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Case 526

ENERGY RESOURCES, INC.

COMPANY	ENERGY RESOURCES, INC.
WELL	BEN 33-3W
FIELD	CASE COUNTY, NEBRASKA
COUNTY	CASE STATE NEBRASKA
LOCATION	1831' FNL & 1780' FEL
SEC. 4 TWP. 16N RGE. 33W	ELEV. GL. N/A KB. N/A DF. N/A GL. N/A
DATE	1-4-91
RUN NO.	ONE
DEPTH-DRILLER	1000
DEPTH-LOGGER	1000
BTM. LOG INTERVAL	1000
TOP LOG INTERVAL	SURFACE
CASING-DRILLER	8 5/8 @ 24
CASING-LOGGER	24
BIT SIZE	7 7/8
TYPE FLUID IN HOLE	FRESH
DENSITY	8.9
VISCOSITY	28
PH	9.0
FLUID LOSS	N/A
SOURCE OF SAMPLE	PIT
RM @ MEAS. TEMP.	.1 @ 70
RMF @ MEAS. TEMP.	.1 @ 70
RMC @ MEAS. TEMP.	.1 @ 70
SOURCE RMF & RMC	MEASURED
RM @ BHT	.1 @ 90
TIME CIRC. ENDED	1:00
TIME LOGGER ON BOTTOM	2:00
MAX. REC. TEMP.	90
EQUIPMENT NO.	3 BW
LOCATION	HAYS, KS
RECORDED BY	D. GAY
WITNESSED BY	MOUNTAIN DRILLING
	DRILLER
	CASING COLLAR LOCATOR
	6.0
	555556

TOOL NO. 3 BW

THIS READING WAS TAKEN CONFORMING TO API RP 33

EQUIPMENT DATA

GAMMA RAY		NEUTRON	
RUN NO.	1 BW	RUN NO.	1 BW
TOOL MODEL NO	70C	LOG TYPE	NDU/BHU
DIAMETER	1 11/16"	TOOL MODEL NO	70C
DETECTOR MODEL NO	70C-2E	DIAMETER	1 11/16"
TYPE	GEIGER	DETECTOR MODEL NO	70C HS-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		SPRING NO	1-3-335 D
MOBIL TRUCK NO.	0020	SPACING	13"
INSTRUMENT TRUCK NO.	0020	TYPE	AMSR-6L1
TOOL SERIAL NO.	0002	STRENGTH	3 CI

LOGGING DATA

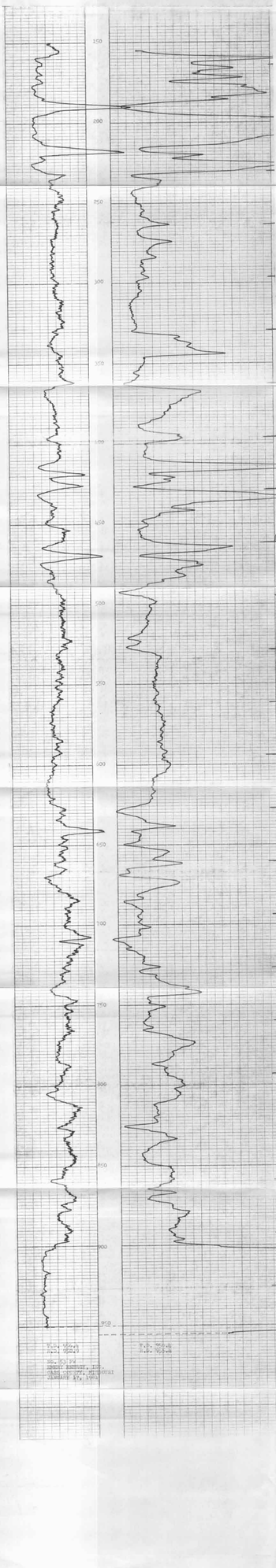
GENERAL						GAMMA RAY				NEUTRON			
RUN NO.	DEPTH FROM	DEPTH TO	SPEED FT/MIN	T.C. SEC	SENS SETTINGS	ZERO DIV. OR #	API G.R. UNITS PER COL DIV.	T.C. SEC	SENS. SETTINGS	ZERO DIV. OR #	API N. UNITS PER COL DIV.
1	0	T.D.	20	4.0	100/975	2 8	10	4.0	500/100	4 4	20

REFERENCE LITERATURE: 4" - CEMENTED

REMARKS: DRILLING CONTRACTOR: H & H DRILLING INC.

GAMMA RAY DEPTH NEUTRON

CASING COLLARS



T.D. 1000
PBD 975

T.D. 1000
PBD 975

BEN 33-3W
ENERGY RESOURCES, INC.
CASE COUNTY, NEBRASKA
JANUARY 4TH, 1991