G00523

ENERGY RESOURCES, INC.

Paola, Kansas 66071
P. O. Box 467
913 294 5050

Lawrence, Kansas 66044
913 [illegible]

RELEASED

FILING NO.

COMPANY CARMEL ENERGY INC.
WELL NO. KE-32
FIELD KENNEDY LEASE
COUNTY VERNON - MISSOURI

LOCATION: 522.0 FWL
2620.0 FSL

SEC 28 TWP 35N RGE 33W

OTHER SERVICES:

PERMANENT DATUM G.L. ELEV. 822.2
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. 822.2

DATE	12-14-80	12-14-80
RUN NO.	1 NW	1 NW
TYPE LOG	GAMMA RAY	NEUTRON
DEPTH—DRILLER	202.0	202.0
DEPTH—LOGGER	200.1	200.1
BOTTOM LOGGED INTERVAL	194.6	199.1
TOP LOGGED INTERVAL	0.0	4.5
TYPE FLUID IN HOLE	WATER	WATER
SALINITY, PPM CL.		
DENSITY		
LEVEL	5.0	5.0
MAX. REC. TEMP., DEG F.		
OPERATING RIG TIME		
RECORDED BY	PRATT	PRATT
WITNESSED BY		

DEC 18 1980
PRATT CO. 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		RUN NO.	1 NW	
TOOL MODEL NO.	705		LOG TYPE	NEU/NEU	
DIAMETER	1 11/16"		TOOL MODEL NO.	705	
DETECTOR MODEL NO	705-GE		DIAMETER	1 11/16"	
TYPE	GEIGER		DETECTOR MODEL NO.	705 HE-3	
LENGTH	1 3/8" x 18"		TYPE	HE	
DISTANCE TO N. SOURCE	4.5		LENGTH	1" x 6"	
			SOURCE MODEL NO.	71-1	
GENERAL			SERIAL NO.	71-1-335	G
HOIST TRUCK NO.	0020		SPACING	13"	
INSTRUMENT TRUCK NO.	0020		TYPE	AMBE-241	
TOOL SERIAL NO.	0002		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. 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	0	T.D.	20	4.0	100/075	0 R	10	4.0	500/100	5 L	20

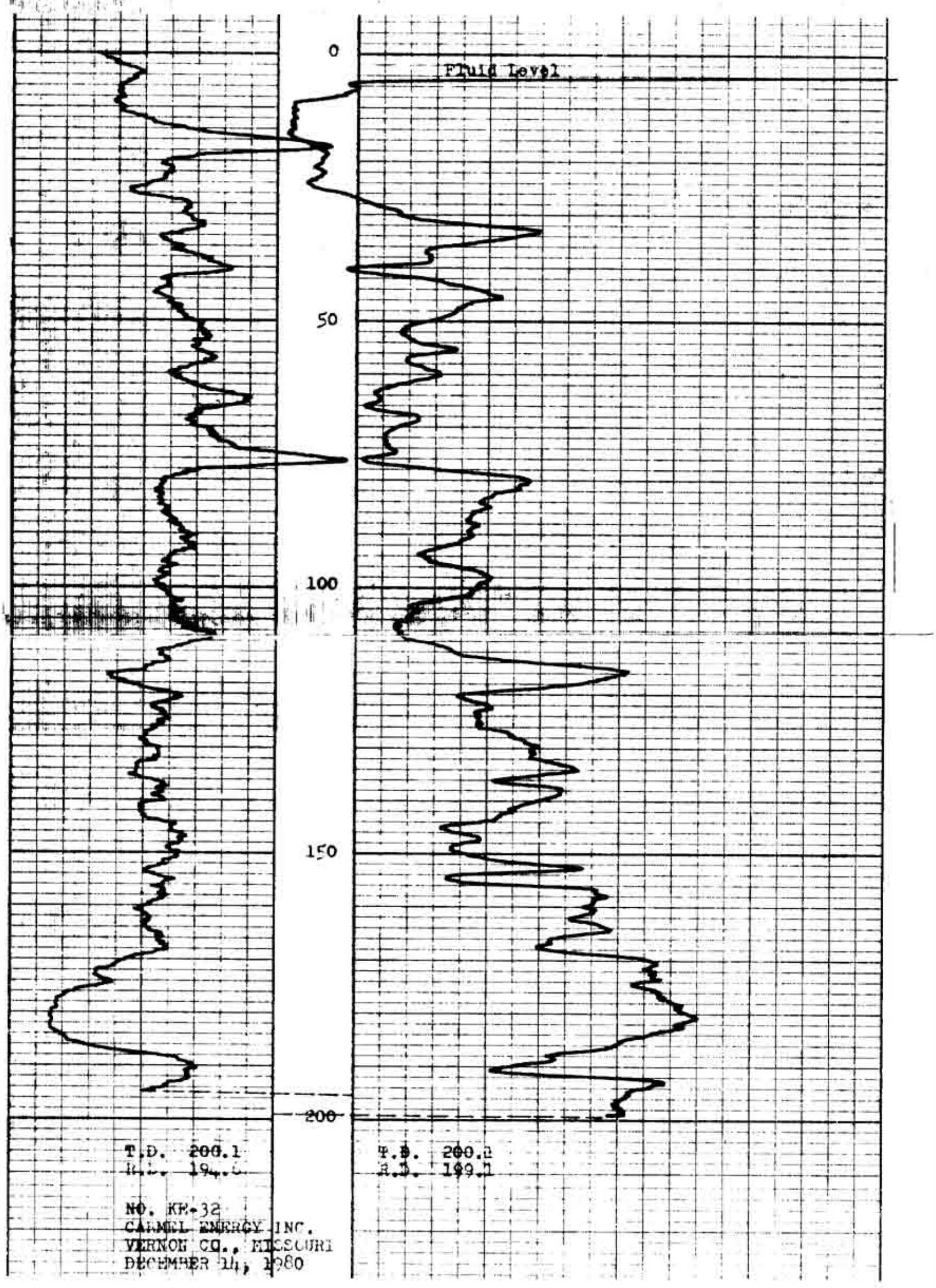
REFERENCE LITERATURE: OPEN HOLE

REMARKS DRILLING CONTRACTOR: LAYNE-WESTERN COMPANY

NSCO 16240

GAMMA RAY DEPTH NEUTRON

CASING COLLARS



NO. KE-32
CARMEL ENERGY INC.
VERNON CO., MISSOURI
DECEMBER 14, 1980