600560

ENERGY RESOURCES, INC.

Paola, Kansas 66071
P. O. Box 467
913-294-5060

Lawrence, Kansas 66044
1203 Iowa
913-841-8886

RELEASED

FILING NO. _____

COMPANY CARNEL ENERGY INC.

WELL KR-53

FIELD KENNEDY IRASK

COUNTY VERNON - MISSOURI

LOCATION: 679.0 FWL 1802.0 FSL

SEC. 28 TWP. 35N RGE 33W

OTHER SERVICES: _____

PERMANENT DATUM: G.L. ELEV. 817.6

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. 817.6

DATE	1-2-81	1-2-81
RUN NO.	1 NW	1 NW
TYPE LOG	GAMMA RAY	NEUTRON
DEPTH—DRILLER		
DEPTH—LOGGER	186.6	186.6
BOTTOM LOGGED INTERVAL	181.1	185.6
TOP LOGGED INTERVAL	0.0	4.5
TYPE FLUID IN HOLE	WATER	WATER
SALINITY, PPM CL		
DENSITY		
LEVEL	13.5	13.5
MAX. REC. TEMP., DEG F.		
OPERATING RIG TIME		
RECORDED BY	MORGAN	MORGAN
WITNESSED BY		

BORE-HOLE RECORD

RUN NO.	BIT	FROM	TO

CASING RECORD

SIZE	WGT	FROM	TO
OPEN HOLE			

RELEASED
JAN 08 1981
MO. OIL & GAS COUNCIL

EQUIPMENT DATA

GAMMA RAY		
RUN NO	1 NW	
TOOL MODEL NO.	705	
DIAMETER	1 11/16"	
DETECTOR MODEL NO	705-GR	
TYPE	GEIGER	
LENGTH	1 3/8" x	18"
DISTANCE TO N. SOURCE	4.5	
GENERAL		
HOIST TRUCK NO	0020	
INSTRUMENT TRUCK NO.	0020	
TOOL SERIAL NO.	0002	

NEUTRON		
RUN NO.	1 NW	
LOG TYPE	NRU/NRU	
TOOL MODEL NO	705	
DIAMETER	1 11/16"	
DETECTOR MODEL NO.	705 NB-3	
TYPE	HE	
LENGTH	1" x 6"	
SOURCE MODEL NO	71-1	
SERIAL NO	71-1-335	G
SPACING	13"	
TYPE	AMBR-241	
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

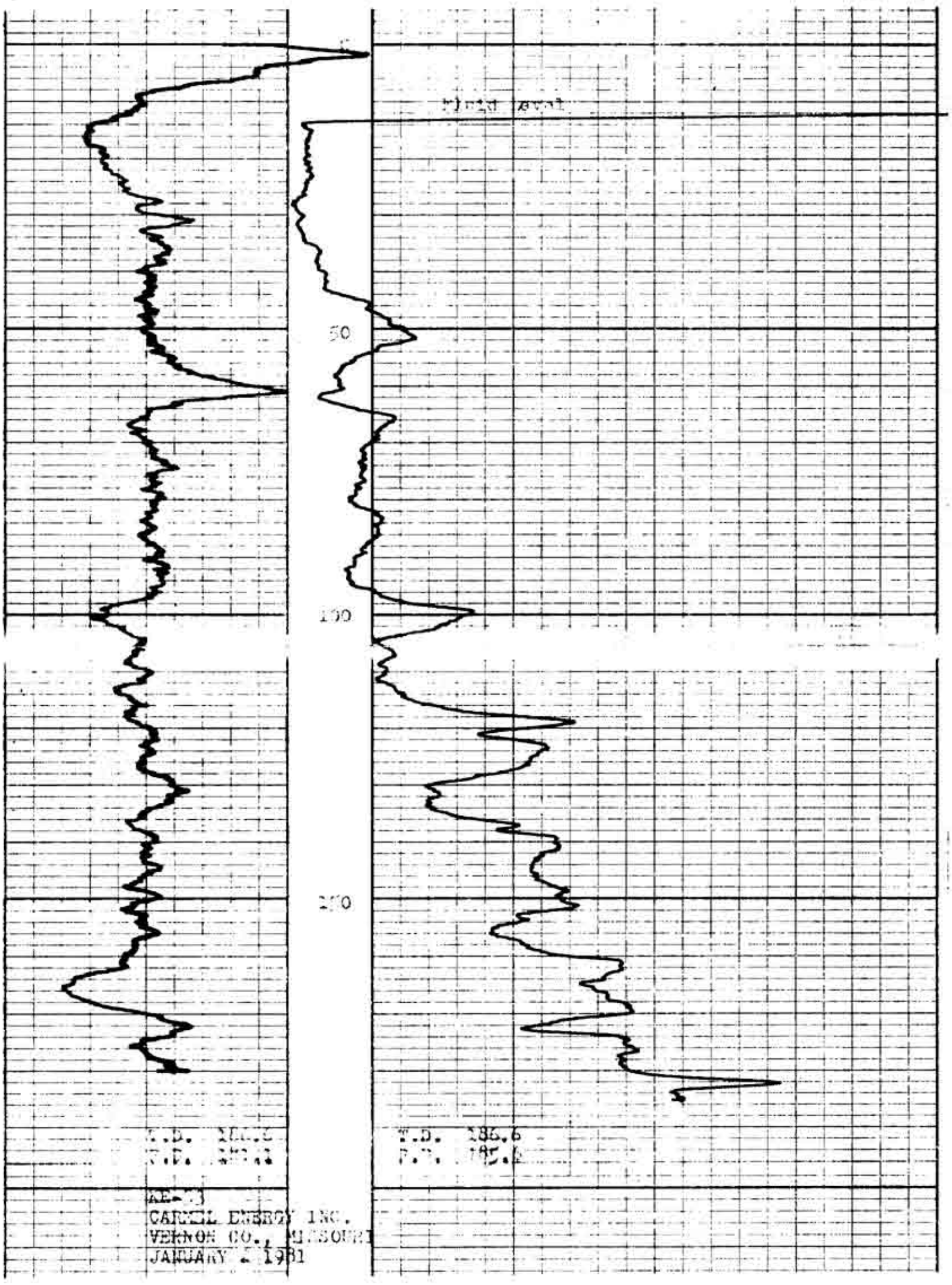
REFERENCE LITERATURE OPEN HOLE - NOT CEMENTED

REMARKS DRILLING CONTRACTOR: LAYNE-WESTERN COMPANY

NSCD 16-840

GAMMA RAY DEPTH NEUTRON

CASING COLLARS



KR-53
CARNEL ENERGY INC.
VERNON CO., MISSOURI
JANUARY 2, 1981