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MO Oil & Gas Coun

MIDWEST SURVEYS
LICENSED WELL LOGGING SERVICES
Phone Number (816)
Box 200
Oregon, Missouri 64473

FILING NO.

PERMIT # 20681

COMPANY: D.K. Exploration, Inc.
WELL: B-4
FIELD: Belton Unit
COUNTY: Cass STATE: Missouri

LOCATION: 3745 FSL - 1980 FEL
SEC 4-16 TWP 46n RGE 33w

OTHER SERVICES: CCL Perforate

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

DATE	3-13-2000	3-13-2000
RUN NO.	1 NW	1 NW
TYPE LOG	Gamma Ray	Neutron
DEPTH-DRILLER	NA	NA
DEPTH-LOGGER	654.0	654.0
BOTTOM LOGGED INTERVAL	645.0	653.0
TOP LOGGED INTERVAL	20.0	28.0
TYPE FLUID IN HOLE	Water	Water
SALINITY, PPM Cl	NA	NA
DENSITY	NA	NA
LEVEL	Full	Full
MAX REC. TEMP. DEG F	NA	NA
OPERATING RIG TIME	NA	NA
RECORDED BY	D. Windisch	D. Windisch
WITNESSED BY	D. Evans	D. Evans

RUN NO.	BIT	BORE-HOLE RECORD FROM	TO	SIZE	WGT	CASING RECORD FROM	TO
				6 1/2		0.0	7.0

FOLD HERE

THIS STRAIGHT AND GOOD CONTRACT TO API RP 33

EQUIPMENT DATA

GAMMA RAY

RUN NO.	1 NW
TOOL MODEL NO.	1111-1
TOOL SERIAL NO.	SC-101
DIAMETER	1 1/2"
DETECTOR MODEL NO.	4-01
LENGTH	4' 8 3"
DISTANCE TO SOURCE	4.0

GAMMA RAY

HOLE TRUCK NO.	NA
INSTRUMENT TRUCK NO.	102
CABLE SIZE	3/8-001

NEUTRON

RUN NO.	1 NW
TOOL MODEL NO.	1111-1
TOOL SERIAL NO.	SC-101
DETECTOR MODEL NO.	4-01
TYPE	3
DIAMETER	1 1/2"
SOURCE MODEL NO.	4-01
STRENGTH	3 Ci
SPACING	1 1/2"
TYPE	3-5/8
DIAMETER	4 1/2"

LOGGING DATA

GAMMA RAY

RUN NO.	LOGGED FROM	TO	SPEED FT/MIN	F/C	SENS. CPS/FS	FREQ.	ATT/S & UNITS CPS/FS	TC SECS	SENS. CPS/FS
1 NW	20.0	653.0	30	4-01	1,000/100	30.	10	4-01	1,000/100

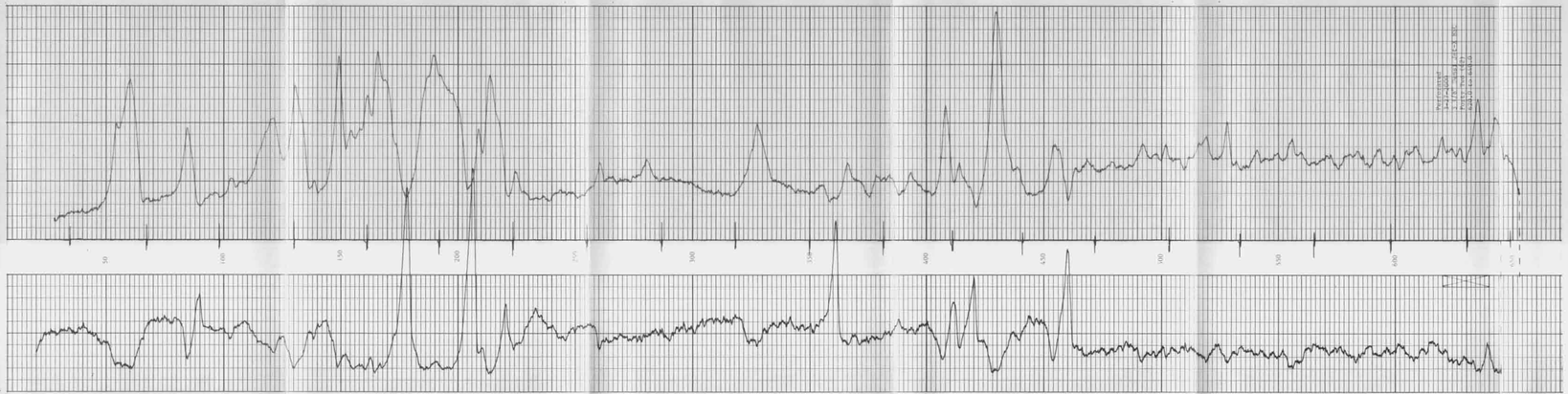
NEUTRON

SPEED FT/MIN	F/C	SENS. CPS/FS	FREQ.	ATT/S & UNITS CPS/FS	TC SECS	SENS. CPS/FS
30	4-01	1,000/100	30.	10	4-01	1,000/100

REFERENCE LICENSE/CAL. 4 1/2" Cemented

REMARKS: D.K. Evans Energy & Development

GAMMA RAY DEPTH NEUTRON
CASING
COLLARS



GAMMA RAY	T.D. 654.0
GAMMA RAY	F.D. 654.0
NEUTRON	F.D. 653.0
NEUTRON	F.D. 653.0
CASING SET @	4 1/2"-7.0

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