

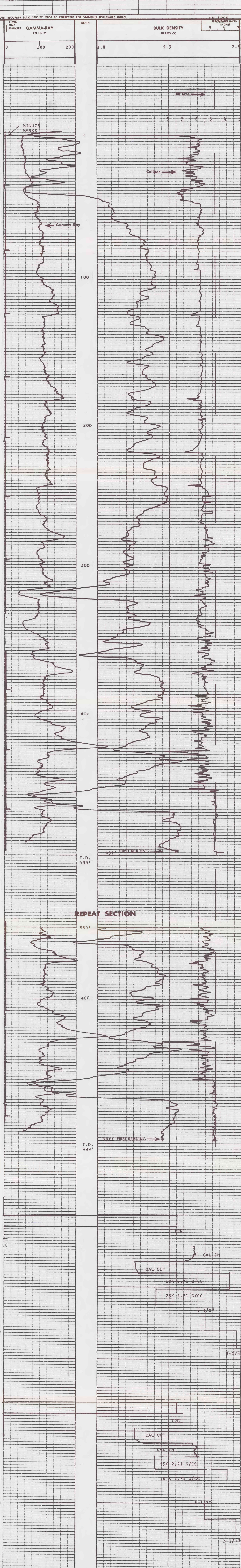
Figure 14.--DRILL-HOLE NO. AK-4-BP
Natural Gamma, Density, Caliper log

BIRDWELL	
Gamma-Ray Density & Caliper	
COMPANY <u>HAYDEN FARMER DRILLING COMPANY</u>	
WELL <u>AK 4 BP</u>	
FIELD <u>SHEEP CREEK, ALTON-KANAB</u>	
COUNTY <u>GARFIELD</u>	STATE <u>UTAH</u>
LOCATION: <u>SW 1/4 NE 1/4, 2050 ft N 11, 1/2 S 1/4 E 1/4, 30 S 37 S, RGE. 3W</u>	
SEC. <u>30</u>	TWP. <u>37 S</u> RGE. <u>3W</u>
ES	
PERMANENT DATUM	
LOG MEASURED FROM	GROUND LEVEL
DRILLING MEASURED FROM	GROUND LEVEL
DATE	20 JUNE 76
TYPE LOG	GR-CAS-FDL
DEPTH - DRILLER	500'
DEPTH - LOGGER	499'
BIT LOG INTER.	997'
TOP LOG INTER.	N/A
TYPE LOG INTER.	MUD
DENSITY LOG CAL.	N/A
MAX. REC. TEMP. - °F	N/A
OPER. REC. TIME	1 HR.
RECORDED BY	MARTINEZ
WITNESSED BY	MR. NEAL
LOCATION	GIT
BORE HOLE RECORD	
RUN NO.	1
NO.	4-3/4"
TO	0'
SIZE	500'
WGT.	
FROM	
TO	

SEC-663-F

DENSITY CALIBRATION DATA		EQUIPMENT DATA	
PRIMARY REF.	CR. AL204 14.5 MG 64	RUN NO.	ONE
EQUIVALENT DEN. G/CC	2.70	DEN. SONDE MOD. NO.	LAHE-8001
SECONDARY REF.	IN OUT	DEN. SONDE SER. NO.	4
EQUIVALENT DEN. G/CC	2.465	DEN. SOURCE NO.	2-1/4"
RECORDED CAL. REF.	10K	GR. SONDE MOD. NO.	5-283
EQUIVALENT DEN. G/CC	2.71	GR. SONDE SER. NO.	LAHA-8001
NOMINAL HOLE DIAM.	5"	DIAMETER	1 1/16"
REMARKS: *NO RIG		GENERAL	
		TRUCK NO.	3016
		SERVICE ORDER INV.	
		REFERENCE LITERATURE	
N.A.: INFORMATION NOT AVAILABLE			
LOGGING DATA			
GENERAL		GAMMA RAY	DENSITY
DEPTHS	TO	CPM FULL SCALE	API UNITS /LOG DIV.
499'	0'	20X10 ³	80X10 ³
SPEED FT/MIN		ZERO DIV. L OR R.	G/CC /LOG DIV.
30		-0-	.05
TC SEC.			
2			

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



CALIBRATION DATA

COMPANY	HAYDEN FARMER DRILLING COMPANY	DRILLER	T.D. 500'
WELL	AK 4 BP	BIRDWELL	T.D. 499'
FIELD	SHEEP CREEK, ALTON-KANAB	BIRDWELL	F.R. 497'
LOCATION	SEC. 30, TWP. 37S, RGE. 3W	ELEV.:	K.B. *
COUNTY	GARFIELD	D.F.	*
STATE	UTAH	G.L.	6810
DATE	20 JUNE 76		

Birdwell Division
Sismograph Service Corporation
A SUBSIDIARY OF HAYDEN COMPANY

* NO RIG

SEC-708-B