G00728 21036

MIDWEST SURVEYS
LOGGING & PERFORATING & CONSULTING SERVICES

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RELEASED

COMPANY	CARMEL ENERGY, INC.
WELL	NO. 41-12
FIELD	PRINGLE - JOHNSON
COUNTY	VERNON COUNTY, MO
LOCATION	1442.0 FEL, 1989.0 FSL NE-NW-SE
SEC	19
TWP	34N
RGE	33W
OTHER SERVICES	
PERMANENT DATUM	G.L.
LOG MEASURED FROM	G.L.
DRILLING MEASURED FROM	G.L.
ELEV.	831.8
ELEV.	NA
	NA
	831.8

DATE	4-30-81	4-30-81
RUN NO	1 NW	1 NW
TYPE LOG	GAMMA RAY	NEUTRON
DEPTH-DRILLER		
DEPTH LOGGER	176.6	176.6
BOTTOM LOGGED INTERVAL	172.1	175.0
TOP LOGGED INTERVAL	10.0	14.5
TYPE FLUID IN HOLE	WATER	WATER
SALINITY PPM CL		
DENSITY		
LEVEL	39.0	39.0
MAX REC TEMP DEG F		
OPERATING RIG TIME		
RECORDED BY	MORGAN	MORGAN
WITNESSED BY		

RUN NO	BORE HOLE RECORD BIT	FROM	TO	CASING RECORD SIZE	WGT	FROM	TO
				O/H		0.0	T.D.

REPRODUCED BY
Petroleum Information
Corporation
MIDLAND, TEXAS 79701

REFERENCE D 2944A

MADE FROM BEST COPY AVAILABLE

COMPLETION RECORD

SPUD DATE

COMP DATE

DST RECORD

API NO.

CASING RECORD

PERFORATING RECORD

ACID FRAC SHOT

I P

GOR GR

T P C P

REMARKS

REPRODUCTION FOR RESALE PROHIBITED

THIS READING AND LOG CONFORMS TO API RP 33

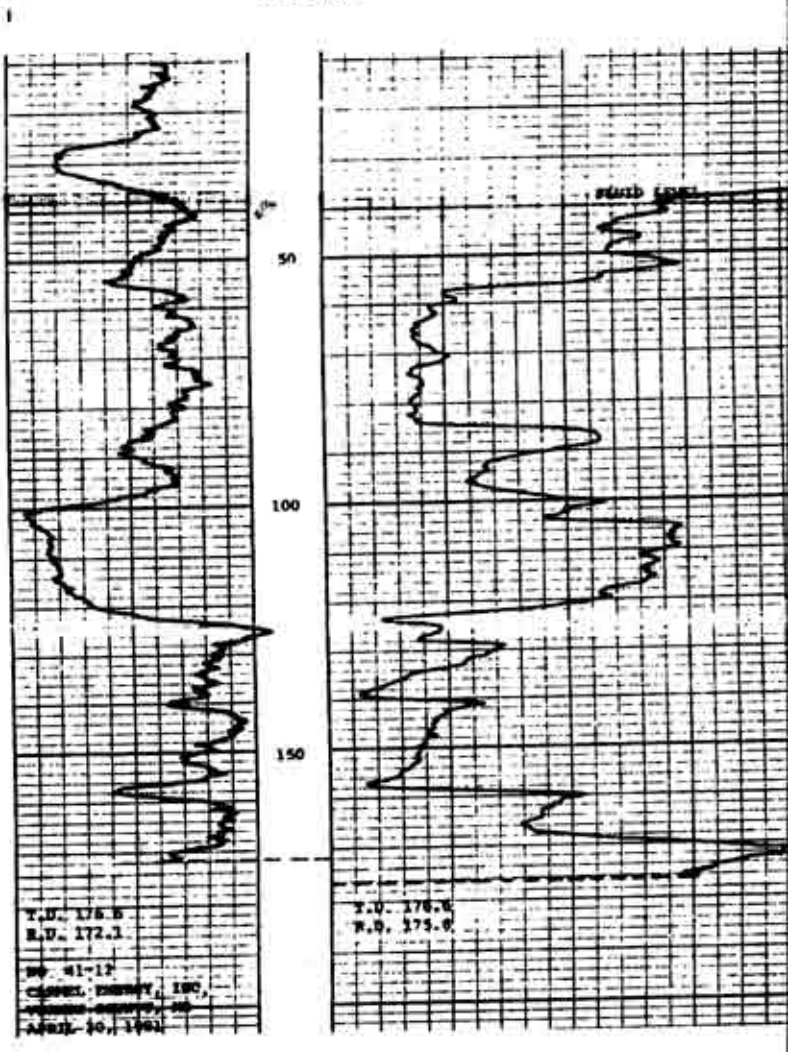
EQUIPMENT DATA

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 N. SOURCE	4.5	LENGTH	1" x 6"
GENERAL		SOURCE MODEL NO	71-1
NOISE TRUCK NO	NA	SERIAL NO	71-1-1541
INSTRUMENT TRUCK NO	104	SPACING	13"
TOOL SERIAL NO	MC-0001	TYPE	AM241BI
		STRENGTH	1 CI

LOGGING DATA

GENERAL RUN	DEPTH FROM	DEPTH TO	SPEED FT/MIN	GAMMA RAY T.C. SEC	SENS SETTINGS	ZERO DIV 1 OR 2	API G.S. UNITS PER LOG DIV	NEUTRON T.C. SEC	SENS SETTINGS	ZERO DIV 1 OR 2	API N. UNITS PER LOG DIV
1	10.0	175.5	25	3.0	600/100	3L	10	3.0	200/100	6L	20

REFERENCE LITERATURE O/H - NOT CEMENTED

REMARKS

GAMMA RAY DEPTH NEUTRON
CASING
COLLARS