UGR File L 167

BIRDWELL

3-D Velocity

FILE COPY

COMPANY	THURLOW WEED & ASSOC. INC.
WELL	FRAVEL #1
FIELD	MT. VERNON WEST
COUNTY	KNOX
STATE	OHIO
LOCATION:	
SEC.	TWP. CLINTON RGE.
OTHER SERVICES:	

PERMANENT DATUM GL, ELEV. N.A.
LOG MEASURED FROM GL Ft. Above Perm. Datum
DRILLING MEASURED FROM N.A.
ELEV KB. N.A. DF. N.A. GL. N.A.

DATE	11-21-78
RUN NO.	ONE
TYPE LOG	V3D
DEPTH — DRILLER	NA
DEPTH — LOGGER	1160'
BTM. LOG. INTER.	1160'
TOP LOG. INTER.	400'
TYPE FLUID IN HOLE	WATER
LIQUID LEVEL	192'
MAX. REC. TEMP.—°F	NA
OPER. RIG TIME	1.5 HRS
RECORDED BY	J. TAYLOR
WITNESSED BY	T. WEED P. HENRY
LOCATION	WOOSTER
UNIT NO.	3046
SERVICE ORD./INV. NO	528132
TYPE WELL	
DRILLED WITH	ROT. ☐ C.T. ☐

U. S. DEPARTMENT OF ENERGY
MORGANTOWN ENERGY TECHNOLOGY CENTER
c/o EASTERN GAS SHALES PROJECT
P. O. BOX 880
MORGANTOWN, W.VA. 26505

SSC-636-1-D

EQUIPMENT DATA				
RUN NO.	LLAA 1001			
CAMERA MOD. NO.	ONE			
CAMERA SER. NO.	ONE			
SONDE MODEL NO.	LUAG 6001			
SONDE SER. NO.	35			
DIAMETER	3 5/8"			
BUMPER O.D. OR	2"			
CENT. RANGE INCHES	NA			
SPACING CT TO CR	6'	3'		

LOGGING DATA				
TOTAL SWEEP TIME	1000	1000		
SWEEP DELAY	200	200		
DEPTH SCALE FT./MARK	10	10		
TIMING SCALE μS/MARK	100	100		
LOGGING SPEED FT./MIN.	50	50		
TIME LOG STARTED	8:00			
TIME LOG FINISHED		9:30		

BOREHOLE RECORD				
CASING SIZE	8"			
CASING WT.	NA			
DEPTH SET	460'			
HOLE SIZE	7"			

CEMENTING DATA				
PRIMARY OR SQUEEZE				
CEMENT VOLUME				
CEMENT TYPE				
RETARD ☐ OR ACCEL. ☐ %				
OTHER ACTIVITIES %				
SLURRY WT.				
WATER LOSS				
DISPLACEMENT RATE				
DISPLACEMENT FLUID				
PREFLUSH FLUID TYPE				
PREFLUSH FLUID AMT.				
DATE CEMENTED				
PREFLUSH RATE				
TIME CEMENTING FINISHED				

REMARKS:

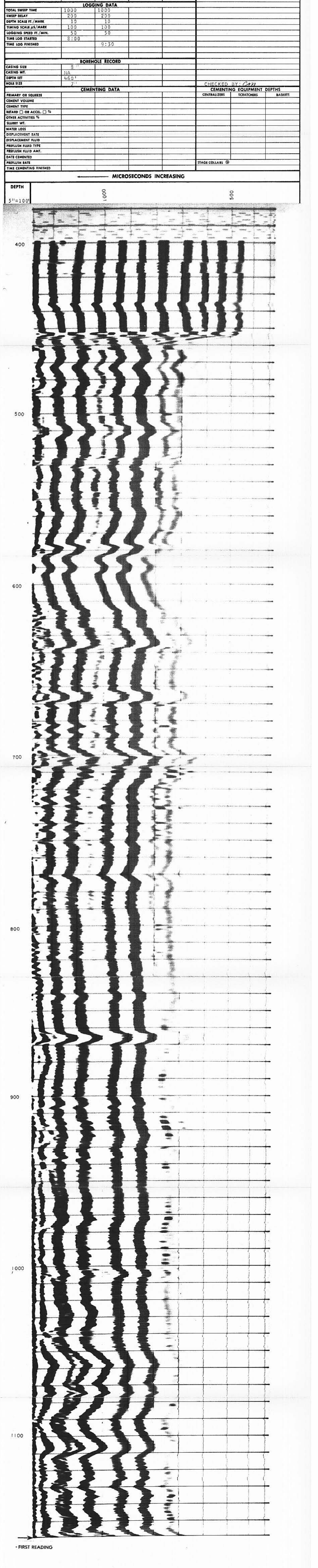
CHECKED BY: CM

CEMENTING EQUIPMENT DEPTHS		
CENTRALIZERS	SCRATCHERS	BASKETS

STAGE COLLARS @

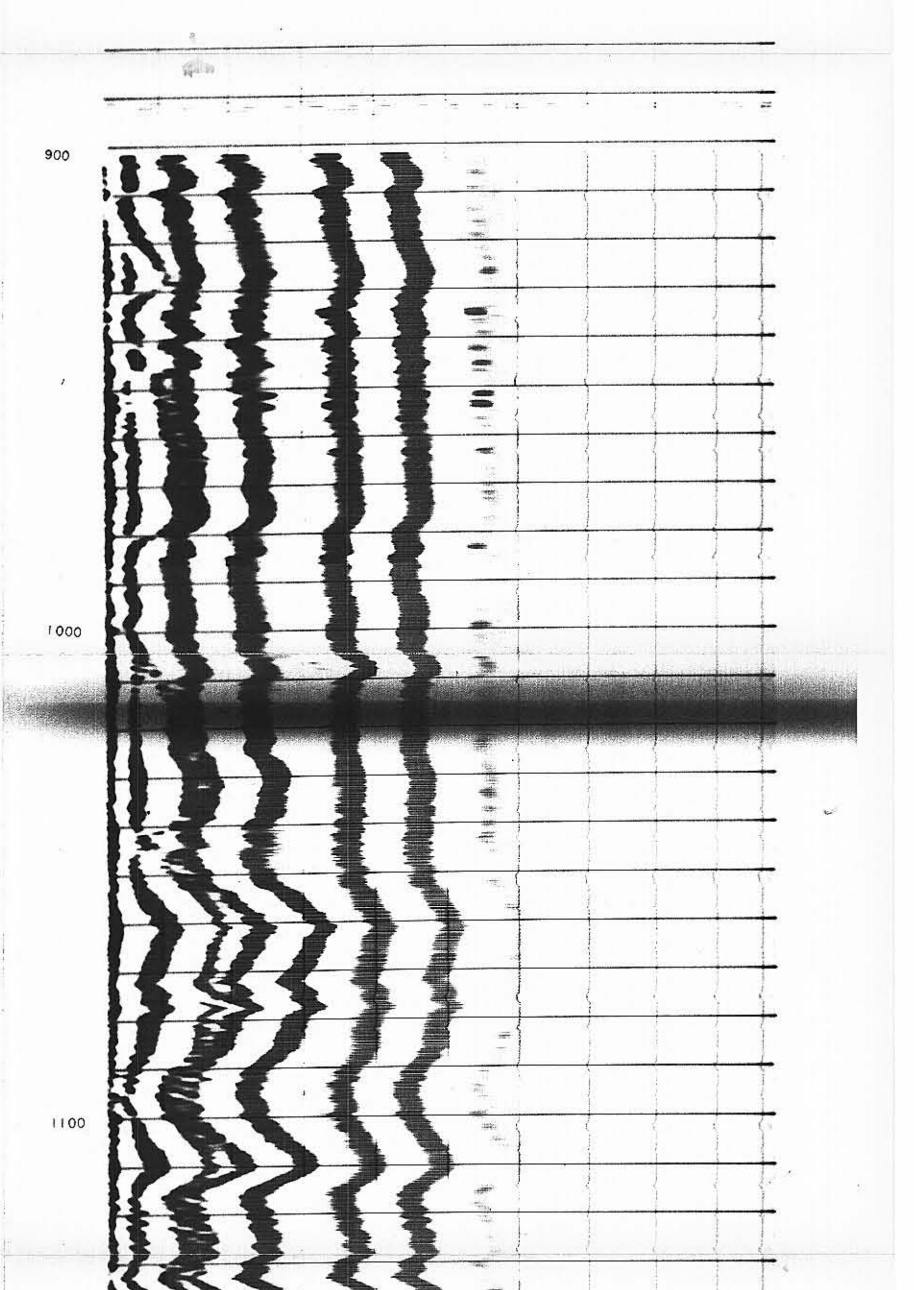
← MICROSECONDS INCREASING

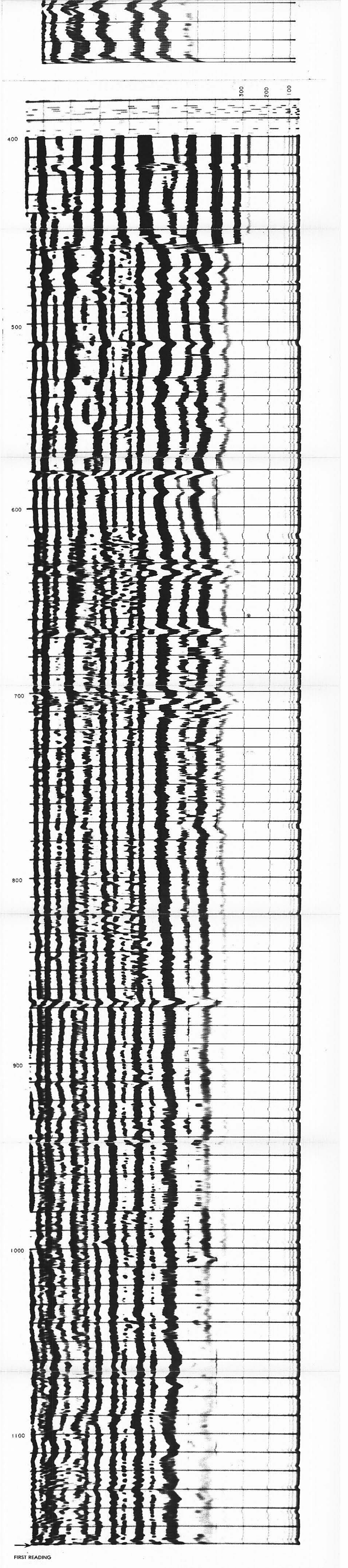
DEPTH 5"=100'



FIRST READING

REPEAT SECTION





FIRST READING

COMPANY	THURLOW WEED & ASSOC. INC.	DRILLER	T.D. N.A.
WELL	FRAVEL #1	BIRDWELL	T.D. 1160'
FIELD	MT. VERNON WEST	BIRDWELL	F.R. 1160'
LOCATION	CLINTON TOWNSHIP	ELEV.:	K.B. N.A.
COUNTY	KNOX		D.F. N.A.
STATE	OHIO DATE 11-21-78		G.L. N.A.

BIRDWELL DIVISION
Seismograph Service Corporation
A SUBSIDIARY OF RAYTHEON COMPANY