DSC #21204

MIDWEST SURVEYS
LICENSED PRODUCTION WELL SERVICES
Phone: Kansas 68071
Kansas City, Missouri 64105

RUN NO.

COMPANY: MACK COLT, INC.
WELL: NO. 54-F
FIELD: SOUTH BROKEN LEASE
COUNTY: JACKSON CO.
STATE: MISSOURI
LOCATION: SE 1/4 SE 1/4 SEC. 31 TWP. 33S RGE. 33W
675 FEL 478 FSL
ELEV. N/A
OTHER SERVICES: CCL

RECEIVED NOV 14 1988 MO Oil & Gas Council Economic Geology

PERMANENT DATUM: Grnd.
LOG MEASURED FROM: Grnd.
DRILLING MEASURED FROM: Grnd.
ft. ABOVE PERM. DATUM

BOR. 1.8 NA
D.F. NA
G.L. NA

RUN NO.	BIT	BOR-HOLE RECORD FROM	TO	SIZE	CASING RECORD WGT	FROM	TO
				2 7/8		0.0	T.D.

DATE	9-28-88
RUN NO.	ONE
DATA FROM	GAMMA RAY
DEPTH—DRILLER	NA
DEPTH—LOGGER	580.0
BOT. LOGGED INTERVAL	580.0
TOP LOGGED INTERVAL	50.0
TYPE FLUID IN HOLE	SALTWTR
MAX. REC. TEMP. °C	NA
DENSITY	NA
VISCOSITY	NA
PH	NA
FLUID LOSS	NA
SOURCE OF SAMPLE	FULL
RM @ MEAS. TEMP.	NA
RMF @ MEAS. TEMP.	NA
RMC @ MEAS. TEMP.	NA
RM @ BHT	NA
TIME SINCE CIRC.	NA
MAX. REC. TEMP. °F	NA
EQUIP. LOCATION	FULL
RECORDED BY	S. MIDDLETON
WITNESSED BY	G. VINCENT

DATE	9-28-88
RUN NO.	ONE
DATA FROM	GAMMA RAY
DEPTH—DRILLER	NA
DEPTH—LOGGER	580.0
BOT. LOGGED INTERVAL	580.0
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TYPE FLUID IN HOLE	SALTWTR
MAX. REC. TEMP. °C	NA
DENSITY	NA
VISCOSITY	NA
PH	NA
FLUID LOSS	NA
SOURCE OF SAMPLE	FULL
RM @ MEAS. TEMP.	NA
RMF @ MEAS. TEMP.	NA
RMC @ MEAS. TEMP.	NA
RM @ BHT	NA
TIME SINCE CIRC.	NA
MAX. REC. TEMP. °F	NA
EQUIP. LOCATION	FULL
RECORDED BY	S. MIDDLETON
WITNESSED BY	G. VINCENT

FIELD HERE

DATE READING AND LOG COMPARED TO API RP 33

EQUIPMENT DATA

GAMMA RAY		NEUTRON	
RUN NO.	1 NW	RUN NO.	1 NW
TOOL MODEL NO.	102	LOG TYPE	NEUTRON
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
		SERIAL NO.	71-1-355B
		SPACING	13"
		TYPE	Am241Be
		STRENGTH	3 CI

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

LOGGING DATA

GENERAL				GAMMA RAY					NEUTRON			
RUN NO.	DEPTHS FROM	TO	SPEED FT/MIN	T.C. SEC.	SENS SETTINGS	ZERO DIV. L OR R	API G.R. UNITS PER LOG DIV.	T.C. SEC.	SENS SETTINGS	ZERO DIV. L OR R	API N. UNITS PER LOG DIV.
1	50.0	579.0	20	1.0	1.85/100	01	10	1.0	1.35/100	01	20

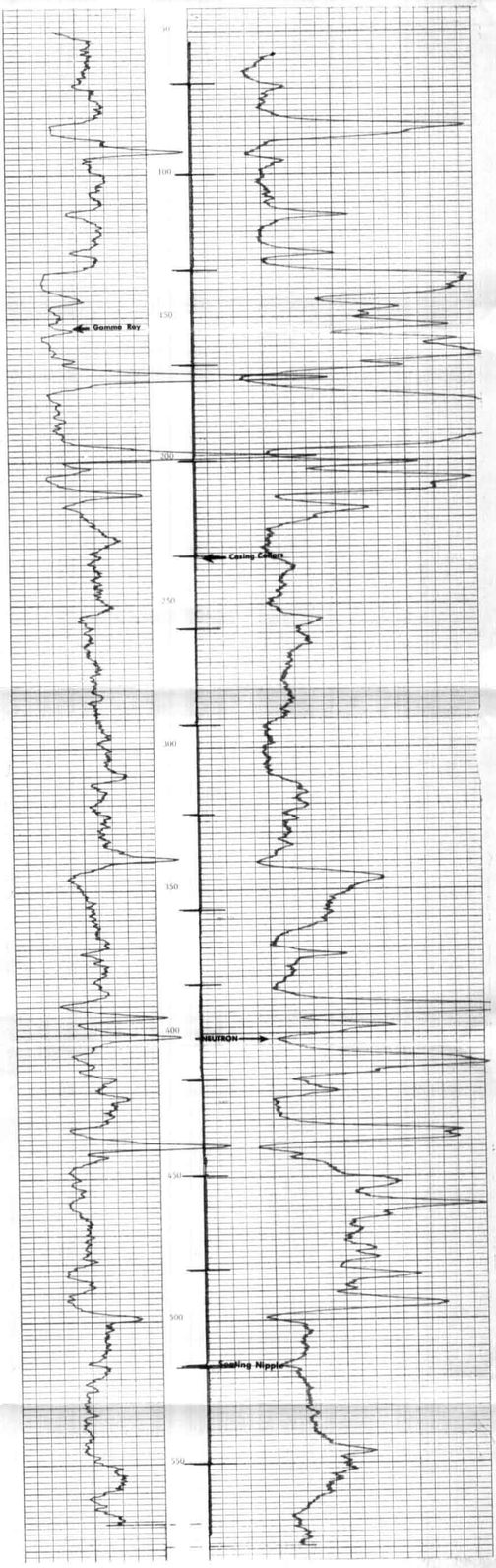
REFERENCE LITERATURE: 2 7/8" CEMENTED

REMARKS: KEST DRILLING CO.

NBCO 16240

GAMMA RAY DEPTH NEUTRON

CASING COLLARS



COMPANY	MACK COLT, INC.
WELL	NO. 54-F
LEASE	SOUTH BROKEN LEASE
COUNTY	JACKSON CO., MISSOURI
DATE	SEPTEMBER 28, 1988

GAMMA RAY	T.D.	580.0
GAMMA RAY	R.D.	571.0
NEUTRON	T.D.	580.0
NEUTRON	R.D.	579.0
CASING SET @	T.D.	