UGR File L 147

BIRDWELL

Induction

PERMIT NO:
LIN-1829
47-043

COMPANY PETROLEUM TECHNOLOGY CORPORATION

WELL PTC #2

FIELD

COUNTY LINCOLN **STATE** W. VA.

LOCATION: SULPHUR SPRING BRANCH

SEC. **TWP.** **RGE.**

OTHER SERVICES:
GRS-DBC-TL
WSS-GRS

PERMANENT DATUM G.L. , ELEV. 884.36
LOG MEASURED FROM K.B., 10 FT. ABOVE PERM. DATUM
DRILLING MEASURED FROM K.B.

ELEV. K.B. 894.36
D.F. 893.36
G.L. 884.36

DATE	10-17-77			
RUN NO.	ONE			
DEPTH—DRILLER	3600			
DEPTH—LOGGER	3600			
BTM. LOG INTER.	3595			
TOP LOG INTER.	1744			
CASING—DRILLER	7" @ 1750	@	@	@
CASING—LOGGER	1744			
BIT SIZE	6 1/4			
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.	6 HR.			
MAX. REC. TEMP.	105 °F	°F	°F	°F
EQUIP. | LOCATION	3085 | CHARLESTON, W. VA.			
RECORDED BY	R. SEIDEL			
WITNESSED BY	MR. GRAHAM			

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

REMARKS:

EQUIPMENT & LOGGING DATA

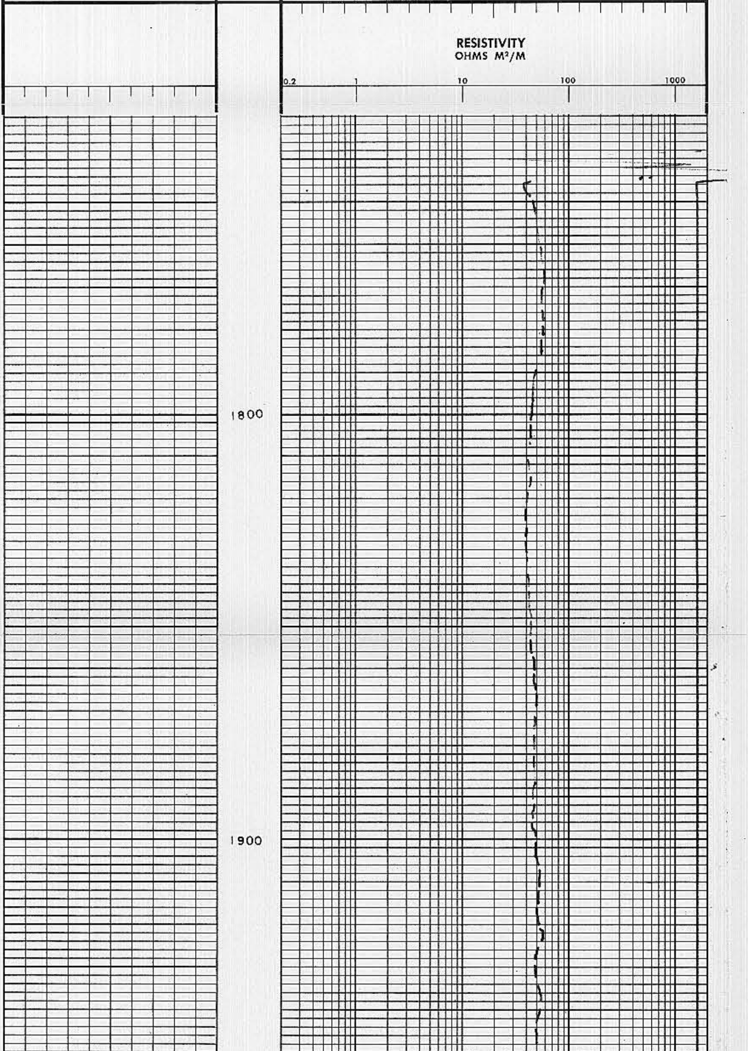
RUN NO.	ONE			
PANEL MODEL NO.	LBFF1001			
PANEL SERIAL NO.	20			
SONDE MODEL NO.	LBFF6001			
SONDE SERIAL NO.	16			
STANDOFF INCHES	-			
LOGGING SPEED F.P.M.	60			
SERVICE ORDER/INV.	523831			

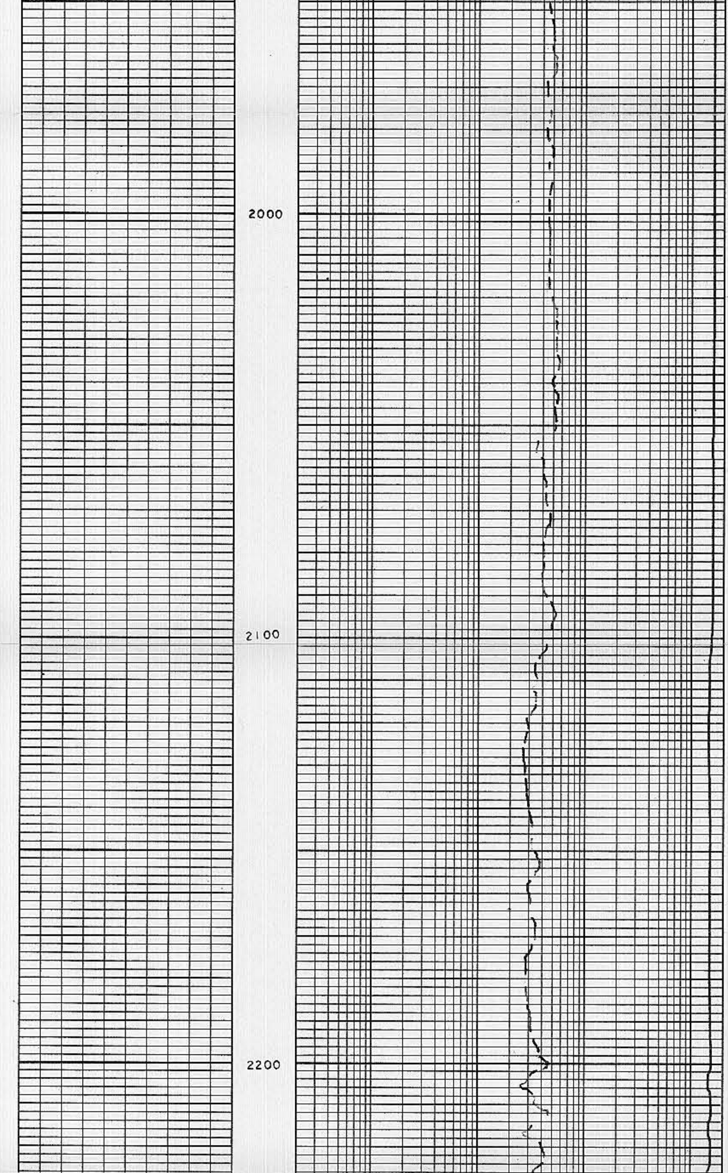
SCALE CHANGES:

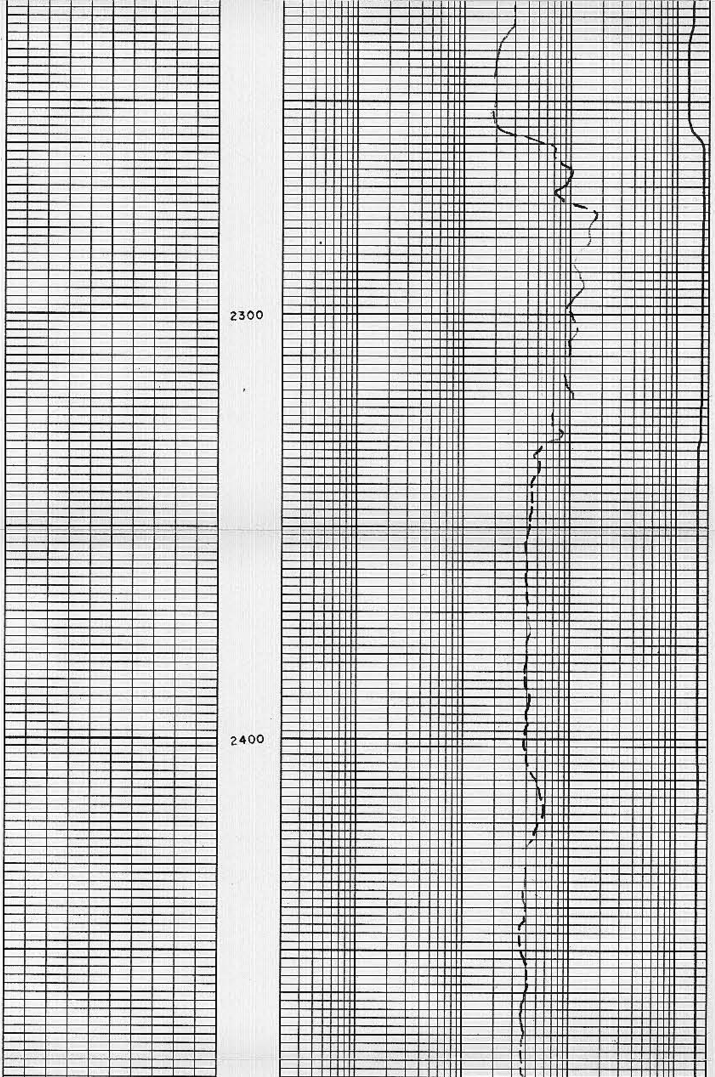
TYPE LOG	DEPTH	SCALE UP HOLE	SCALE DOWN HOLE

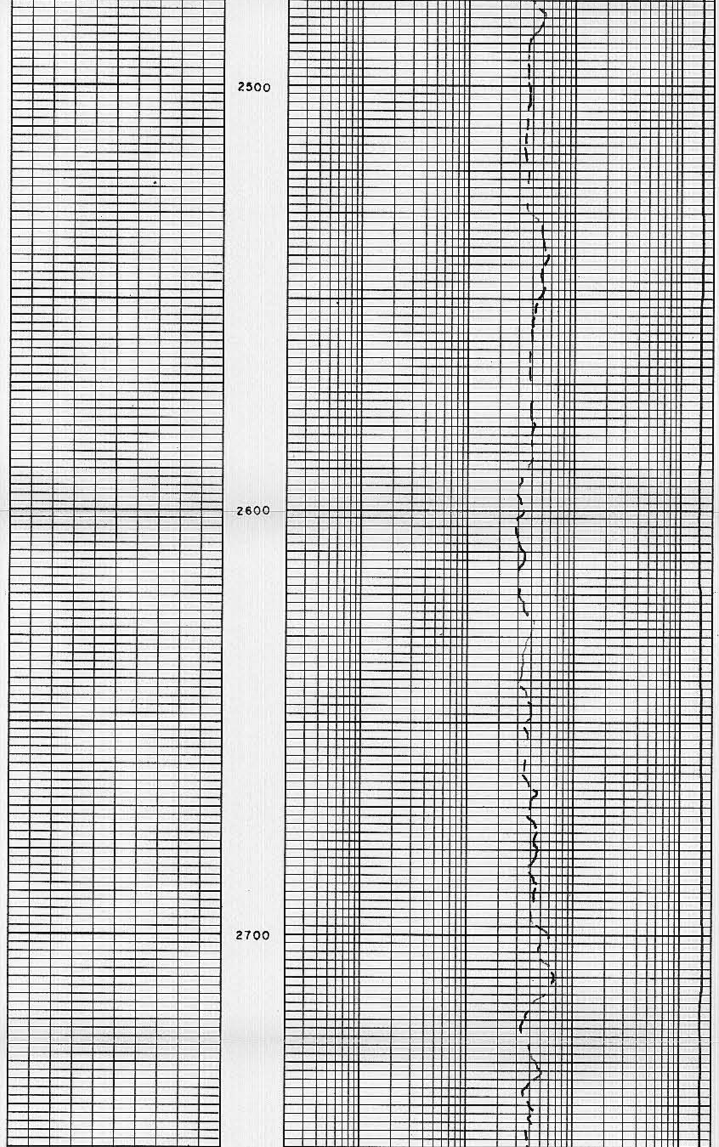
☒ SURFACE DETERMINED SONDE ERROR USED
☐ SONDE ERROR CORRECTED FOR ____ INCH BOREHOLE SIGNAL AT R_m = ____
☐ INDUCTION ZERO SET IN HOLE AT DEPTH OF ____ FEET

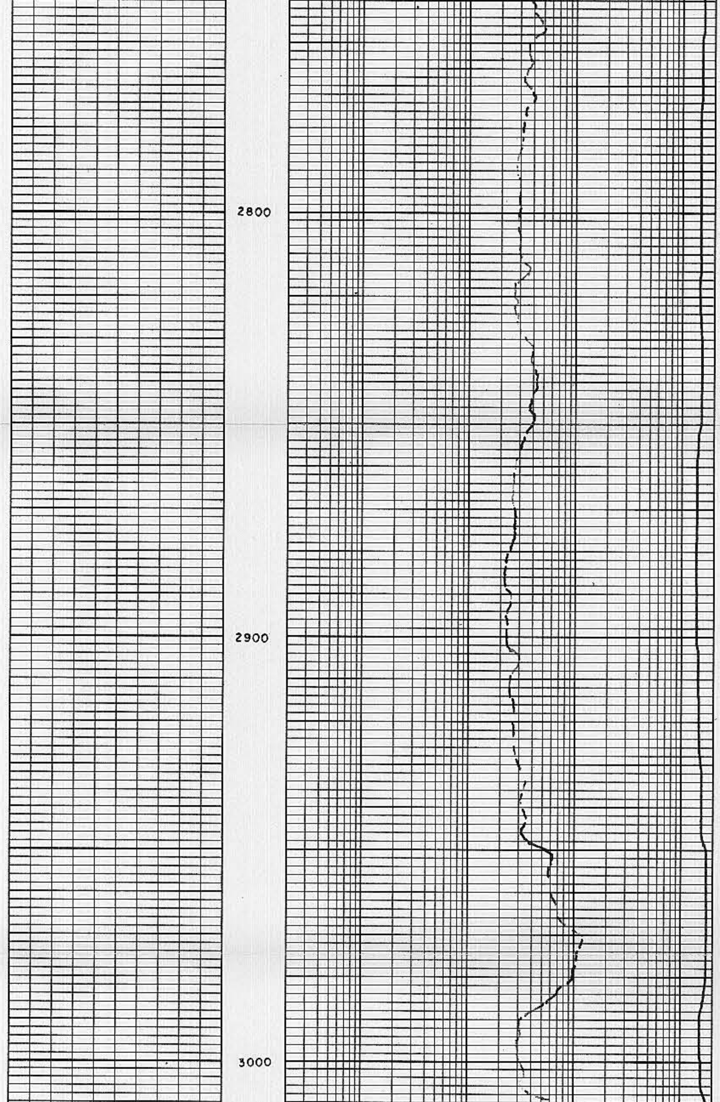
DEPTH	CONDUCTIVITY MILLIMHOS/M = $\frac{1000}{\text{OHMS M}^2\text{/M}}$
	1000 500 0

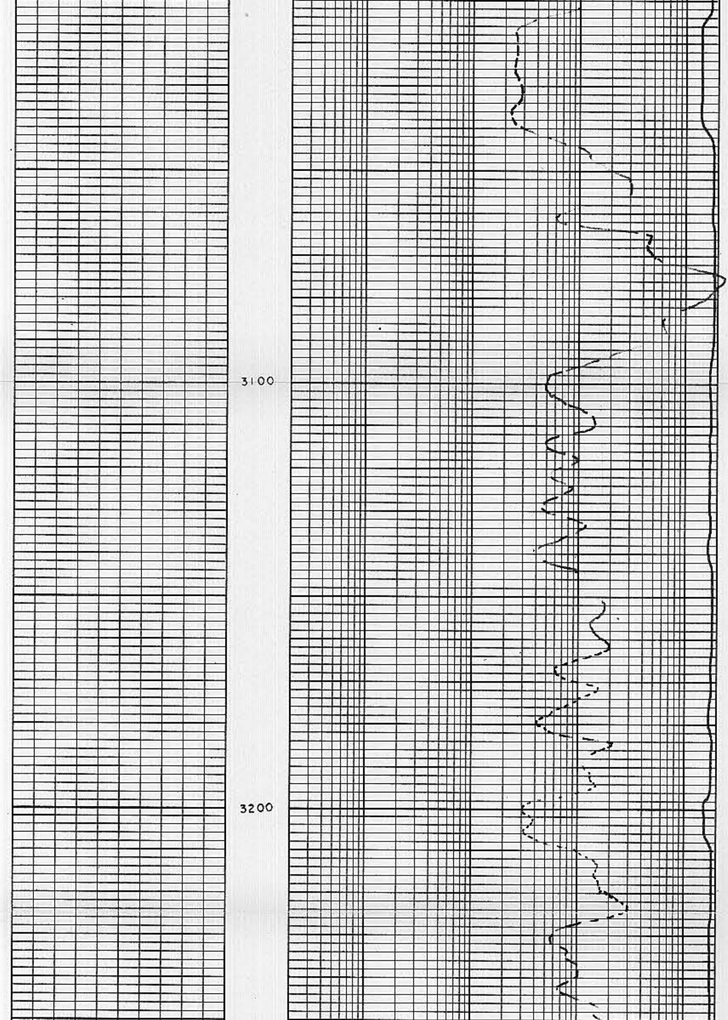


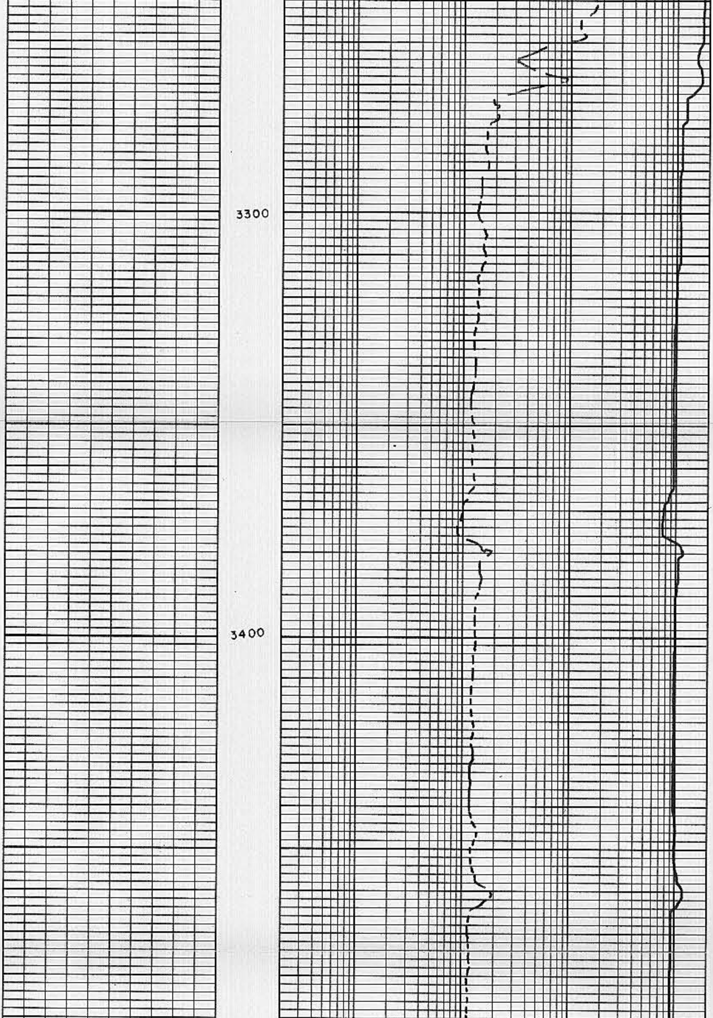


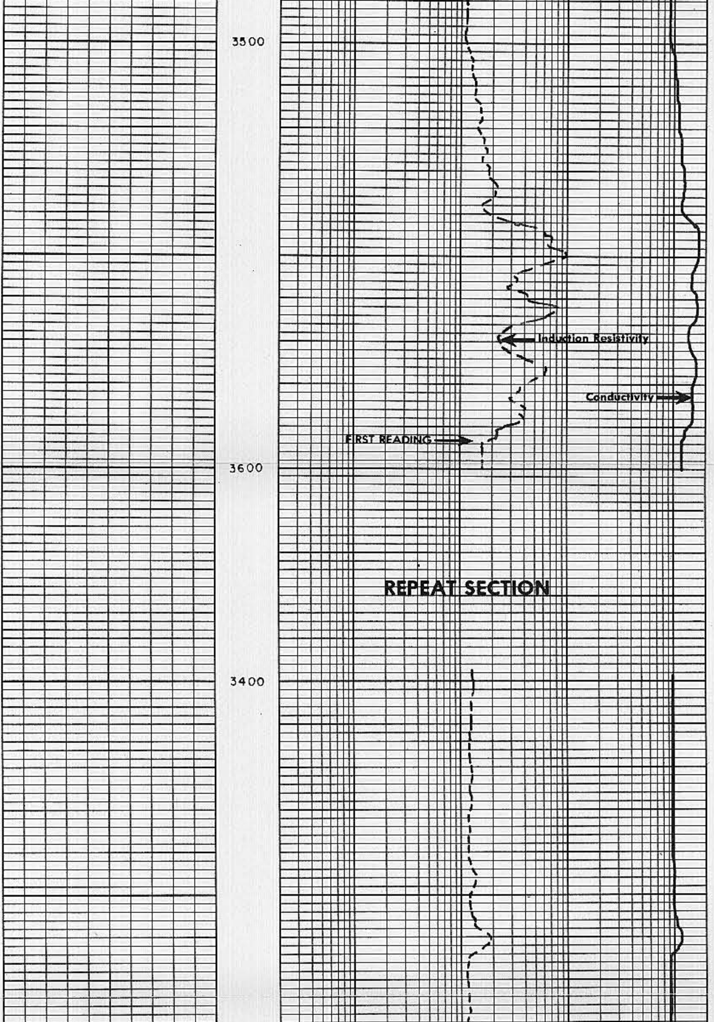


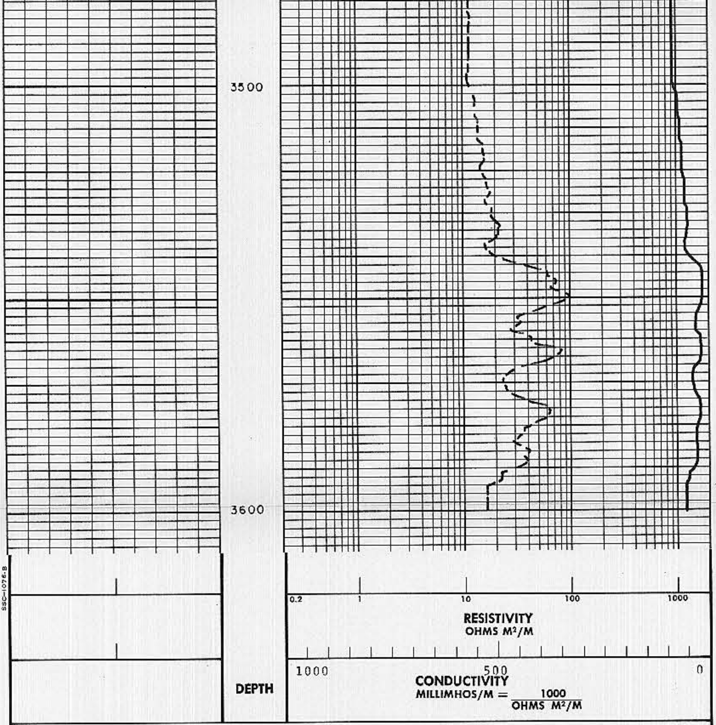




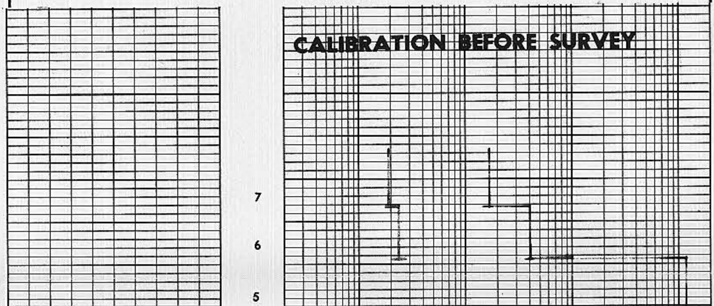


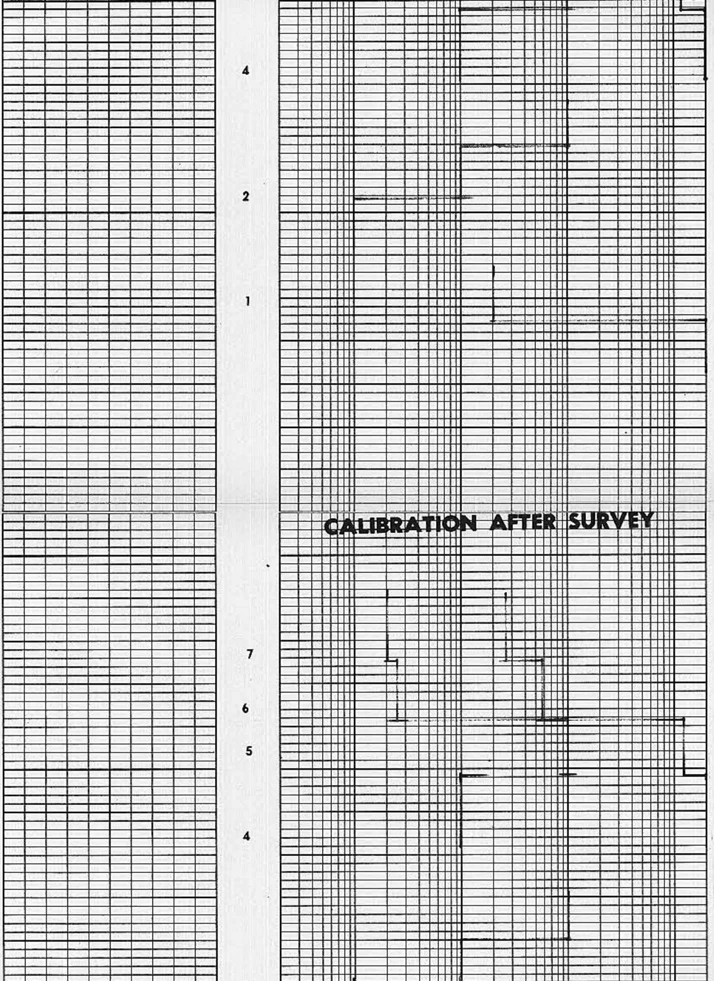




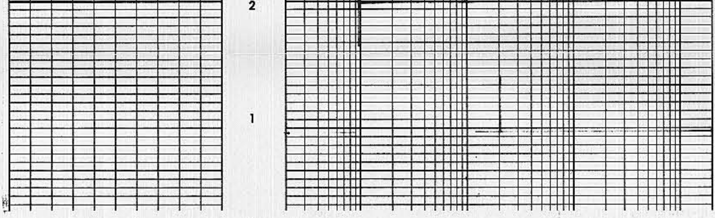


CALIBRATION DATA





CALIBRATION AFTER SURVEY



SSC-T112

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 415 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	PETROLEUM TECHNOLOGY CORPORATION	**DRILLER**	**T.D.** 3600
WELL	PTC #2	**BIRDWELL**	**T.D.** 3600
FIELD		**BIRDWELL**	**F.R.** 3595
LOCATION	SULPHUR SPRING BRANCH	**ELEV.:**	**K.B.** 894.36
COUNTY	LINCOLN		**D.F.** 893.36
STATE	W. VA. **DATE** 10-17-77		**G.L.** 884.36

BIRDWELL DIVISION

Seismograph Service Corporation
A SUBSIDIARY OF RAYTHEON COMPANY

SSC-705-C

EGSP
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