ENERGY RESOURCES, INC.

COMPANY: CENTURY ENTERPRISES
WELL: NO. 5
FIELD: CENTURY ZIAGS
COUNTY: JACKSON, MISSOURI
LOCATION: 1525' FNL & 1525' FWL
TWP. 47 RGE. 33
ELEV. KB N/A DF N/A GL N/A
OTHER SERVICES: CCL

DATE	12-6-81	12-6-81
RUN NO.	1 NW	1 NW
TYPE LOG	GAMMA RAY	NEUTRON
DEPTH-DRILLER		
DEPTH-LOGGER		
BOTTOM LOGGED INTERVAL	578.0	578.0
TOP LOGGED INTERVAL	372.5	372.5
TYPE FLUID IN HOLE	WATER	WATER
SALINITY, PPM Cl		
LEVEL	FULL	FULL
MAX. REC. TEMP. DEG. F		
EQUIPMENT NO.		
LOCATION		
RECORDED BY	MORGAN	MORGAN
WITNESSED BY		

BIT RECORD: BIT NO. 1, SIZE 2 3/8, FROM 0.0, TO T.D.

CASING RECORD: SIZE 2 3/8, WGT. 4.7, FROM 0.0, TO T.D.

FOLD HERE — THIS HEADING AND LOG CONFORMS TO API RP 33

RECEIVED
NOV 29 1982
OIL & GAS COUNCIL

RELEASED

EQUIPMENT DATA

GAMMA RAY		NEUTRON	
RUN NO.	1 NW	RUN NO.	1 NW
TOOL MODEL NO.	705	TOOL TYPE	NEU/NEU
DIAMETER	1 11/16"	TOOL MODEL NO.	705
DETECTOR MODEL NO.	705-GR	DIAMETER	1 11/16"
TYPE	GEIGER	DETECTOR MODEL NO.	705 NN-3
LENGTH	1 3/8x18"	TYPE	HE
DISTANCE TO HI. SOURCE	4.5	LENGTH	1" x 6"
		SOURCE MODEL NO.	71-1
		SERIAL NO.	71-1-3668
		SPACING	13"
		TYPE	AMBIE-241
		STRENGTH	3 CI

GENERAL

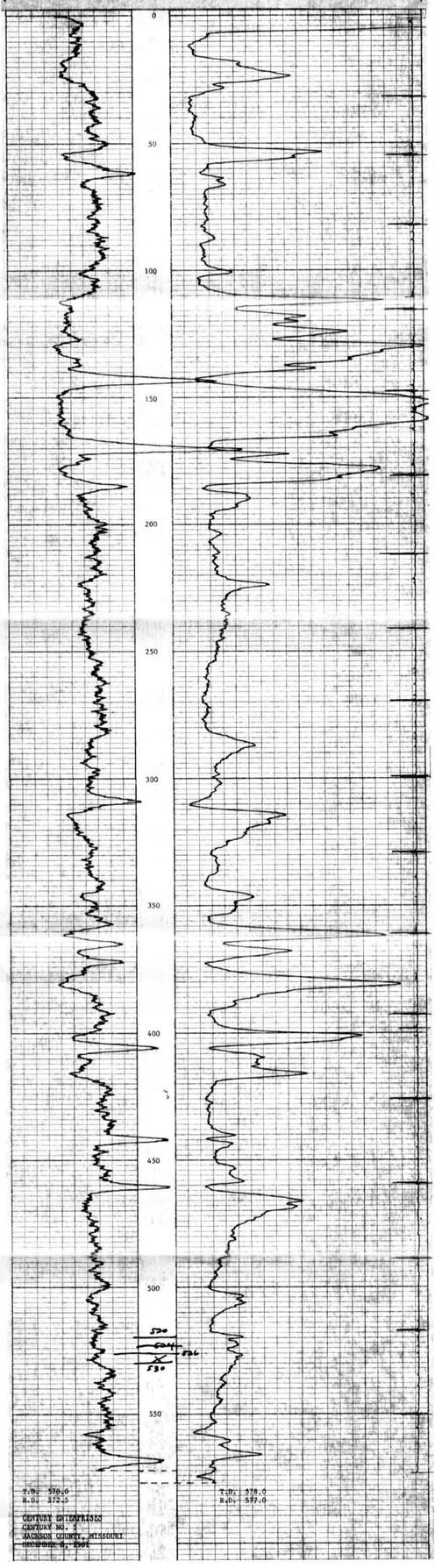
HOIST TRUCK NO.	0020
INSTRUMENT TRUCK NO.	0020
TOOL SERIAL NO.	0002

LOGGING DATA

RUN NO.	GENERAL DEPTHS FROM	TO	SPEED FT/MIN.	T.C. SEC.	SENS. SETTINGS	GAMMA RAY ZERO DIV. L OR R	API G.R. UNITS PER LOG DIV.	T.C. SEC.	SENS. SETTINGS	NEUTRON ZERO DIV. L OR R	API N. UNITS PER LOG DIV.
1	0.0	T.D.	20	3.0	100/060	2-R	10	3.0	500/100	0	20

REFERENCE LITERATURE: 2 3/8" - CEMENTED

REMARKS: DRILLING CONTRACTOR: H & H DRILLING



CENTURY ENTERPRISES
CENTURY NO. 5
JACKSON COUNTY, MISSOURI
DECEMBER 6, 1981