Birdwell Nuclear Log

COMPANY U.S. GEOLOGICAL SURVEY
WELL B-1
FIELD
LOCATION 5 35 T 51-N R 82-W
COUNTY JOHNSON
STATE WYOMING
PERMANENT DATUM GROUND LEVEL
LOG MEASURED FROM KELLY BUSHING
DRILLING MEASURED FROM KELLY BUSHING
ELEVATIONS: PERM. DATUM 4600 G.L. 4600 K.B. 4610 D.F.
DATE 27 MAY 75
RUN NO. 1
DEPTH DRILLER 430
DEPTH LOGGER 430
BTM. LOG INTERVAL 428
TOP LOG INTERVAL SURFACE
CASING DRILLER 7" @ 32
CASING LOGGER 32
BIT SIZE 6 1/4"
TYPE FLUID IN HOLE WATER
DENSITY 8.4
LEVEL FULL
MAX. REC. TEMP. 70°F
EQUIP. LOCATION CASPER
RECORDED BY R. HOLT
WITNESSED BY

THIS HEADING AND LOG CONFORM TO API RP-33

EQUIPMENT DATA

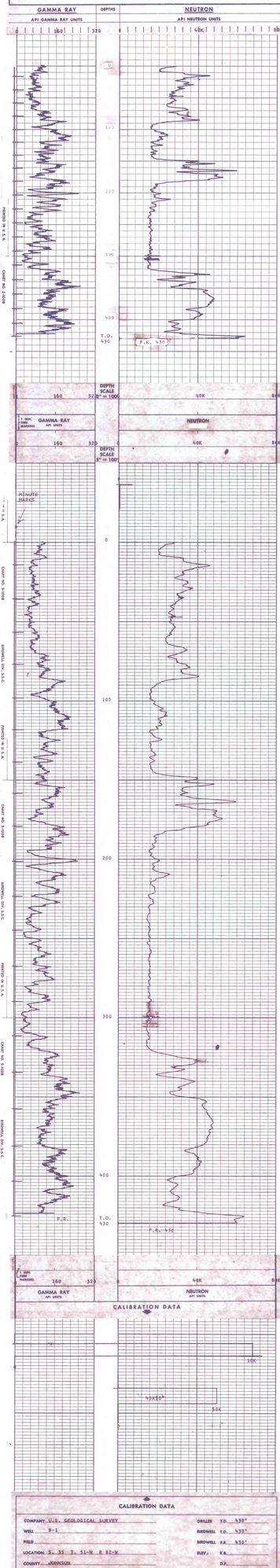
GAMMA RAY		NEUTRON	
RUN NO.	1	RUN NO.	1
TOOL MODEL NO.	LAC-700	LOG TYPE	NHL
DIAMETER	1-3/8"	TOOL MODEL NO.	SD1
DETECT. MODEL NO.	-	DIAMETER	1-3/4"
TYPE	GM	DETECT. MODEL NO.	-
LENGTH	12"	TYPE	-
DIST. TO N. SOURCE	8"	LENGTH	8"
		SOURCE MODEL NO.	-
GENERAL		SERIAL NO.	-
HOIST TRUCK NO.	2746	SPACING	24"
INST. TRUCK NO.	-	TYPE	PUSH 238
TOOL SERIAL NO.	-	STRENGTH-N/SEC	95x10⁷

LOGGING DATA

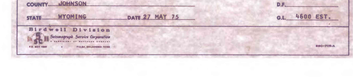
GENERAL				GAMMA RAY				NEUTRON		
RUN NO.	DEPTHS FROM	DEPTHS TO	SPEED FT/MIN	T.C. SENS. SETTINGS	ZERO DIV. LOG R	API G.R. UNITS PER LOG DIV.	T.C. SEC.	SENS. SETTINGS	ZERO DIV. LOG R	CPM UNITS PER LOG DIV.
1	425'	0	20	3 10x10	0	32	3	20X10⁴	9	4000
	430'	428	20							

REFERENCE LITERATURE:

REMARKS: THIS WORK WAS PERFORMED UNDER UNITED STATES ATOMIC ENERGY COMMISSION BY-PRODUCT MATERIAL LICENSE NO. 35-5651



CALIBRATION DATA



CALIBRATION DATA

COMPANY U.S. GEOLOGICAL SURVEY
WELL B-1
FIELD
LOCATION S. 35 T. 51-N R 82-W
COUNTY JOHNSON
STATE WYOMING
DATE 27 MAY 75

DRILLER T.D. 430'
BIRDWELL T.D. 430'
BIRDWELL P.B. 430'
ELEV.: K.B.
D.F.
G.L. 4600 EST.

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