U.S. Geological Survey
Open-file Report 1977

Figure 3.--DRILL-HOLE NO. AK-1-A
Spontaneous-Potential, and Resistivity log

BIRDWELL

Electric Log

COMPANY	HAYDEN FARMER DRILLING COMPANY
	U.S. Geological Survey
WELL	AK 1A
FIELD	ALTON-KANAB, Robinson Creek
COUNTY	KANE
STATE	UTAH
LOCATION	SW¼NE¼ 1440 ft. f E line, 2200 ft. f N line
SEC.	21
TWP.	39 S
RGE.	5 W
OTHER SERVICES:	GR-FDL-CAL
PERMANENT DATUM	GROUND LEVEL, ELEV. 7330
LOG MEASURED FROM	GL. 0 FT. ABOVE PERM. DATUM
DRILLING MEASURED FROM	GROUND LEVEL
ELEV. K.B.	N/A
D.F.	N/A
G.L.	7330

DATE	5 JUNE 76		
RUN NO.	ONE		
DEPTH—DRILLER	776'		
DEPTH—LOGGER	740'		
BTM. LOG INTER.	738'		
TOP LOG INTER.	70		
CASING—DRILLER	N/A @	@	@
CASING—LOGGER	N/A		
BIT SIZE	5-1/4"		
TYPE FLUID IN HOLE	MUD		
LIQUID LEVEL	N/A		
DENS. / VISC.	N/A / N/A		
pH / FLUID LOSS	N/A / 24 ml	ml	ml
SOURCE OF SAMPLE	CIR PIT		
R_m @ MEAS.TEMP.	6 @ 62 °F	@ °F	@ °F
R_{mf} @ MEAS.TEMP.	5.1 @ 64 °F	@ °F	@ °F
R_{mc} @ MEAS.TEMP.	4.9 @ 64 °F	@ °F	@ °F
SOURCE R_{mf} / R_{mc}	MUD PRESS		
R_m @ B.H.T.	N/A @ °F	@ °F	@ °F
TIME SINCE CIRC.	12 HRS		
MAX. REC. TEMP.	EST. 70 °F	°F	°F
EQUIP. / LOCATION	3016 / GJT		
RECORDED BY	MCGEE		
WITNESSED BY	MR. HAYDEN		

SSC-605-H

CHANGES IN MUD TYPE OR ADDITIONAL SAMPLES		
DATE / SAMPLE NO.		
DEPTH—DRILLER		
TYPE FLUID IN HOLE		
LIQUID LEVEL		
DENS. / VISC.		
pH / FLUID LOSS	ml	ml
SOURCE OF SAMPLE		
R_m @ MEAS.TEMP.	@ °F	@ °F
R_{mf} @ MEAS.TEMP.	@ °F	@ °F
R_{mc} @ MEAS.TEMP.	@ °F	@ °F
SOURCE R_{mf} / R_{mc}		
R_m @ B.H.T.	@ °F	@ °F
R_{mf} @ B.H.T.	@ °F	@ °F
R_{mc} @ B.H.T.	@ °F	@ °F

SCALE CHANGES:

TYPE LOG	DEPTH	SCALE UP HOLE	SCALE DOWN HOLE

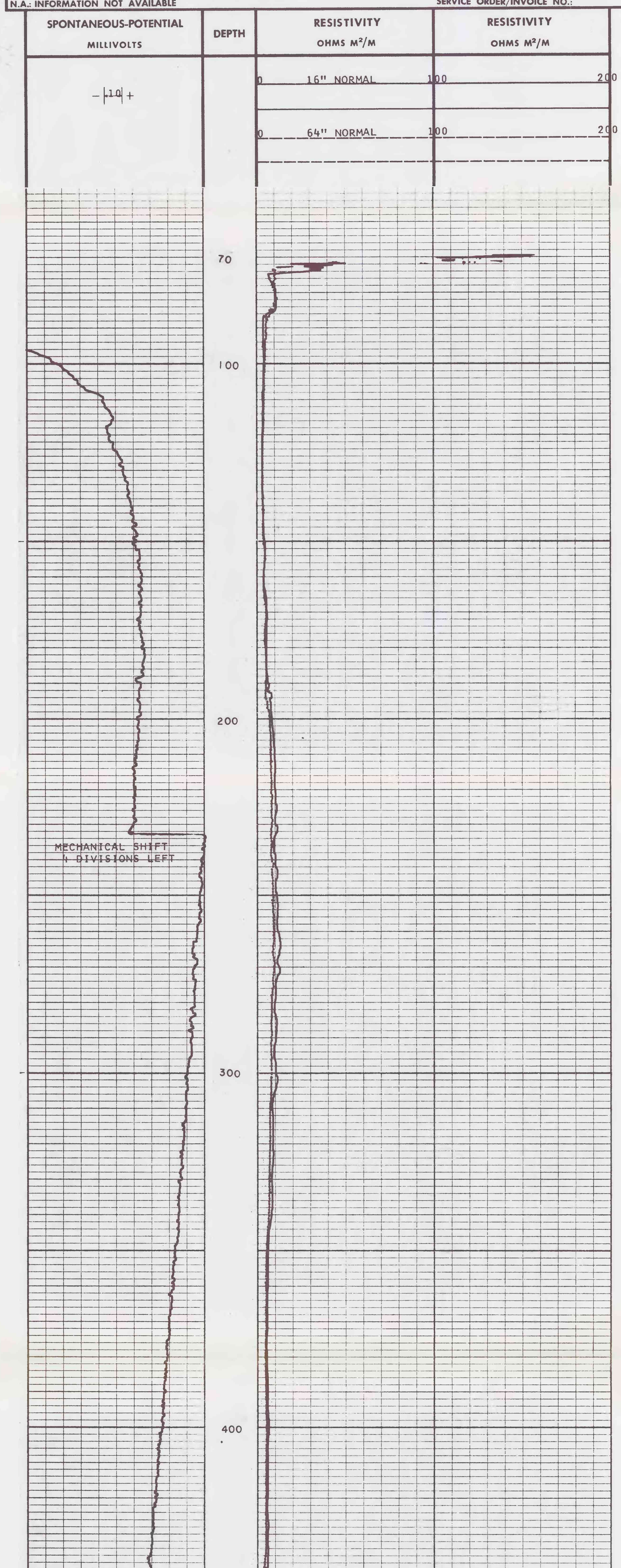
EQUIPMENT DATA

RUN NO.	SONDE MODEL NO.	SERIAL NO.	SONDE POS.	SONDE DIA	OTHER
1			FREE	2"	
	33'				

REMARKS:

N.A. INFORMATION NOT AVAILABLE

SERVICE ORDER/INVOICE NO.



CALIBRATION DATA

COMPANY	HAYDEN FARMER DRILLING COMPANY	DRILLER T.D.	776'
WELL	AK 1A	BIRDWELL T.D.	740'
FIELD	ALTON-KANAB	BIRDWELL F.R.	738'
LOCATION	Sec. 21, T. 39 S., R. 5 W.	ELEV.: K.B.	N/A
COUNTY	KANE	D.F.	N/A
STATE	UTAH DATE 5 JUNE 76	G.L.	7330

Birdwell Division
Seismograph Service Corporation
A SUBSIDIARY OF RAYTHEON COMPANY
SSC-705-B