CC 44-04-65

COUNTY COLUMBIA
FIELD MIST NEHALEM BASIN
LOCATION 4-6N-5W
WELL COLUMBIA COUNTY
NO. 44-4
COMPANY REICHHOLD ENERGY

Schlumberger

BOREHOLE COMPENSATED SONIC LOG

COMPANY REICHHOLD ENERGY CORPORATION

WELL COLUMBIA COUNTY NO. 44-4

FIELD MIST NEHALEM BASIN

COUNTY COLUMBIA STATE OREGON

LOCATION 1304'NORTH & 313'WEST FROM THE SOUTHEAST CORNER OF:

API SERIAL NO.	SEC	TWP	RANGE
	4	6N	5W

Other Services:
DI-SFL
HDT

Permanent Datum: GL ; Elev.: 1063.76
Log Measured From KB 10.5 Ft. Above Perm. Datum
Drilling Measured From KB

Elev.: K.B. 1074.26
D.F. --
G.L. 1063.76

Date	5-26-80			
Run No.	ONE			
Depth—Driller	3060			
Depth—Logger (Schl.)	3060			
Btm. Log Interval	3046			
Top Log Interval	406			
Casing—Driller	7" @407	@	@	@
Casing—Logger	406			
Bit Size	6¼"			
Type Fluid in Hole	LIGNOSULFONATE			
Dens. | Visc.	69 | 43	|	|	|
pH | Fluid Loss	9.5 | -- ml	ml	ml	ml
Source of Sample	FLOWLINE			
Rm @ Meas. Temp.	5.16 @50 °F	@ °F	@ °F	@ °F
Rmf @ Meas. Temp.	5.51 @52 °F	@ °F	@ °F	@ °F
Rmc @ Meas. Temp.	3.66 @52 °F	@ °F	@ °F	@ °F
Source: Rmf | Rmc	M | M	|	|	|
Rm @ BHT	3.06 @ 89 °F	@ °F	@ °F	@ °F
TIME Circulation Stopped	0400			
TIME Logger on Bottom	0830			
Max. Rec. Temp.	89 °F	°F	°F	°F
Equip. | Location	8126 | SAC	|	|	|
Recorded By	LINDGREN/CLAGUE			
Witnessed By	BRUER			

RECEIVED-PTLD
JUL 10 1980
DEPT OF GEOLOGY & MINERAL INDUS

FOLD HERE The well name, location and borehole reference data were furnished by the customer.

Run No.	ONE			
Service Order No.	123914			
Fluid Level	FULL			

EQUIPMENT DATA

Sonic Panel No.	DA-383			
Sonic Cart No.	BLUE			
Sonic Sonde No.	BLUE			
Mem. Panel No.	--			
G.R. Cart. No.	--			
G.R. Panel No.	--			
Caliper No.	495			
TTR No.	--			
Centralizers: No.	--			
Type	--			
Standoffs: No.	ONE			
Type	FIN			
Time Const.-Sec.	--			
Speed - F.P.M.	100			

CALIBRATION DATA

GR	BKG. CPS	--		
	Source CPS	--		
	Tc Sec	--		

SCALE CHANGES

Type Log	Depth	Scale Up Hole	Scale Down Hole

LOGGING DATA

Porosity Selectors				Depth	
Δt_m	Δt_f	Cp	Ø Scale	From	To

REMARKS

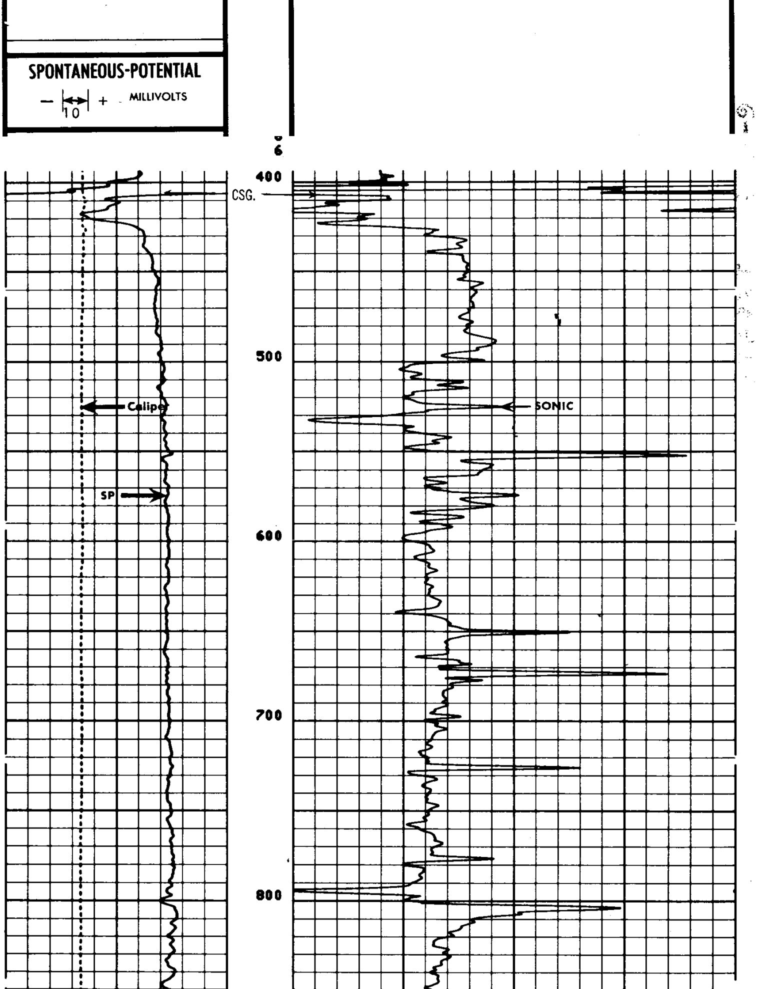
Velocity (ft/sec) = 1,000,000 / Interval Transit Time (microseconds per foot)

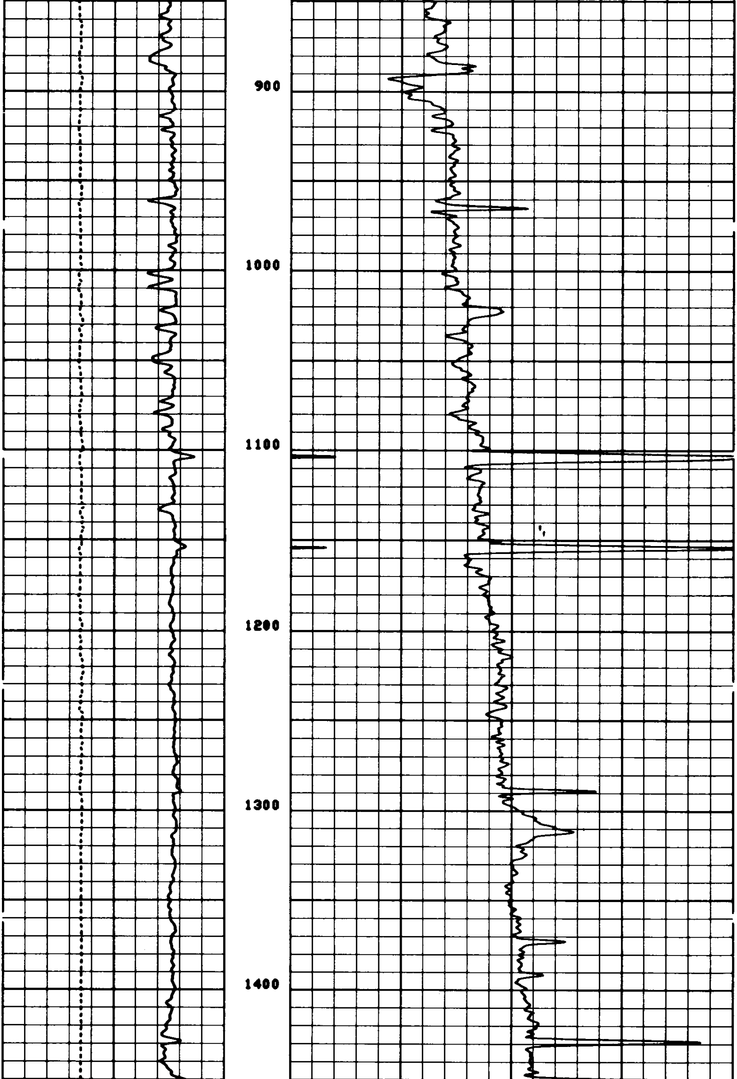
All interpretations are opinions based on inferences from electrical or other measurements and we cannot, and do not guarantee the accuracy or correctness of any interpretations, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, damages or expenses incurred or sustained by anyone resulting from any interpretation made by any of our officers, agents or employees. These interpretations are also subject to Clause 4 of our General Terms and Conditions as set out in our current Price Schedule.

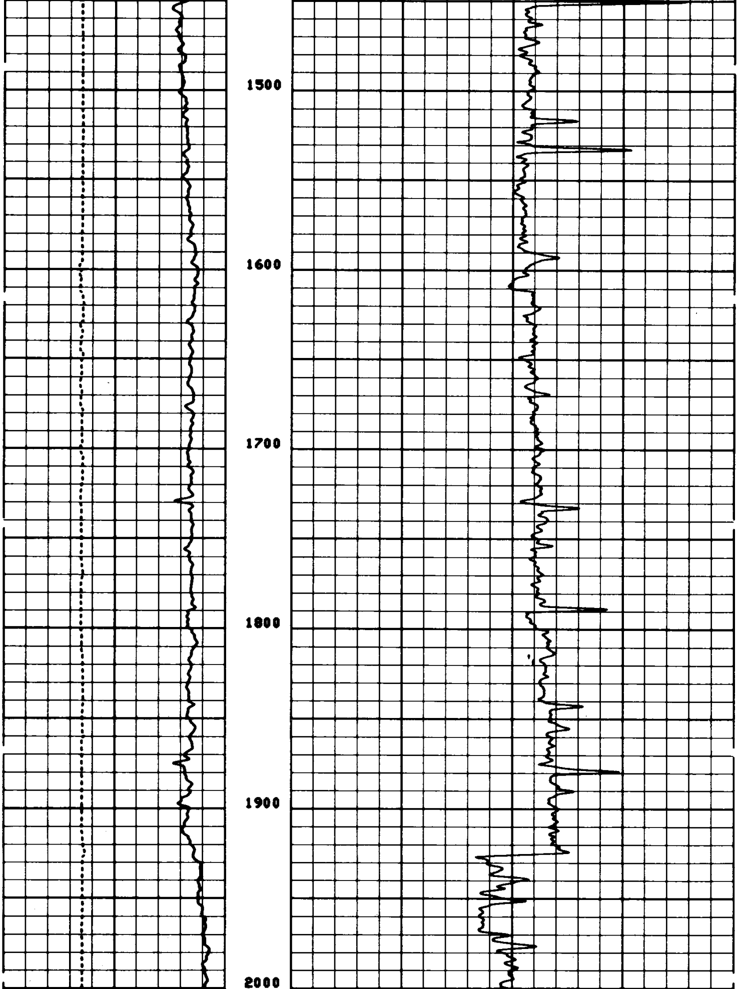
CALIPER DIAM. IN INCHES
3" 13"

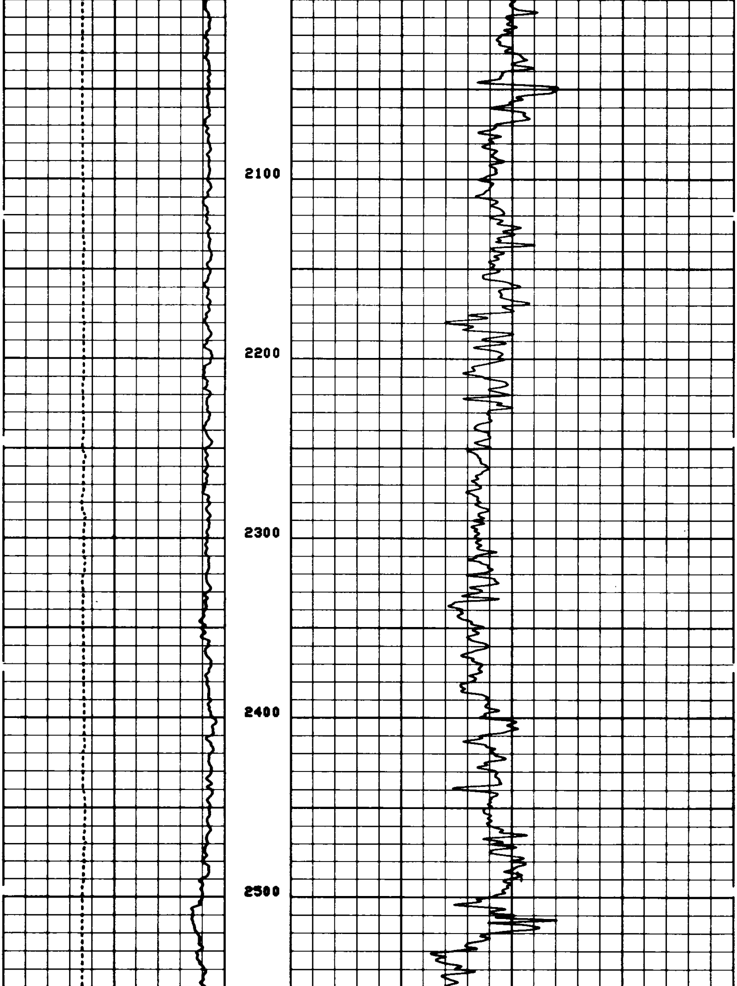
DEPTH

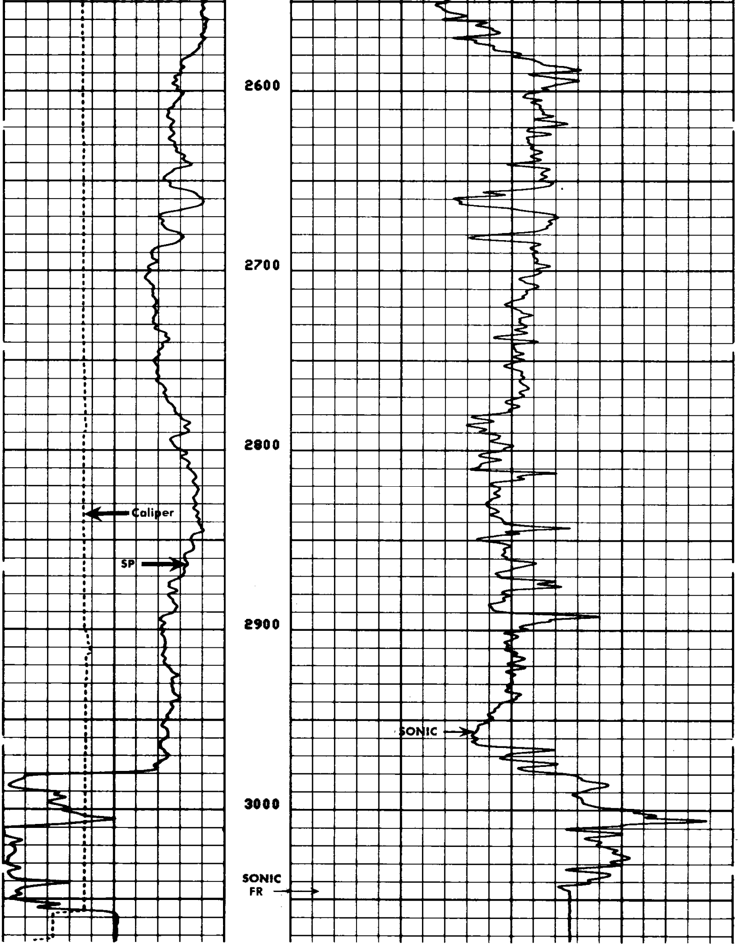
INTERVAL TRANSIT TIME MICROSECONDS PER FOOT T3' R₁2' R₂
175 125 75











6

SPONTANEOUS-POTENTIAL

10

— ↔ + MILLIVOLTS

CALIPER DIAM. IN INCHES

3" 13"

DEPTH

INTERVAL TRANSIT TIME MICROSECONDS PER FOOT T 3' R_1 2' R_2

175 125 75

COMPANY REICHHOLD ENERGY CORPORATION

WELL COLUMBIA COUNTY NO. 44-4

FIELD MIST NEHALEM BASIN

COUNTY COLUMBIA STATE OREGON

SCHL. FR 3046

SCHL. TD 3060

DRLR. TD 3060

Elev: KB 1074.26

DF --

GL 1063.76

DETAIL LOG

5" = 100'

CALIPER DIAM. IN INCHES

3" 13"

DEPTH

INTERVAL TRANSIT TIME MICROSECONDS PER FOOT T 3' R_1 2' R_2

175 125 75

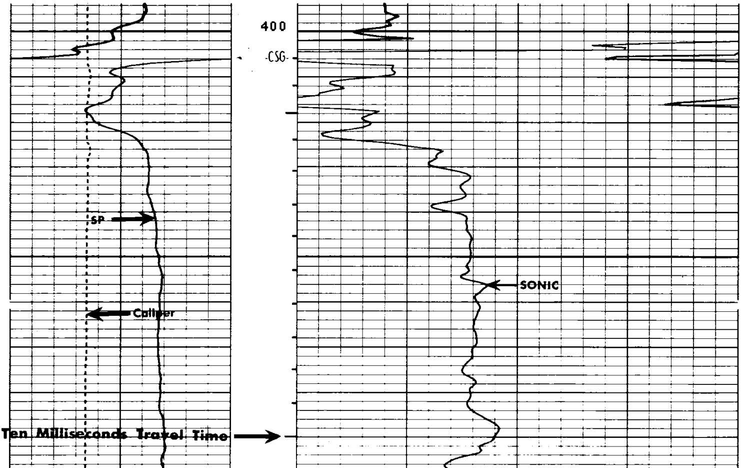
INTEGRATED TRAVEL TIME

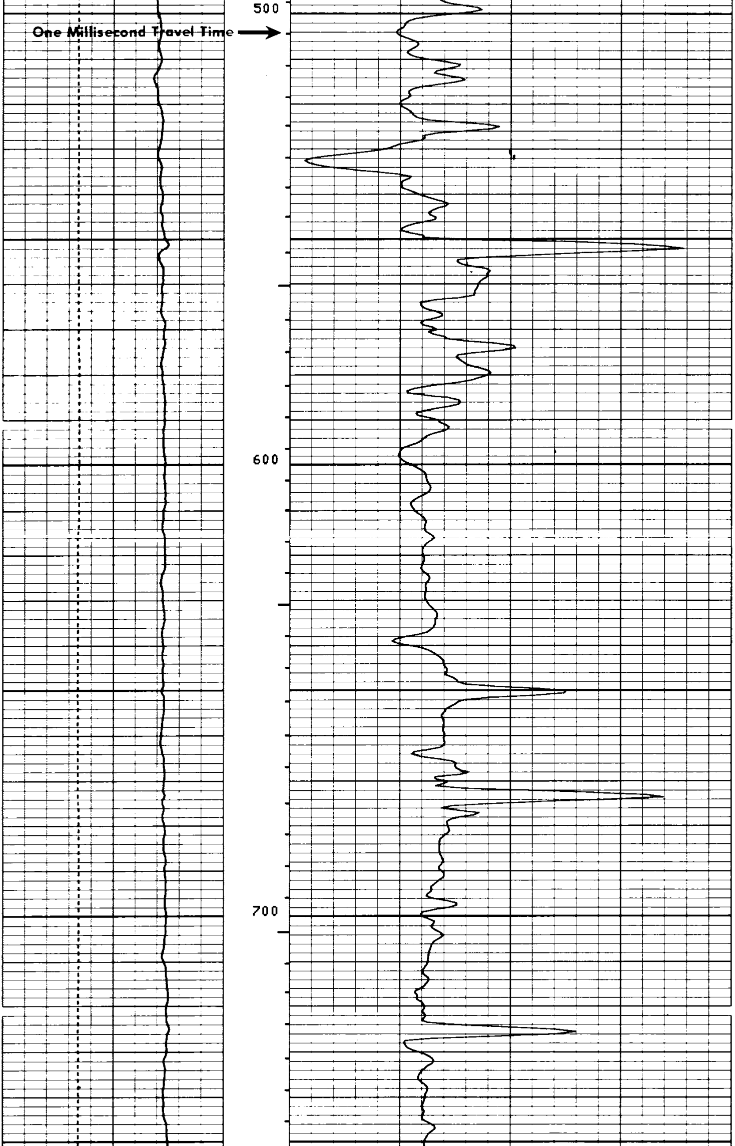
SPONTANEOUS-POTENTIAL

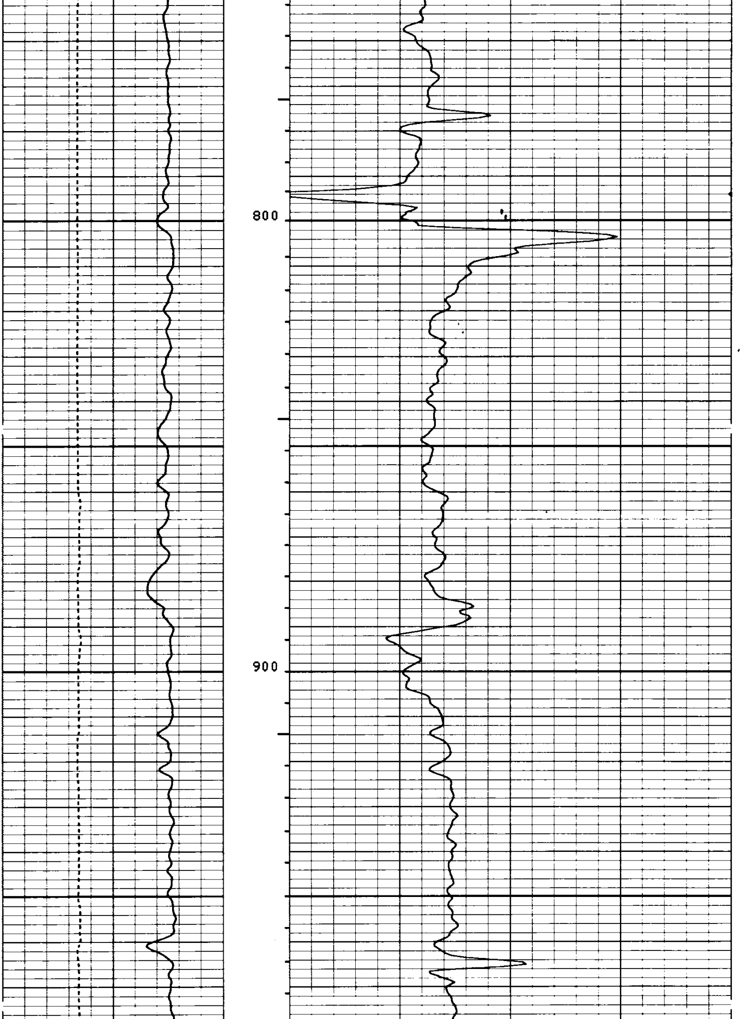
10

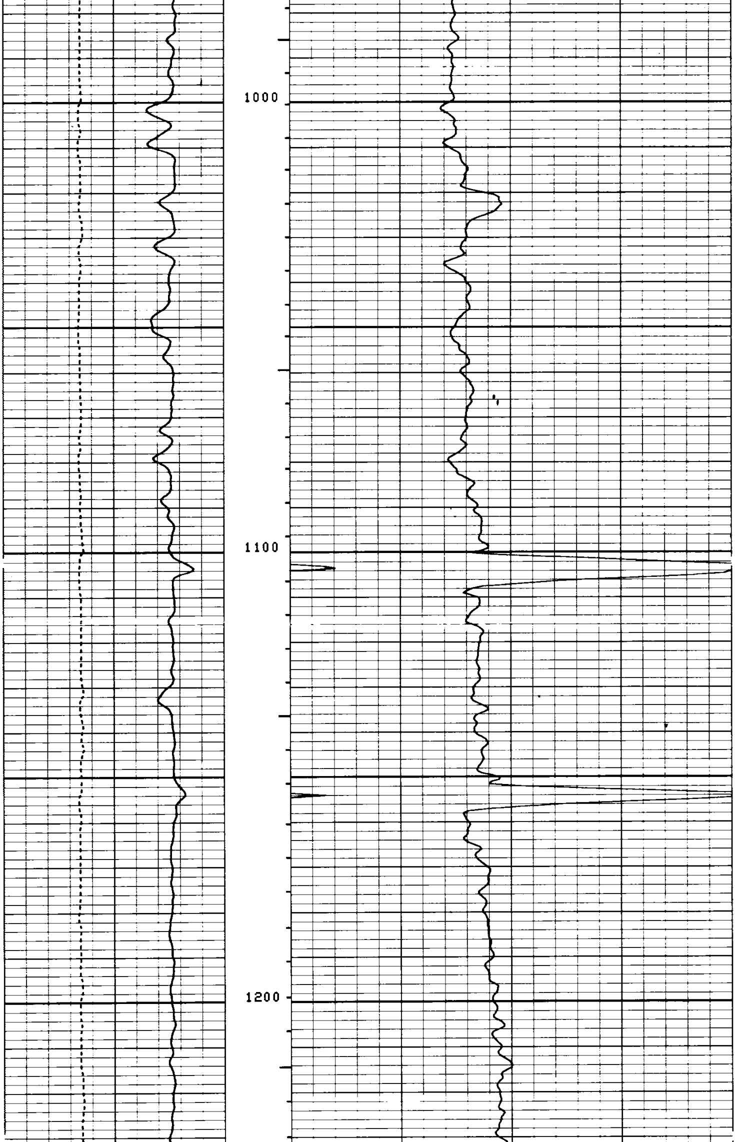
— ↔ + MILLIVOLTS

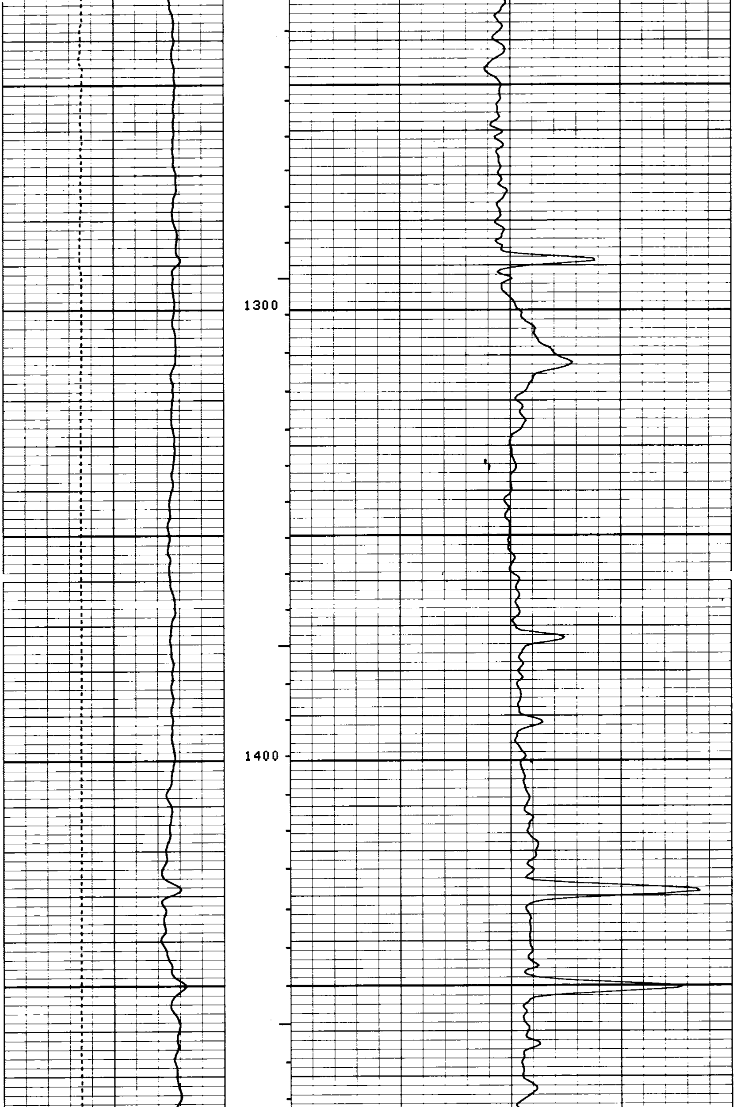
6
6

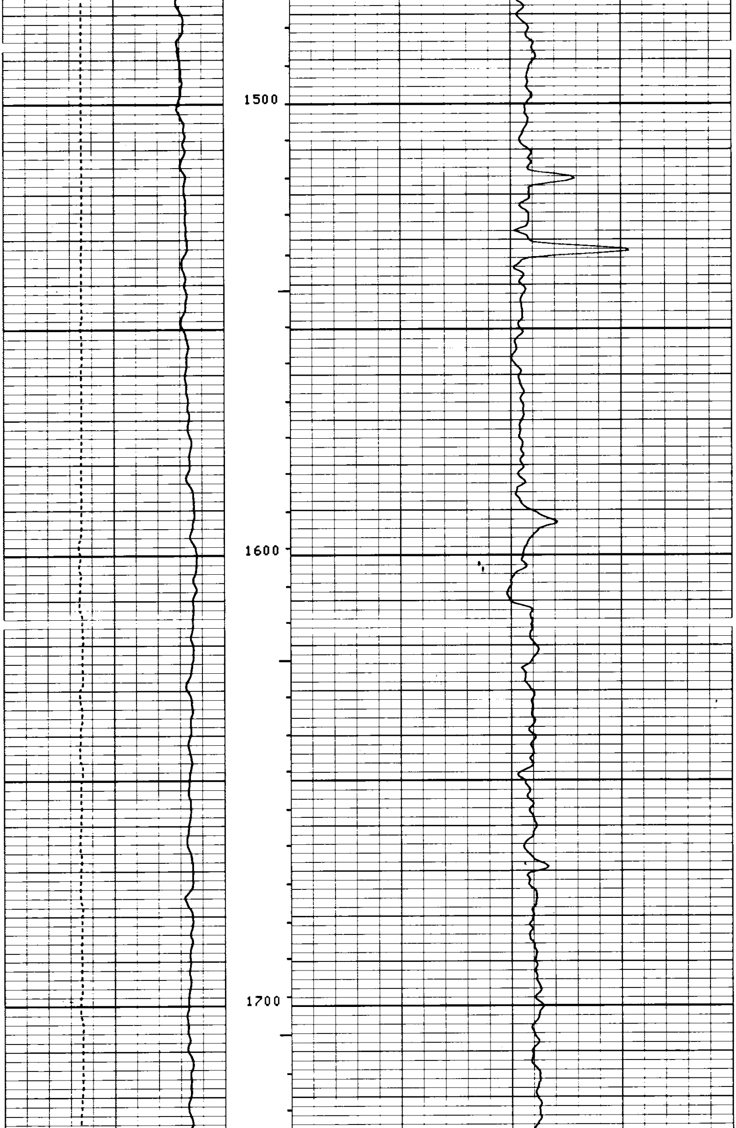


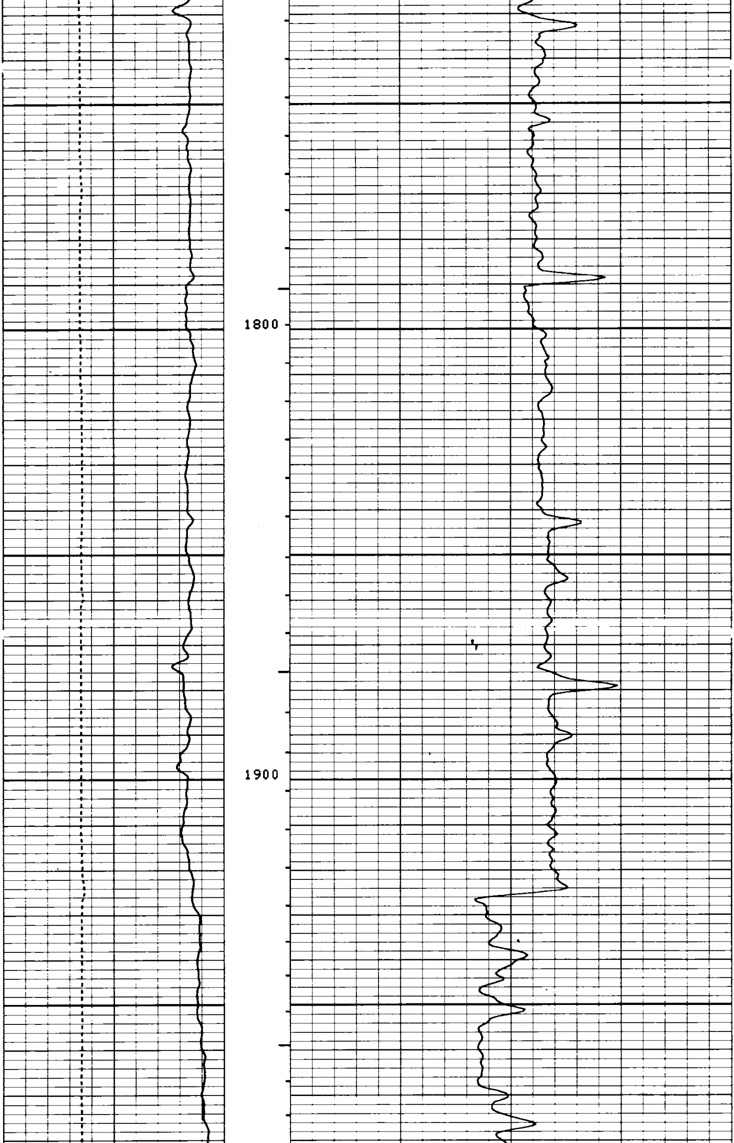


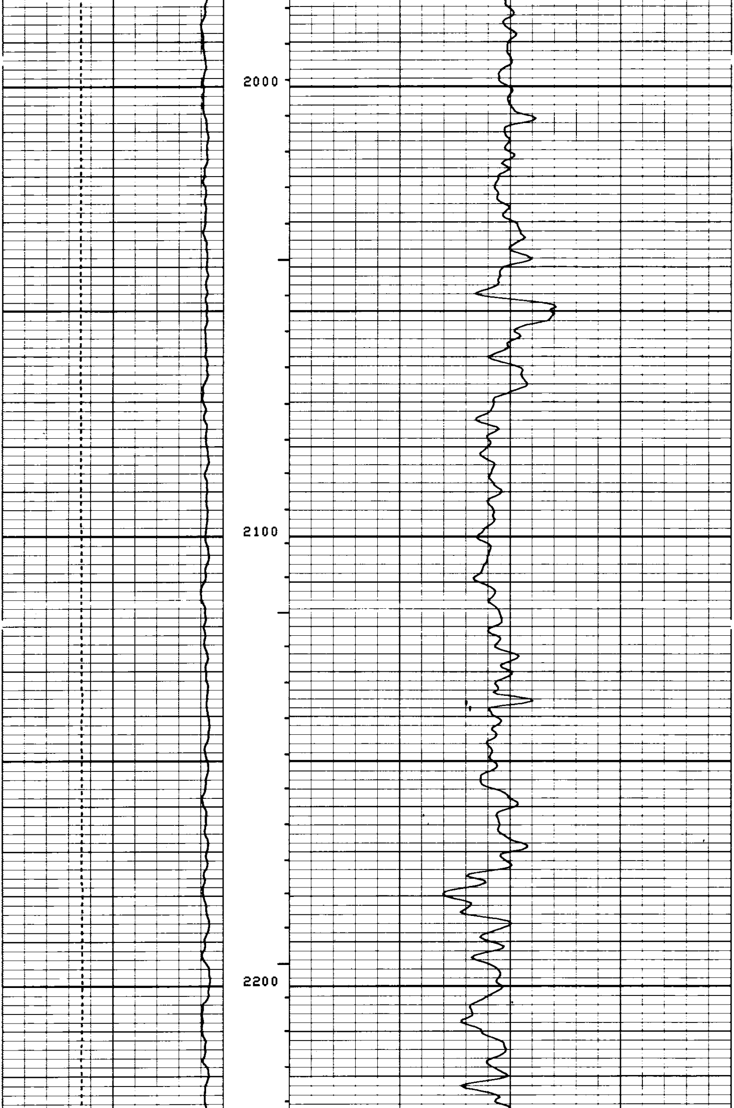


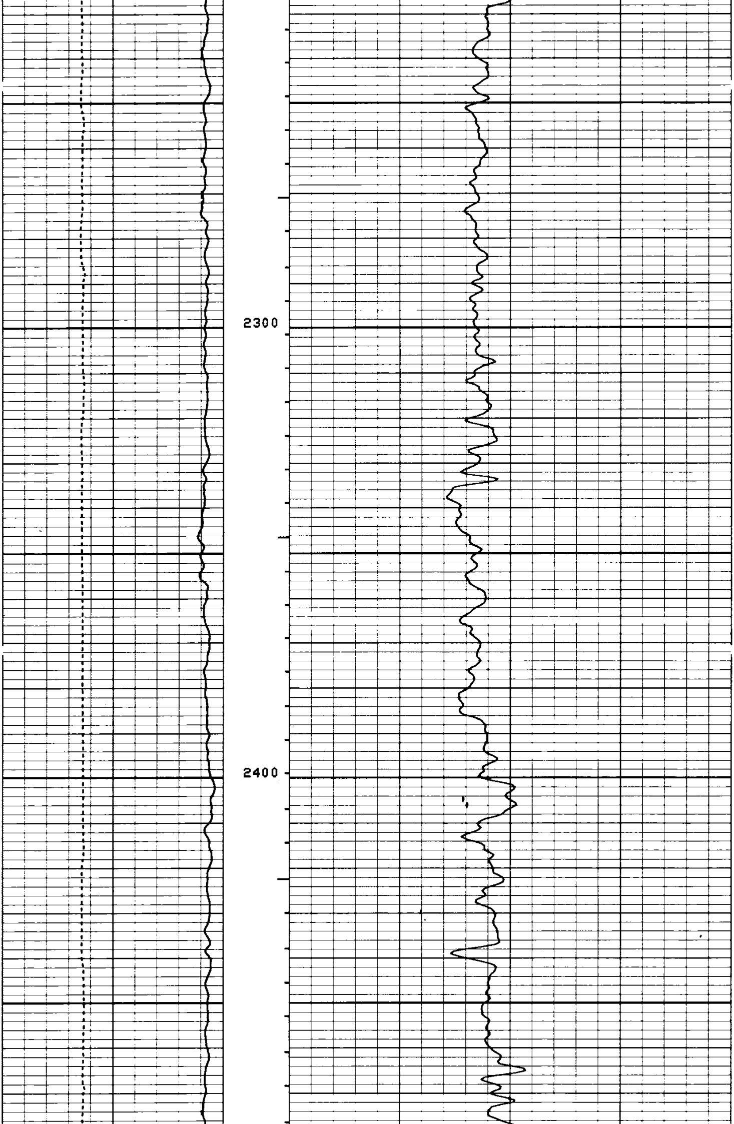


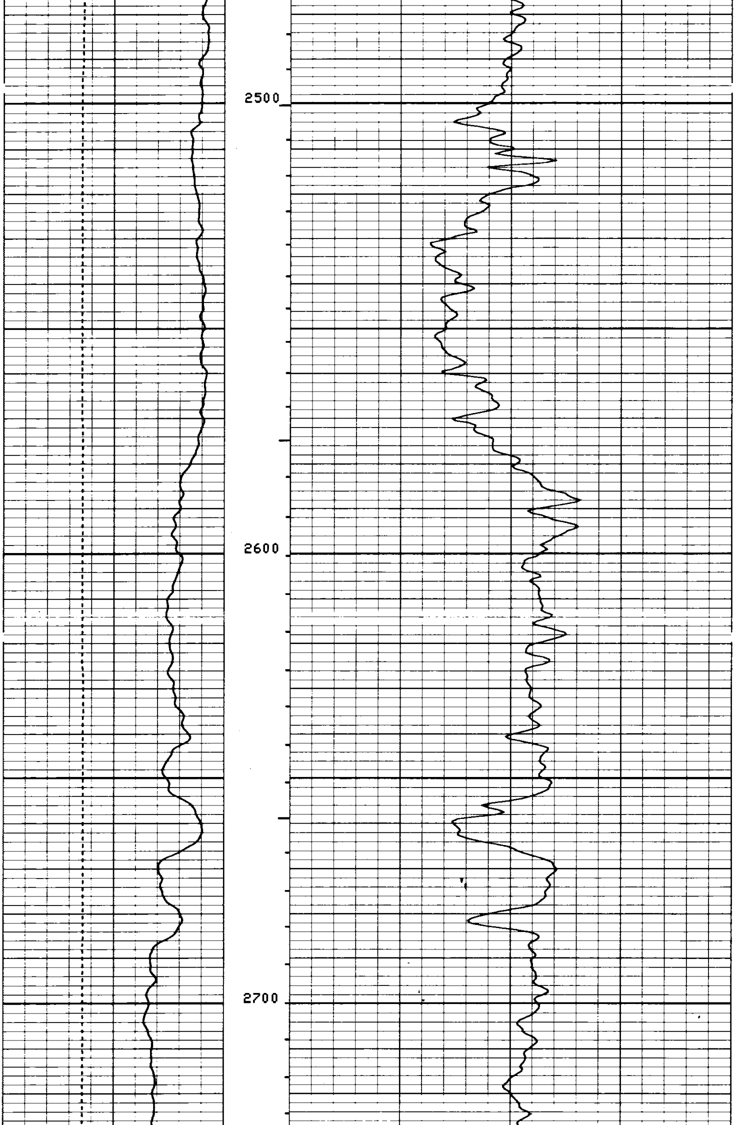


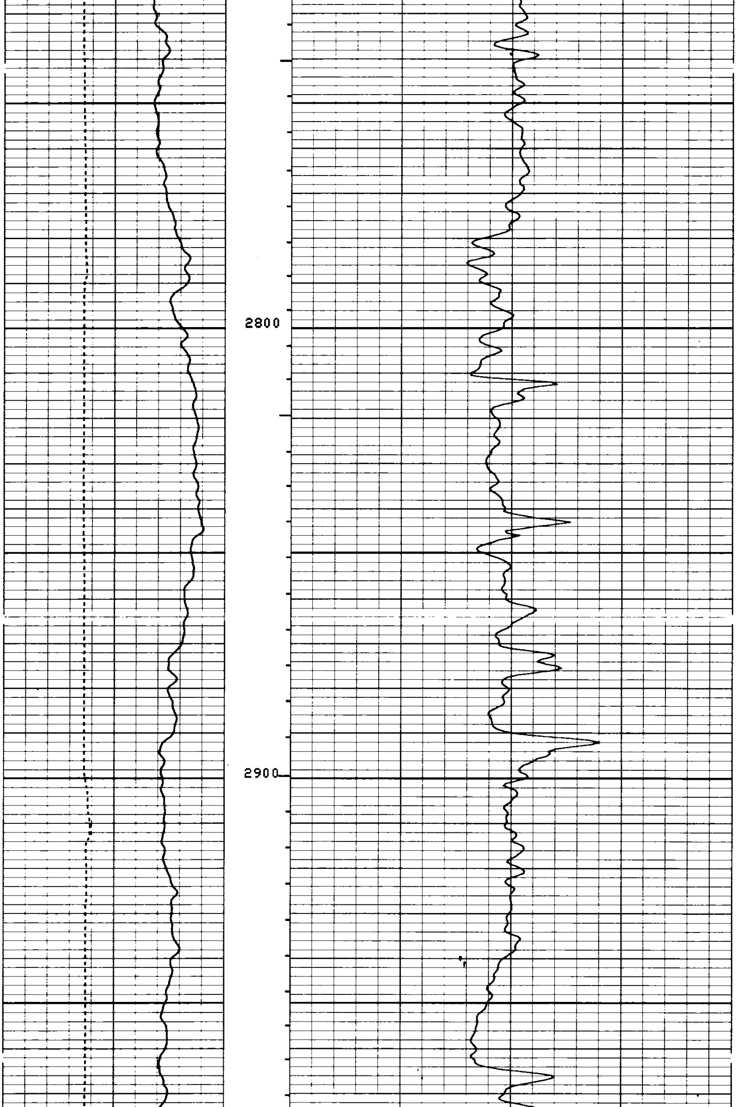


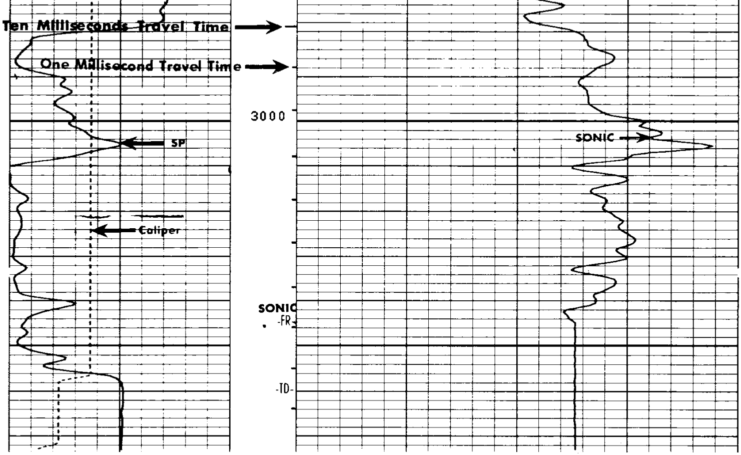












6
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SPONTANEOUS-POTENTIAL
10
— + MILLIVOLTS

CALIPER DIAM. IN INCHES
3" 13"

DEPTH

INTEGRATED TRAVEL TIME

INTERVAL TRANSIT TIME MICROSECONDS PER FOOT T 3' R1 2' R2
175 125 75

CALIBRATION RECORD

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                  BEFORE SURVEY CALIBRATION SUMMARY


    PERFORMED:     80/05/26
    PROGRAM FILE:  IS      (VERSION    16.4    79/11/20)


  VCDD                  CALIPER CALIBRATION SUMMARY

               MEASURED                    CALIBRATED
            SMALL    LARGE             SMALL      LARGE       UNITS
    CALI     4.9     12.5               6.0        12.0        IN
                          10
                          10
                          10
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CALIBRATION RECORD

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