UGR File L 77

PERMIT NO: MAS-146 47-053

FILE COPY

BIRDWELL

Induction

COMPANY: REEL DRILLING COMPANY

WELL: D/K FARMS #3

FIELD: ROBISON DISTRICT

COUNTY: MASON　STATE: W. VA.

LOCATION: POTTER QUAD: POINT PLEASANT

OTHER SERVICES: GRS-DBC-ENP TL-WSS-GR

SEC.　TWP.　RGE.

PERMANENT DATUM: G.L.　ELEV. 665

LOG MEASURED FROM: G.L.　0 FT. ABOVE PERM. DATUM

DRILLING MEASURED FROM: G.L.

ELEV. K.B. 675　D.F. –　G.L. 665

DATE	1-10-78			
RUN NO.	ONE			
DEPTH—DRILLER	3407			
DEPTH—LOGGER	3415			
BTM. LOG INTER.	3404			
TOP LOG INTER.	1874			
CASING—DRILLER	8 5/8 @ 1890	@	@	@
CASING—LOGGER	1874			
BIT SIZE	7 7/8			
TYPE FLUID IN HOLE	AIR			
LIQUID LEVEL				
DENS. / VISC.				
pH / FLUID LOSS	ml	ml	ml	ml
SOURCE OF SAMPLE				
Rm @ MEAS. TEMP.	@ °F	@ °F	@ °F	@ °F
Rmf @ MEAS. TEMP.	@ °F	@ °F	@ °F	@ °F
Rmc @ MEAS. TEMP.	@ °F	@ °F	@ °F	@ °F
SOURCE Rmf / Rmc				
Rm @ B.H.T.	@ °F	@ °F	@ °F	@ °F
TIME SINCE CIRC.				
MAX. REC. TEMP.	95 °F	°F	°F	°F
EQUIP. / LOCATION	3004 / CHARLESTON, W. VA.			
RECORDED BY	R. SEIDEL			
WITNESSED BY	MR. MYUNG			

SSC-657-1-D

CHANGES IN MUD TYPE OR ADDITIONAL SAMPLES

DATE / SAMPLE NO.		
DEPTH DRILLER		
TYPE FLUID IN HOLE		
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

EQUIPMENT & LOGGING DATA

RUN NO.	ONE
PANEL MODEL NO.	LBFF1001
PANEL SERIAL NO.	20
SONDE MODEL NO.	LBFF6001
SONDE SERIAL NO.	31
STANDOFF INCHES	1"
LOGGING SPEED F.P.M.	70
SERVICE ORDER/INV.	523830

REMARKS: DEPTH 8' OFF DUE TO SHEAVE WHEEL ICING ON MEASURING SYSTEM.

SCALE CHANGES:

TYPE LOG	DEPTH	SCALE UP HOLE	SCALE DOWN HOLE

☒ SURFACE DETERMINED SONDE ERROR USED

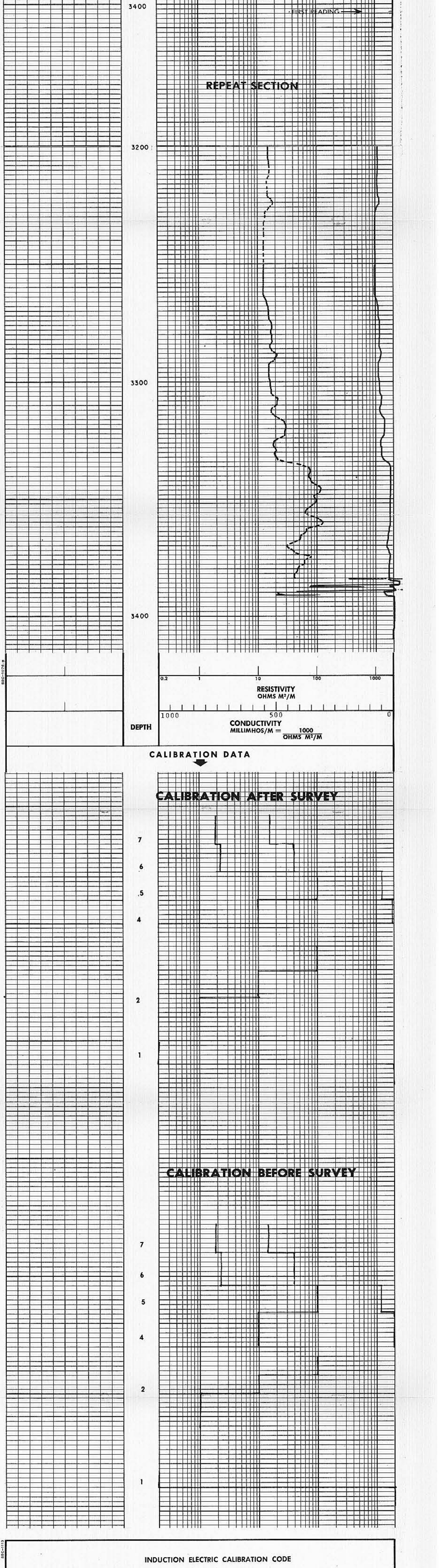
☐ SONDE ERROR CORRECTED FOR ____ INCH BOREHOLE SIGNAL AT Rm. = ____

☐ INDUCTION ZERO SET IN HOLE AT DEPTH OF ____ FEET

DEPTH

CONDUCTIVITY MILLIMHOS/M = 1000 / OHMS M²/M　1000　500　0

RESISTIVITY OHMS M²/M　0.2　1　10　100　1000



SSC-1113

INDUCTION ELECTRIC CALIBRATION CODE

1. CONDUCTIVITY RECORDER CALIBRATION SIGNALS
2. INDUCTION RESISTIVITY RECORDER CALIBRATION SIGNALS
3. 16" NORMAL RESISTIVITY RECORDER CALIBRATION SIGNALS
4. ELECTRICAL ZERO
5. SONDE ERROR 10 MMHOS
6. INTERNAL CALIBRATION 425 MMHOS SKIN EFFECT OFF
7. INTERNAL CALIBRATION SKIN EFFECT ON
8. 16" NORMAL INTERNAL CALIBRATION 10 OHMS M^2/M
9. SPONTANEOUS POTENTIAL CALIBRATION ☐ 50 M.V. ☐ 100 M.V.
10. ZERO SIGNAL IN AIR } SURFACE CALIBRATION ONLY
11. TEST LOOP — 400 MMHOS } SURFACE CALIBRATION ONLY

CALIBRATION DATA

COMPANY	REEL DRILLING COMPANY	DRILLER T.D.	3407
WELL	D/K FARMS #3	BIRDWELL T.D.	3415
FIELD	ROBISON DISTRICT	BIRDWELL F.R.	3404
LOCATION	POTTER QUAD: POINT PLEASANT	ELEV.: K.B.	675
COUNTY	MASON	D.F.	–
STATE	W. VA. DATE 1-10-78	G.L.	665

BIRDWELL DIVISION

Seismograph Service Corporation
A SUBSIDIARY OF RAYTHEON COMPANY

SSC-705-C