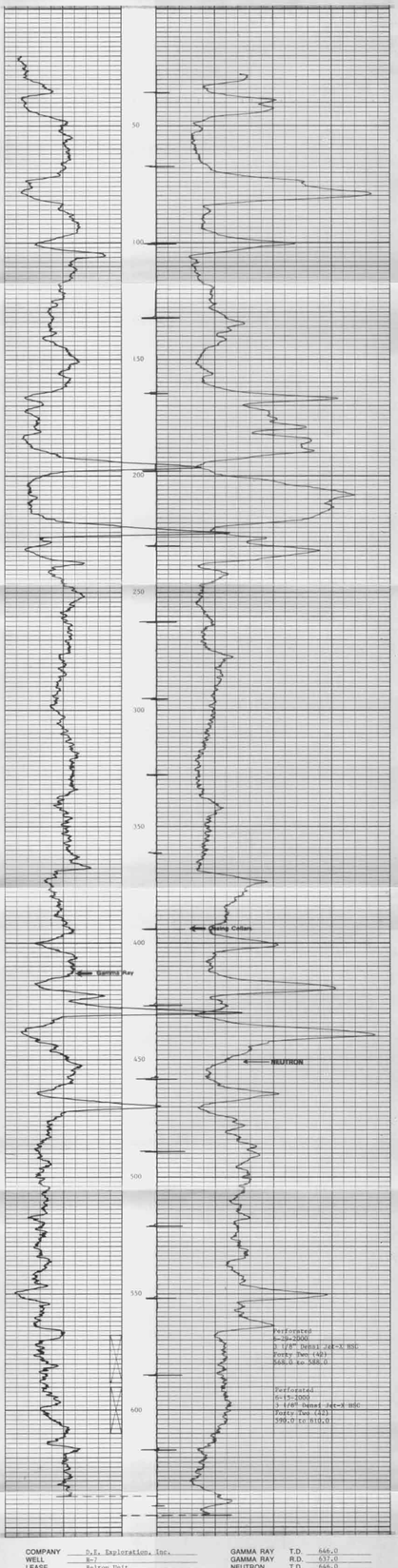
GENERAL				GAMMA RAY					NEUTRON			
RUN NO.	DEPTHS FROM	TO	SPEED FT/MIN	T.C. SEC.	SENS. SETTINGS	ZERO DIV. 1 OR 8	API G.R. UNITS PER LOG DIV.	T.C. SEC.	SENS. SETTINGS	ZERO DIV. 1 OR 8	API N. UNITS PER LOG DIV.
1	20.0	643.0	20	4.0	1.85/100	OL	10	4.0	1.35/100	OL	20

REFERENCE LITERATURE: 4 1/2" Cemented

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

NUCLEAR HEAT

GAMMA RAY DEPTH NEUTRON
CASING
COLLARS



COMPANY	D.E. Exploration, Inc.	GAMMA RAY T.D.	646.0
WELL	R-7	GAMMA RAY R.D.	637.0
LEASE	Bolton Unit	NEUTRON T.D.	646.0
COUNTY	Cass, Missouri	NEUTRON R.D.	643.0
DATE	5-30-2000	CASING SET @	4 1/2" - T.D.