Figure 6.--DRILL-HOLE NO. AK-1-SC
Spontaneous-Potential and Resistivity log

BIRDWELL

Electric Log

COMPANY HAYDEN FARMER DRILLING COMPANY
U.S. Geological Survey
WELL AK 1 SC
FIELD ALTON-KANAB, Skutumpah Ck.
COUNTY KANE STATE UTAH
LOCATION: SE4SE4
1100 ft F E line, 122 ft F S line
OTHER SERVICES: GR-FDL-CAL
SEC. 34 TWP. 39S RGE. 4-1/2W
PERMANENT DATUM GROUND LEVEL ELEV. 6960'
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. 6960'

DATE	10 JUNE 76		
RUN NO.	ONE		
DEPTH—DRILLER	950'		
DEPTH—LOGGER	944'		
BTM. LOG INTER.	941'		
TOP LOG INTER.	30		
CASING—DRILLER	@	@	@
CASING—LOGGER			
BIT SIZE	5-1/4"		
TYPE FLUID IN HOLE	MUD		
LIQUID LEVEL			
DENS. / VISC.			
pH / FLUID LOSS	22 ml	ml	ml
SOURCE OF SAMPLE	CIR. PIT		
Rm @ MEAS. TEMP.	6 @ 64 °F	@ °F	@ °F
Rmf @ MEAS. TEMP.	5.8 @ 64 °F	@ °F	@ °F
Rmc @ MEAS. TEMP.	4.5 @ 63 °F	@ °F	@ °F
SOURCE Rmf / Rmc	BA / BA		
Rm @ B.H.T.	6.2 @ 68 °F	@ °F	@ °F
TIME SINCE CIRC.	3 HRS		
MAX. REC. TEMP.	°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		
Rm @ MEAS. TEMP.	@ °F	@ °F
Rmf @ MEAS. TEMP.	@ °F	@ °F
Rmc @ MEAS. TEMP.	@ °F	@ °F
SOURCE Rmf / Rmc		
Rm @ B.H.T.	@ °F	@ °F
Rmf @ B.H.T.	@ °F	@ °F
Rmc @ B.H.T.	@ °F	@ °F

SCALE CHANGES:

TYPE LOG	DEPTH	SCALE UP HOLE	SCALE DOWN HOLE

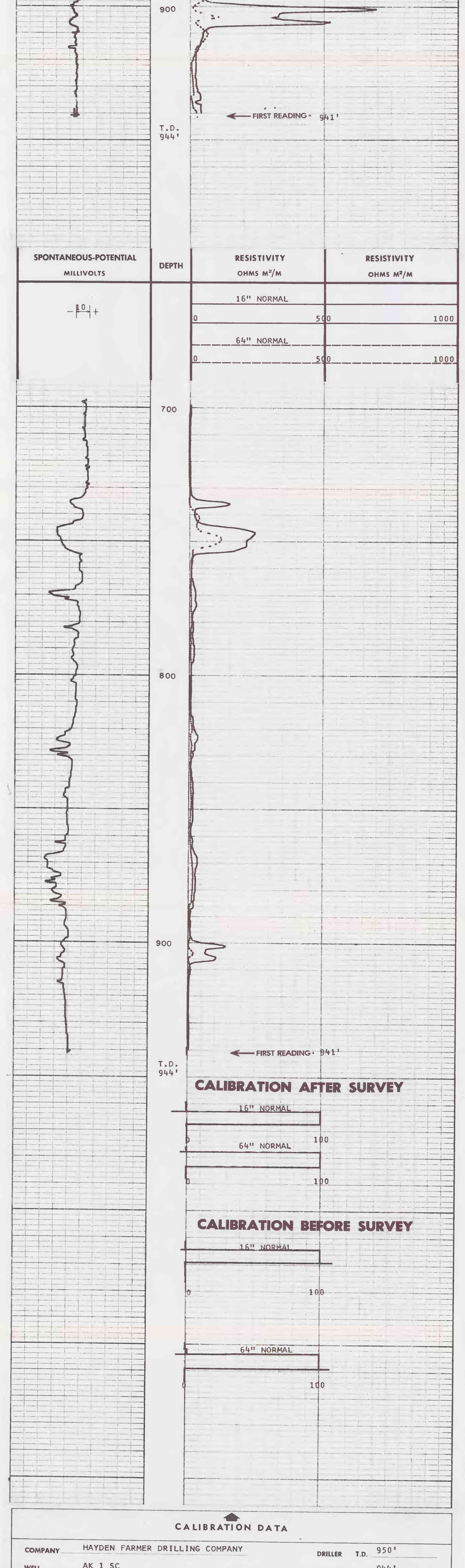
EQUIPMENT DATA

RUN NO.	SONDE MODEL NO.	SERIAL NO.	SONDE POS.	SONDE DIA	OTHER
ONE	E-LOG		FREE		

REMARKS:

N.A.: INFORMATION NOT AVAILABLE

SERVICE ORDER/INVOICE NO.:



CALIBRATION DATA

COMPANY HAYDEN FARMER DRILLING COMPANY
WELL AK 1 SC
FIELD ALTON-KANAB, Skutumpah Ck.
LOCATION SEC. 34, TWP. 39S, RGE. 4-1/2W
COUNTY KANE
STATE UTAH DATE 10 JUNE 76

DRILLER T.D. 950'
BIRDWELL T.D. 944'
BIRDWELL F.R. 941'
ELEV.: K.B. N/A
D.F. N/A
G.L. 6960'

Birdwell Division
Seismograph Service Corporation

BSC-705-B