76-872

Figure 5.--DRILL-HOLE KP-4-PL--continued

Gamma-Ray log

BIRDWELL

Gamma-Ray Density
E CALIPER

COMPANY: HAYDEN, FARMER, DRILLING, COMPANY
WELL: KP 4 PL (for U.S. Geological Survey)
FIELD: PINE LAKE QUAD.
COUNTY: GARFIELD
STATE: UTAH
OTHER SERVICES: ES

LOCATION: 900' W of E.L. 2050' N of S.L. SEC. 23 TWP. 36S RGE. 2W
PERMANENT DATUM: GL
LOG MEASURED FROM: KB 9' ABOVE PERM. DATUM
DRILLING MEASURED FROM: GROUND LEVEL

DATE: 6-8-76
RUN NO.: ONE
DEPTH—DRILLER: 219'
DEPTH—LOGGER: 215'
BTM. LOG INTERV.: 215'
TOP LOG INTERV.: SURF.
CASING—DRILLER: 9 5/8" @ 21'
CASING—LOGGER: 21'
BIT SIZE: 7 7/8"
TYPE FLUID IN HOLE: WATER
DENSITY: N/A VISC.: N/A
PH: N/A FLUID LOSS: N/A
SOURCE OF SAMPLE: CIRC. PIT
RM @ MEAS. TEMP.: N/A @ N/A
RMF @ MEAS. TEMP.: N/A @ N/A
RMC @ MEAS. TEMP.: N/A @ N/A
SOURCE: RMF N/A RMC N/A
RM @ BHT: N/A @ 70°F
TIME CIRC. BEFORE LOG: 1 HR.
TIME SINCE CIRC.: 1 HR.
MAX. REC. TEMP.: 70°F
EQUIP. NO. & LOCATION: 1616 CEDAR CITY
RECORDED BY: M. HALL
WITNESSED BY: MR. HAYDEN

BORE HOLE RECORD
BIT NO. 1 FROM 0 TO 219'

CASING RECORD
NO. 1 CASING FROM 0 TO 21'

DENSITY CALIBRATION DATA

PRIMARY BSY	2.70	2.50
EQUIVALENT DEN. G/CC	2.70	2.50
SECONDARY BSY	IN	OUT
EQUIVALENT DEN. G/CC	2.665	2.08
DENSITY CAL. SSP	10K	35K
SECONDARY DEN. G/CC	2.71	2.21
MINERAL HOLE DIAM.	6"	5"

REMARKS: TWO RIG

EQUIPMENT DATA

RUN NO.	ONE
DEN. SONDE MOD. NO.	LAHF-8001
DEN. SONDE SER. NO.	1
DIAMETER	2-1/4"
DEN. SOURCE MOD.	S-281
GR. SONDE MOD. NO.	LALA-8001
GR. SONDE SER. NO.	1
DIAMETER	1-11/16

GENERAL

SPACE NO.	1616
SERVICE ORDER NO.	

REFERENCE LITERATURE:

N.A.--INFORMATION NOT AVAILABLE

LOGGING DATA

GENERAL

DEPTHS FROM	DEPTHS TO	SPEED FT/MIN	TC SEC	CPM FULL SCALE
219'	0	30	2	20X10³

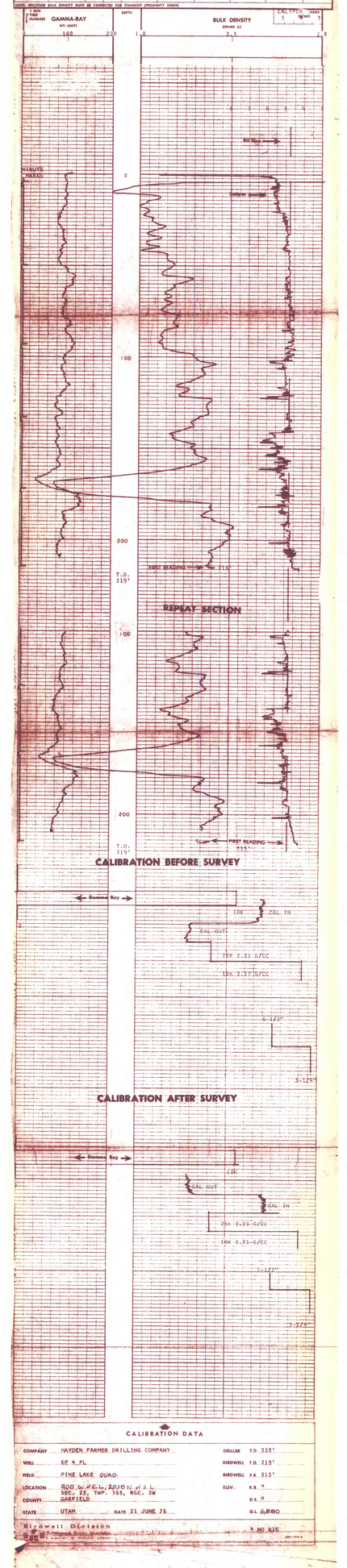
GAMMA RAY

ZERO DIV. L OR R	API UNITS /DIV.	CPM FULL SCALE
-0-	20	80X10³

DENSITY

G/CC /DIV.
.05

NOTE: RECORDED BULK DENSITY MUST BE CORRECTED FOR STANDOFF (PROXIMITY INDEX)



CALIBRATION DATA

COMPANY	HAYDEN FARMER DRILLING COMPANY	DRILLER	T.D. 220'
WELL	KP 4 PL	BIRDWELL	T.D. 219'
FIELD	PINE LAKE QUAD.	BIRDWELL	F.B. 215'
LOCATION	900 W. of E.L. 2050 N. of S.L. SEC. 23, TWP. 36S, RGE. 2W	ELEV.	K.B. N
COUNTY	GARFIELD		D.F. N
STATE	UTAH	DATE	21 JUNE 76
			G.L. 6880

Birdwell Division
Santa Ana, California, Houston, Texas

NO RIG