600521

ENERGY RESOURCES, INC.

Paola, Kansas 66071
P. O. Box 467
913-294-6050

Lawrence, Kansas 66044
1203 Iowa
913-841-8686

RELEASED

CONFIDENTIAL

FILING NO.

COMPANY: CARMEL ENERGY INC.

WELL: NO. KE-60

FIELD: KENNEDY LEASE

COUNTY: VERNON - MISSOURI

LOCATION: 836.0 FWL
1530.5 FSL

SEC. 28 TWP. 35N RGE. 33W

OTHER SERVICES:

PERMANENT DATUM: G.L. ELEV. 815.8
LOG MEASURED FROM: G.L. FT. ABOVE PERM. DATUM
DRILLING MEASURED FROM: G.L.

ELEV.: K.B. N.A.
D.F. N.A.
G.L. 815.8

DATE	12-14-80	12-14-80
RUN NO.	1 NW	1 NW
TYPE LOG	GAMMA RAY	NEUTRON
DEPTH—DRILLER	180.0	180.0
DEPTH—LOGGER	180.0	180.0
BOTTOM LOGGED INTERVAL	174.5	179.0
TOP LOGGED INTERVAL	0.0	4.5
TYPE FLUID IN HOLE	WATER/OIL	WATER/OIL
SALINITY, PPM CL.		
DENSITY		
LEVEL	FULL	FULL
MAX. REC. TEMP., DEG. F.		
OPERATING RIG TIME		
RECORDED BY	PRATT	PRATT
WITNESSED BY		

DEC 18 1980
KANSAS OIL & GAS COUNCIL

RUN NO.	BIT	BORE-HOLE RECORD FROM	TO	CASING RECORD SIZE	WGT.	FROM	TO
				OPEN HOLE			

FOLD HERE

THIS HEADING AND LOG CONFORMS TO API RP 33

EQUIPMENT DATA

	GAMMA RAY	NEUTRON
RUN NO.	1 NW	1 NW
LOG TYPE	GR	NEU/DEN
TOOL MODEL NO.	705	705
DIAMETER	1 11/16"	1 11/16"
DETECTOR MODEL NO.	705-GR	705 HR-9
TYPE	GR COUNTER	HR
LENGTH	1 3/8" x 18"	1" x 6"
DISTANCE TO HI. SOURCE	4.5	71-1
SOURCE MODEL NO.		71-1-335 G
SERIAL NO.		13
SPACING	0020	AMBE-241
TYPE	0010	3 CT
STRENGTH	0002	

LOGGING DATA

	GAMMA RAY	NEUTRON
GENERAL: RUN NO.	1 NW	1 NW
LOG TYPE	GR	NEU/DEN
DEPTHS: FROM	0.0	0.0
TO	174.5	179.0
SPEED FT/MIN.	60	60
T.C. SEC.	4.0	4.0
SENS. SETTINGS	100/100	500/100
ZERO DIV. 1 OR 2	0 R	5 L
API G.R. UNITS PER LOG DIV.	10	20
T.C. SEC.	4.0	4.0
SENS. SETTINGS	500/100	5 L
ZERO DIV. 1 OR 2	5 L	20
API N. UNITS PER LOG DIV.		

REMARKS (PRINTABLE): OPEN HOLE

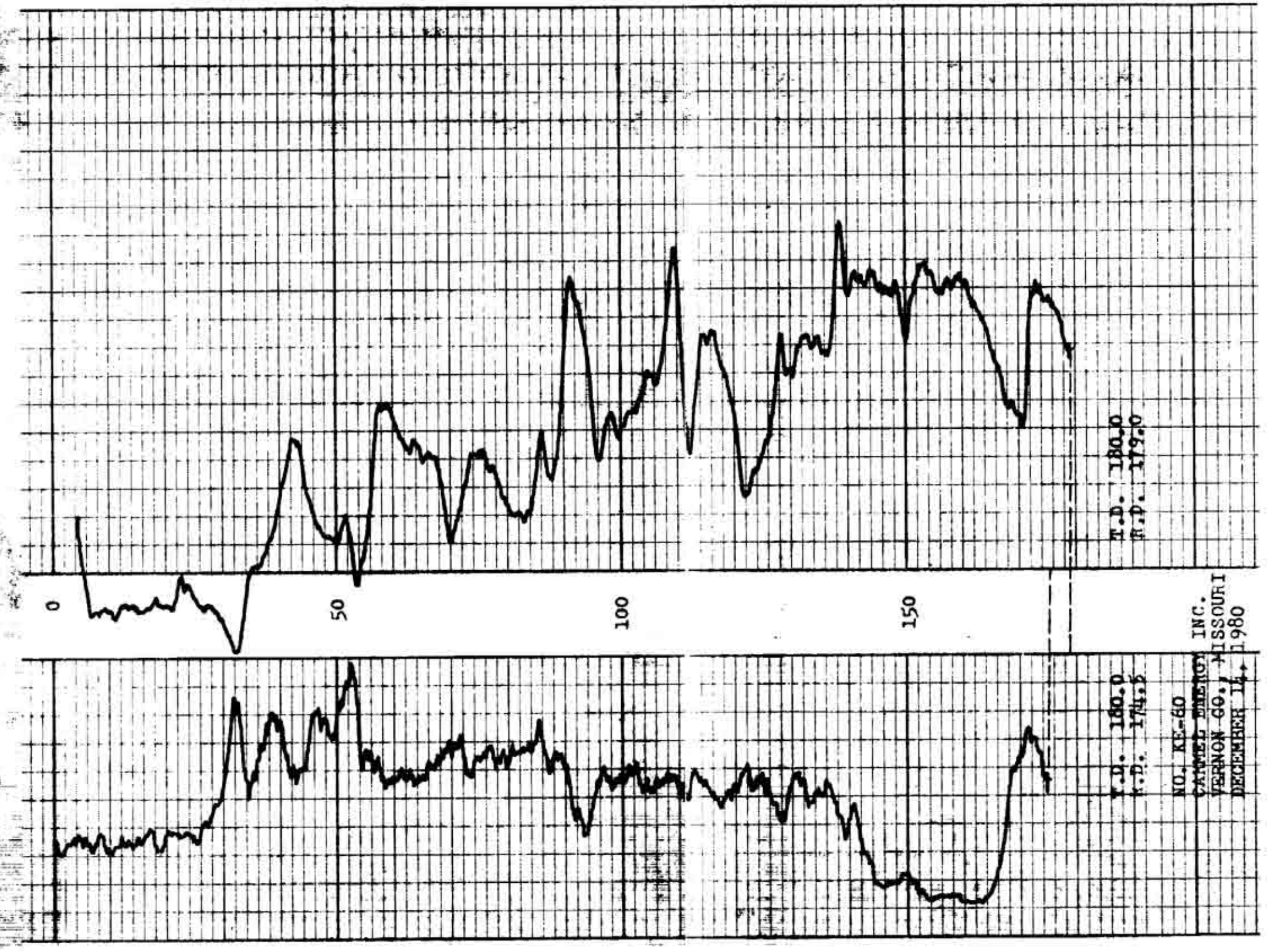
RIGGED: DRILLING CONTRACTOR: LAYNE-WESTERN COMPANY

NEUTRON

DEPTH

GAMMA RAY

CASING COLLARS



NO. KE-60
CARMEL ENERGY INC.
VERNON CO., MISSOURI
DECEMBER 14, 1980