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RECEIVED APR 16 1981 MO. OIL & GAS COUNCIL

MIDWEST SURVEYS

RECEIVED APR 16 1981 MO. OIL & GAS COUNCIL

COMPANY	CARMEL ENERGY, INC.
WELL	NO. 4
FIELD	BERT ADAMS LEASE
COUNTY	VERNON COUNTY, MO
LOCATION	1155.9 FWL, 715.0 FNL NE-NW-NW
SEC 19	TWP 34N RGE 33W

	G.L.	G.L.	G.L.
DATE	4-10-81	4-10-81	
RUN NO	1 NW	1 NW	
TYPE LOG	GAMMA RAY	NEUTRON	
BOTTOM LOGGED INTERVAL	186.4	186.4	
TOP LOGGED INTERVAL	181.9	185.4	
TYPE FLUID IN HOLE	10.0	14.5	
	WATER	WATER	
LEVEL	21.0	21.0	
RECORDED BY	MORGAN	MORGAN	

RUN NO	BORE HOLE RECORD BIT	FROM	TO	CASING RECORD SIZE	WGT	FROM	TO
				O/H			

REPRODUCED BY
Petroleum Information Corporation
HIGHLAND, TEXAS 79701

REFERENCE D 29428

MADE FROM BEST COPY AVAILABLE

2 COMPLETION RECORD

SPUD DATE

COMP DATE

BST RECORD

API NO.

CASING RECORD

PERFORATING RECORD

ACID FRAC SHOT

I P

GOR GR

T P C P

REMARKS

REPRODUCTION FOR RESALE PROHIBITED

EQUIPMENT DATA

Gamma Ray		Neutron	
RUN NO	1 NW	RUN NO	1 NW
TOOL MODEL NO	104	LOG TYPE	NEU/NEU
DIAMETER	1 11/16"	TOOL MODEL NO	104
DETECTOR MODEL NO	E-1057	DIAMETER	1 11/16"
TYPE	SCINT.	DETECTOR MODEL NO	E-1031
LENGTH	1" x 4"	TYPE	HE-3
DISTANCE TO NEUTRON SOURCE	4.5	LENGTH	1" x 6"
		SOURCE MODEL NO	71-1
		SERIAL NO	71-1-1548
		SPACING	13"
		TYPE	AMZ241RE
		STRENGTH	1 CI

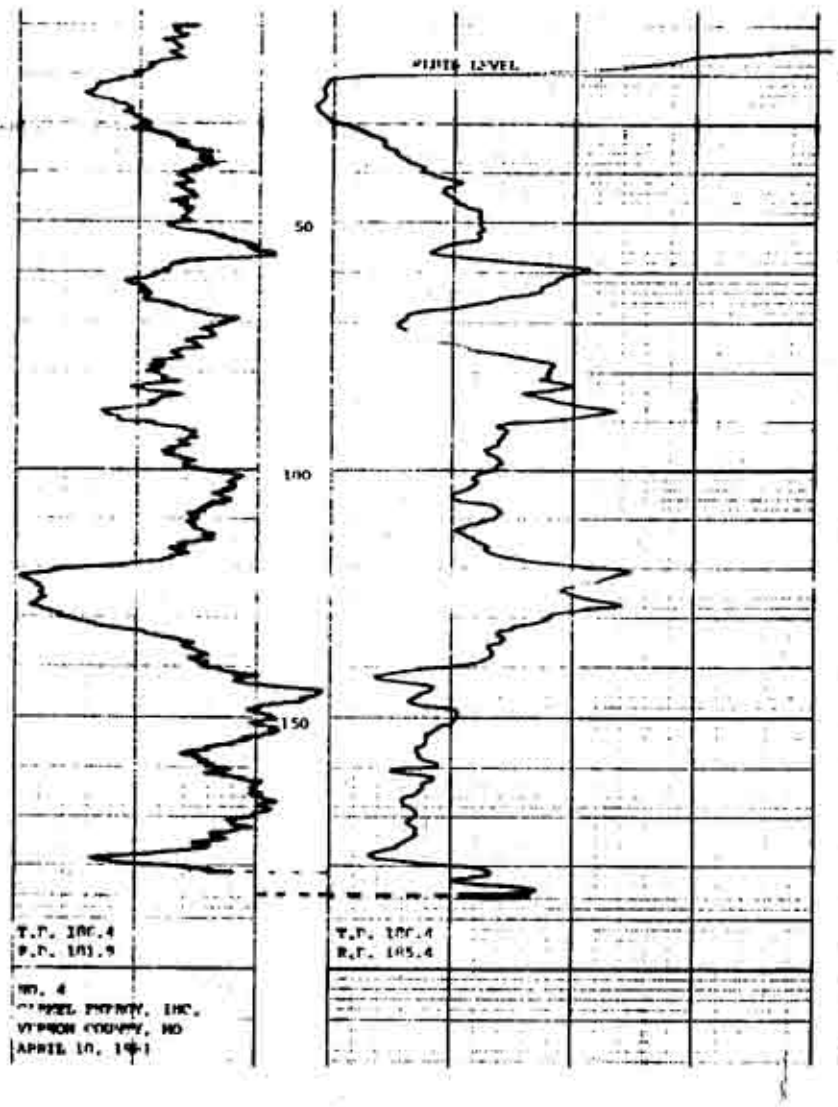
Common	
HOLE SIZE NO	RA
EQUIPMENT TRUCK NO	104
TOOL DRIVER NO	RG-0001

LOGGING DATA

RUN NO	INTERVAL FROM	INTERVAL TO	SPEED FT/MIN	Gamma Ray FT/IN SEC	SENS SETTINGS	SPEED DIV 1 OR 2	API G.R. UNITS PER LOG DIV	Neutron FT/IN SEC	SENS SETTINGS	SPEED DIV 1 OR 2	API N. UNITS PER LOG DIV.
1	10.0	185.4	25	3.0	600/100	4L	10	3.0	200/100	1L	20

INTERFACE OPERATION O/H - NOT CEMENTED

REMARKS

GAMMA RAY DEPTH NEUTRON

CASING COLLARS