CC 32-03-65

Schlumberger

BOREHOLE COMPENSATED SONIC LOG

COUNTY	COLUMBIA
FIELD	MIST NEHALEM BASIN
LOCATION	3-6N-5W
WELL	COLUMBIA COUNTY NO. 32-3
COMPANY	REICHHOLD ENERGY

COMPANY REICHHOLD ENERGY CORPORATION

WELL COLUMBIA COUNTY NO. 32-3

FIELD MIST NEHALEM BASIN

COUNTY COLUMBIA STATE OREGON

LOCATION 2488' NORTH & 748' EAST FROM THE SOUTHWEST CORNER OF:

API SERIAL NO.	SEC	TWP	RANGE
	3	6N	5W

Other Services:
DI-SFL
HDT

Permanent Datum: GL ; Elev.: 1297.37
Log Measured From KB 10 Ft. Above Perm. Datum
Drilling Measured From KB

Elev.: K.B. 1307.87
D.F. --
G.L. 1297.37

RECEIVED-PTLD
JUL 1 1980
DEPT OF GEOLOGY & MINERAL INDUS

Date	5-1-80			
Run No.	ONE			
Depth—Driller	3395			
Depth—Logger (Schl.)	3384			
Btm. Log Interval	3369			
Top Log Interval	444			
Casing—Driller	7" @447	@	@	@
Casing—Logger	444			
Bit Size	6¼"			
Type Fluid in Hole	LIGNOSULFONATE			
Dens. | Visc.	72 | 45			
pH | Fluid Loss	10.5 | 7 ml	ml	ml	ml
Source of Sample	FLOWLINE			
Rm @ Meas. Temp.	1.55 @ 67 °F	@ °F	@ °F	@ °F
Rmf @ Meas. Temp.	0.74 @ 76 °F	@ °F	@ °F	@ °F
Rmc @ Meas. Temp.	1.98 @ 77 °F	@ °F	@ °F	@ °F
Source: Rmf | Rmc	M | M			
Rm @ BHT	1.22 @ 87 °F	@ °F	@ °F	@ °F
TIME Circulation Stopped	0900			
TIME Logger on Bottom	1200			
Max. Rec. Temp.	87 °F	°F	°F	°F
Equip. | Location	8128 | SAC			
Recorded By	LINDGREN/BORATKO			
Witnessed By	BRUER			

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

Run No.	ONE			
Service Order No.	123911			
Fluid Level	FULL			

EQUIPMENT DATA

Sonic Panel No.	443			
Sonic Cart No.	SILVER			
Sonic Sonde No.	SILVER			
Mem. Panel No.	--			
G.R. Cart. No.	--			
G.R. Panel No.	--			
Caliper No.	1237			
TTR No.	--			
Centralizers: No.	--			
Type	--			
Standoffs: No.	ONE			
Type	1½			
Time Const.-Sec.	--			
Speed - F.P.M.	60			

CALIBRATION DATA

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

SCALE CHANGES

Type Log	Depth	Scale Up Hole	Scale Down Hole
DELTA T	2285	175-75	150-50

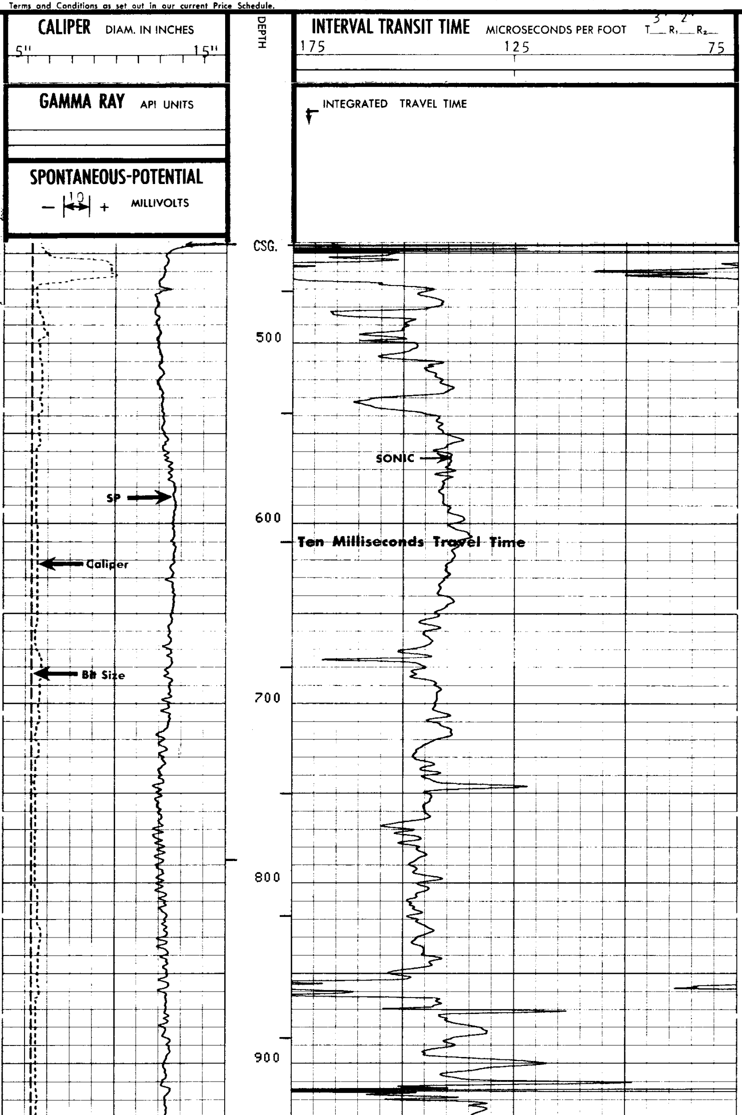
LOGGING DATA

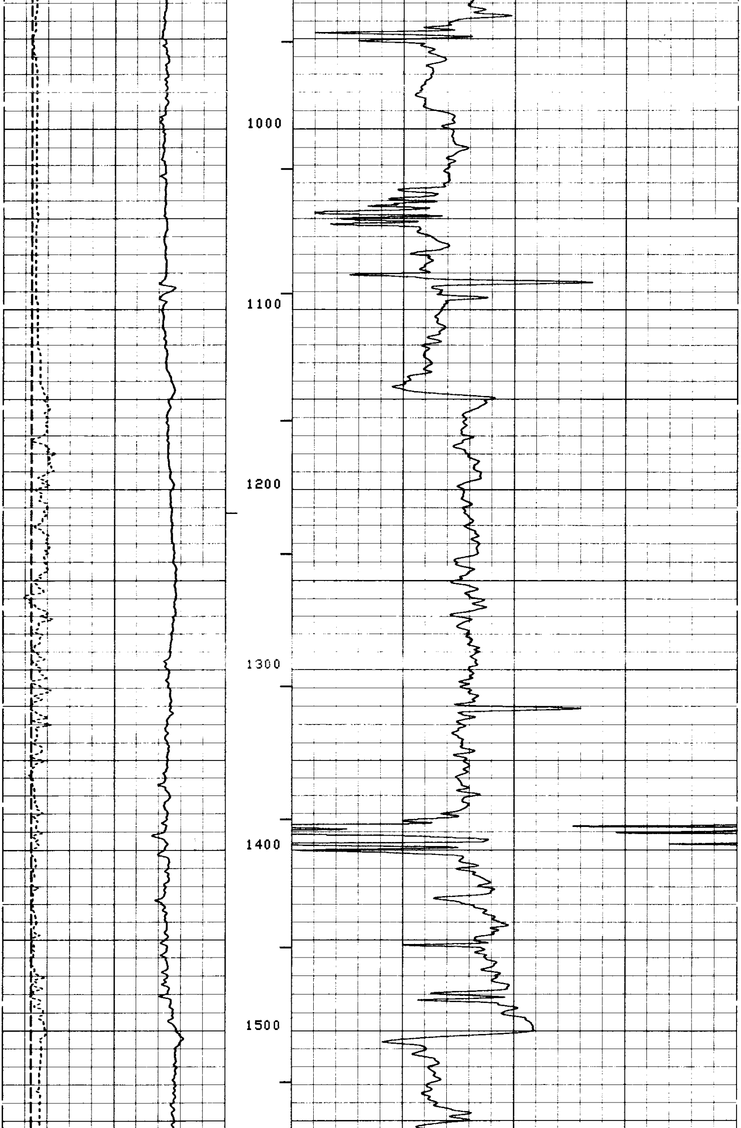
Porosity Selectors				Depth	
Δtm	Δtf	Cp	Ø Scale	From	To
55.6	189	1.00			

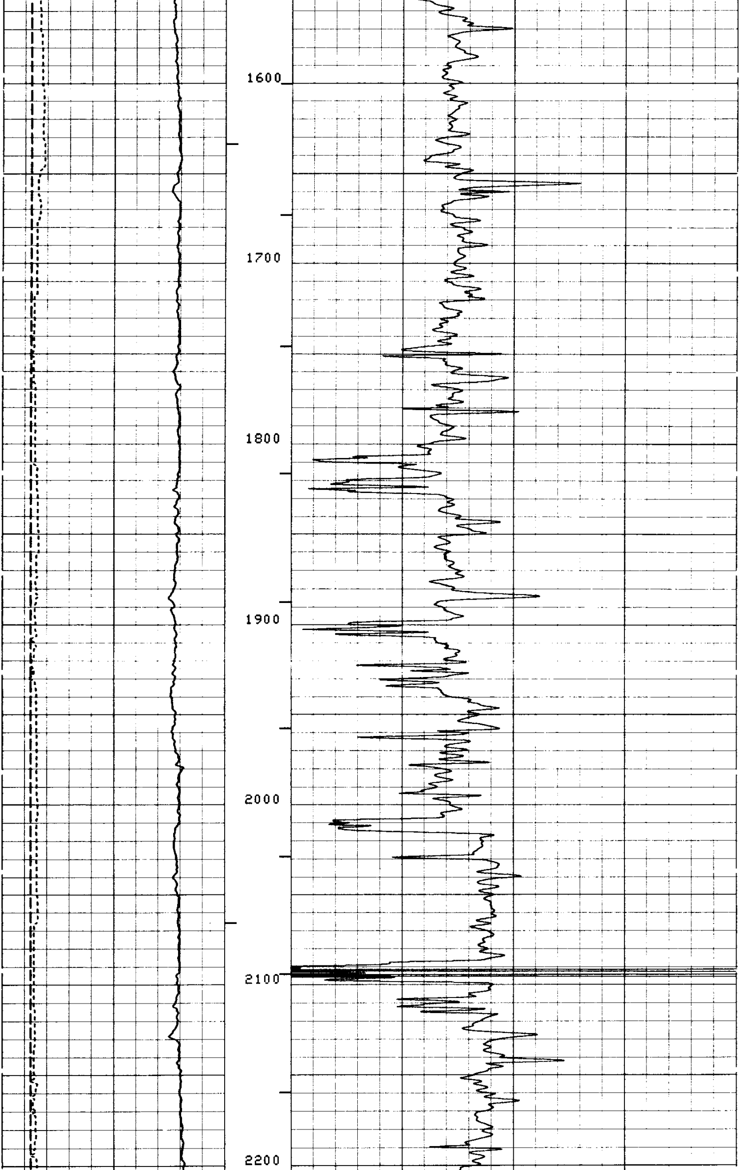
REMARKS

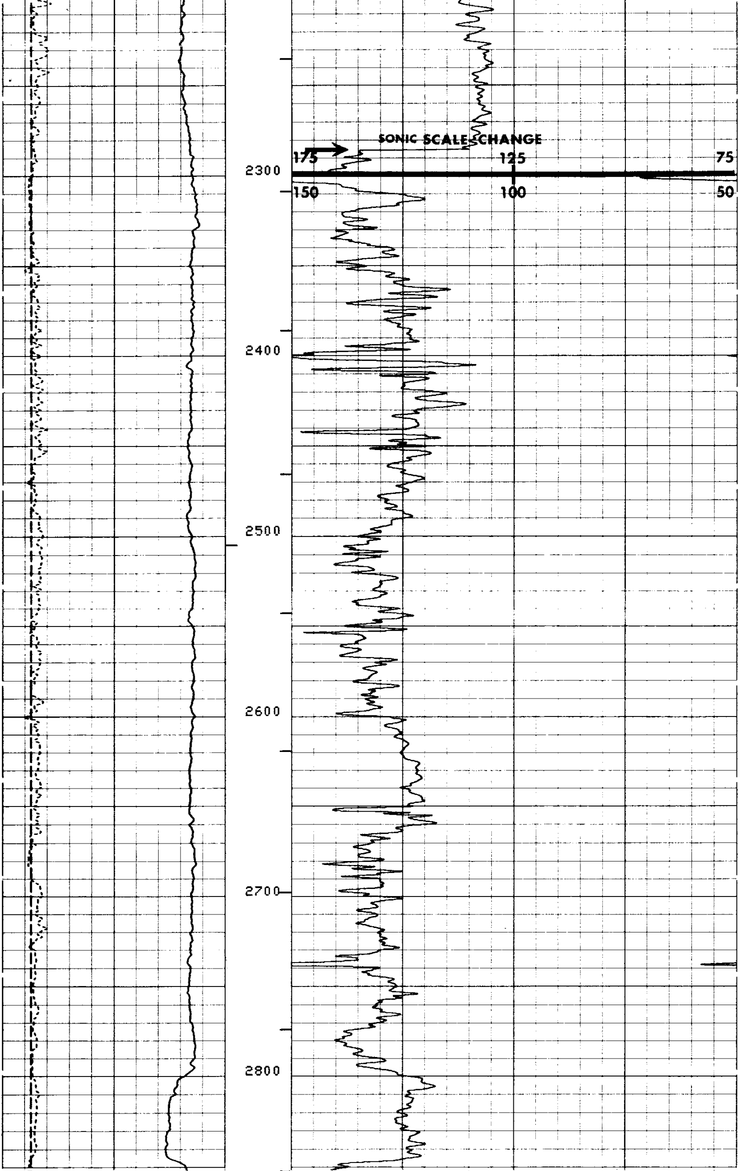
Velocity (ft/sec) = 1,000,000 / Interval Transit Time (microseconds per foot)

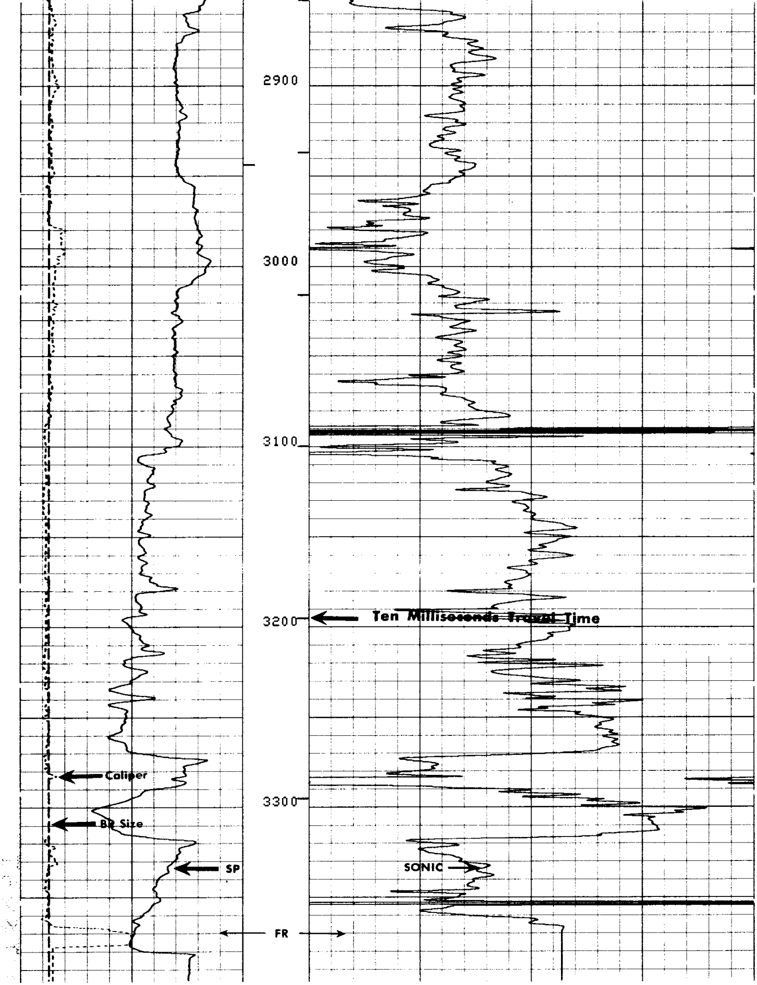
All interpretations are opinions based on inferences from electrical or other measurements and we cannot, and do not guarantee the accuracy or correctness of any interpretations, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, 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.











SPONTANEOUS-POTENTIAL
10
– |↔| + MILLIVOLTS

GAMMA RAY API UNITS

CALIPER DIAM. IN INCHES
5" 15"

DEPTH

INTEGRATED TRAVEL TIME

INTERVAL TRANSIT TIME MICROSECONDS PER FOOT T 3 R_1 2 R_2
150 100 50

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SCHL. FR 3369
SCHL. TD 3384
DRLR. TD 3395

Elev: KB 1307.37
DF --
GL 1297.37

DETAIL LOG

5" = 100'

CALIPER DIAM. IN INCHES
5" 15"

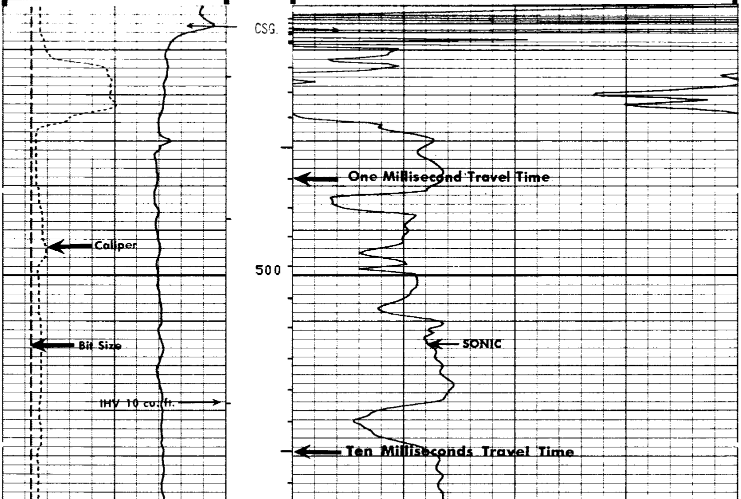
DEPTH

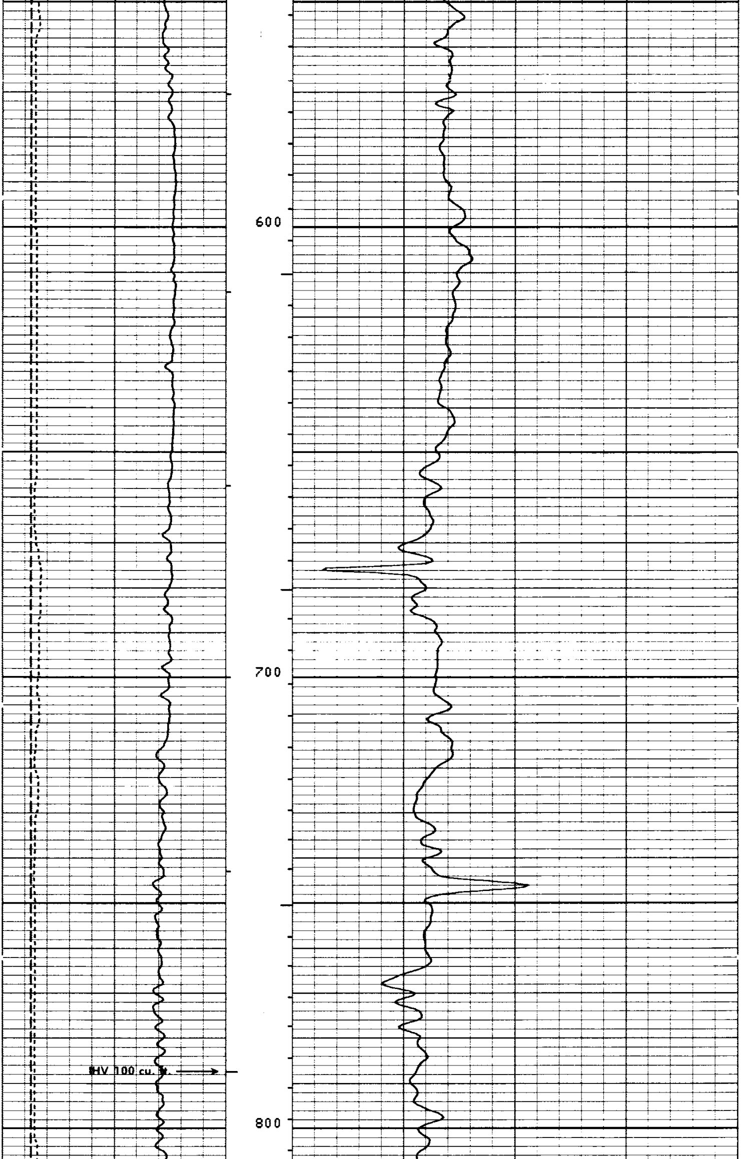
INTERVAL TRANSIT TIME MICROSECONDS PER FOOT T 3 R_1 2 R_2
175 125 75

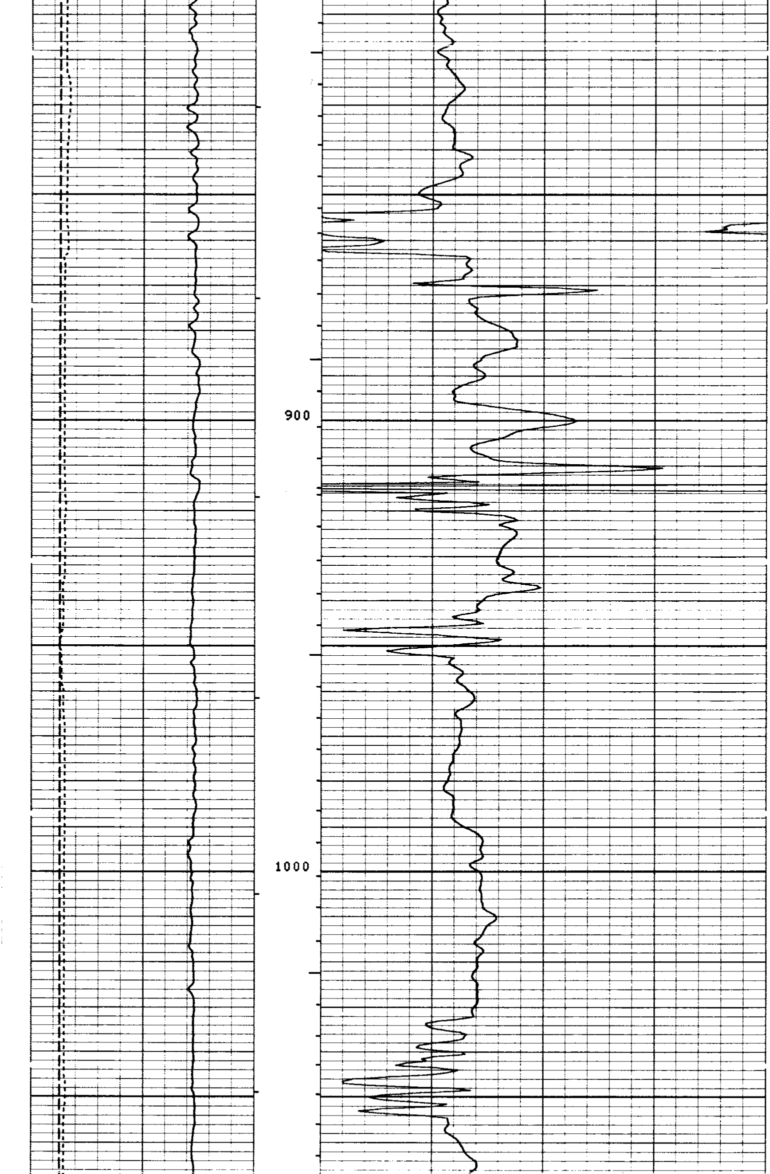
GAMMA RAY API UNITS

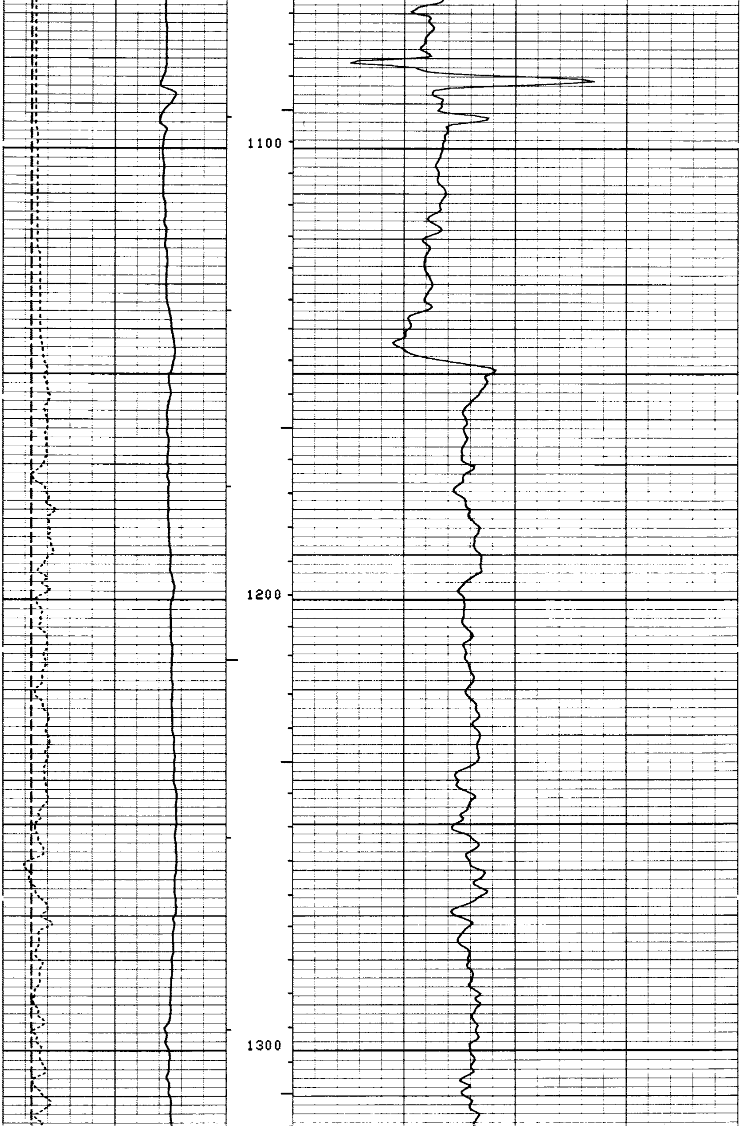
INTEGRATED TRAVEL TIME

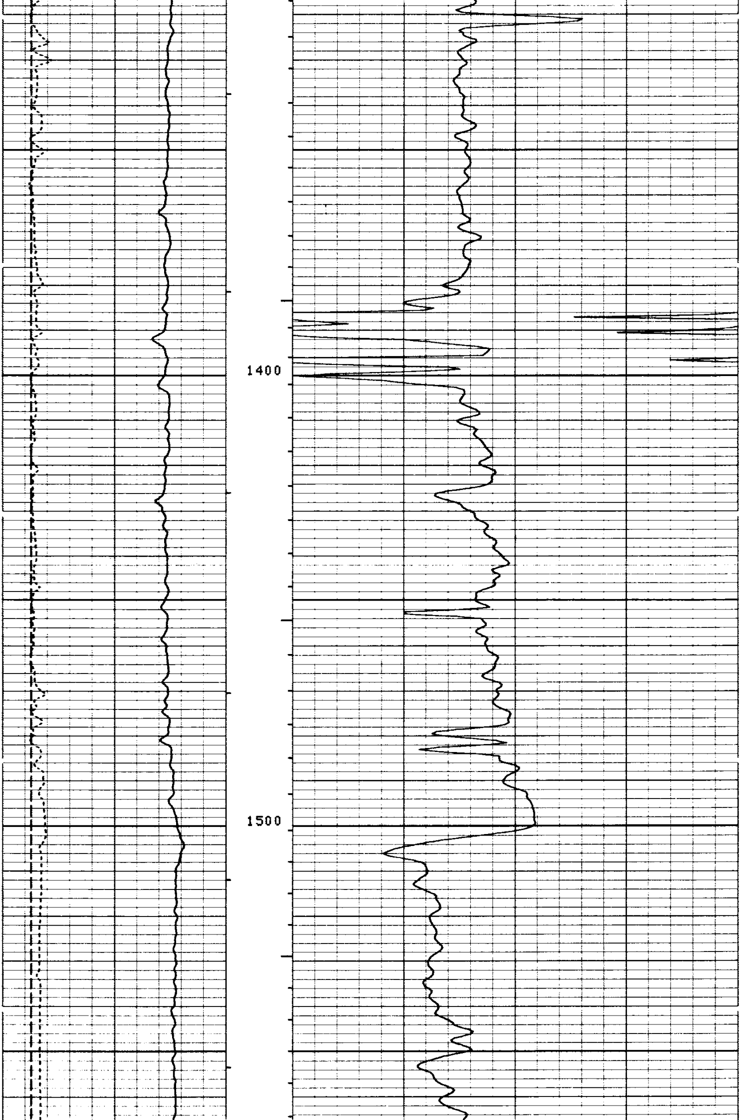
SPONTANEOUS-POTENTIAL
10
– |↔| + MILLIVOLTS

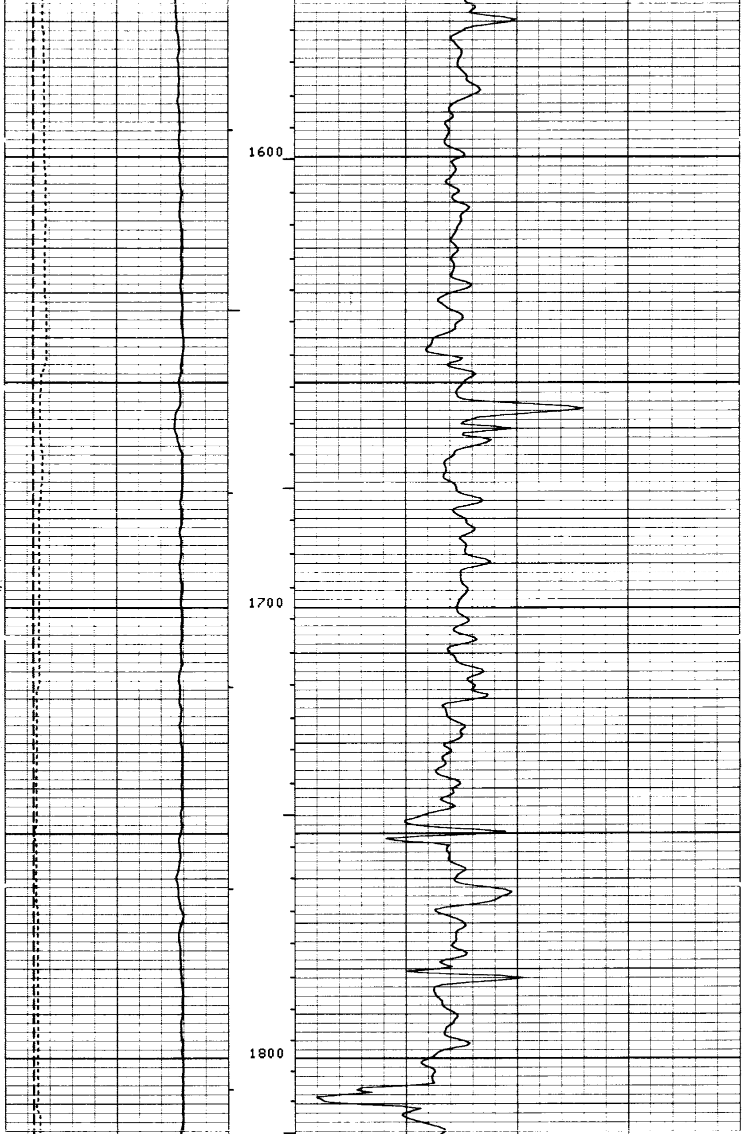


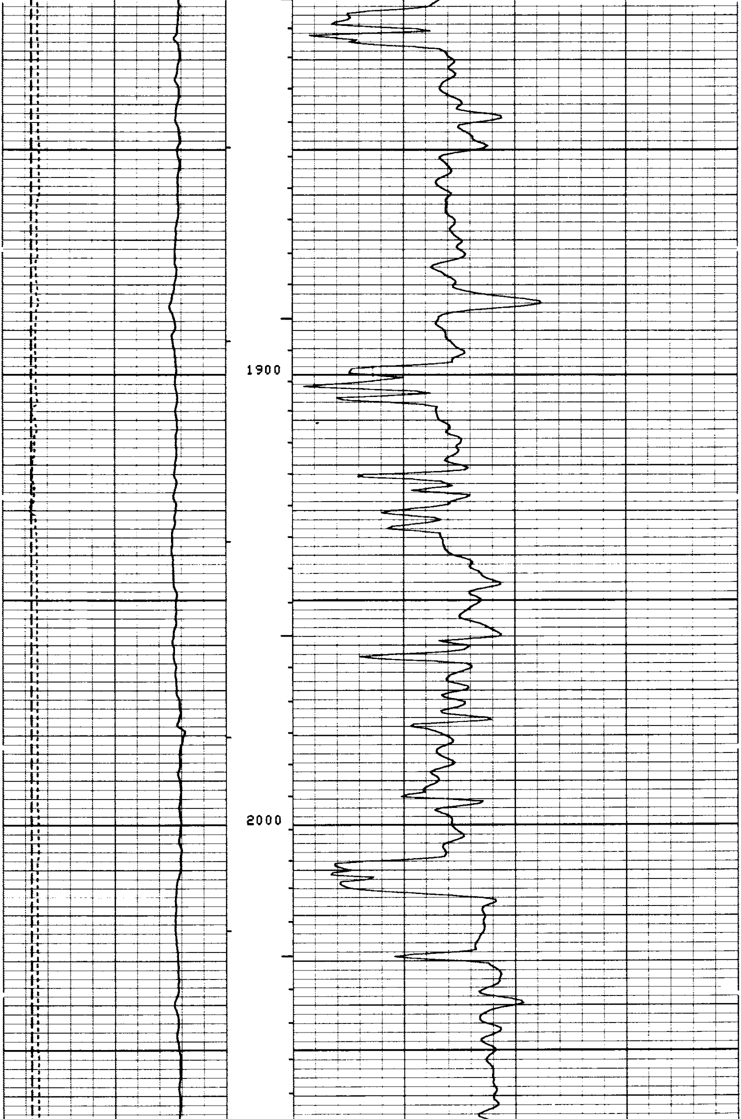


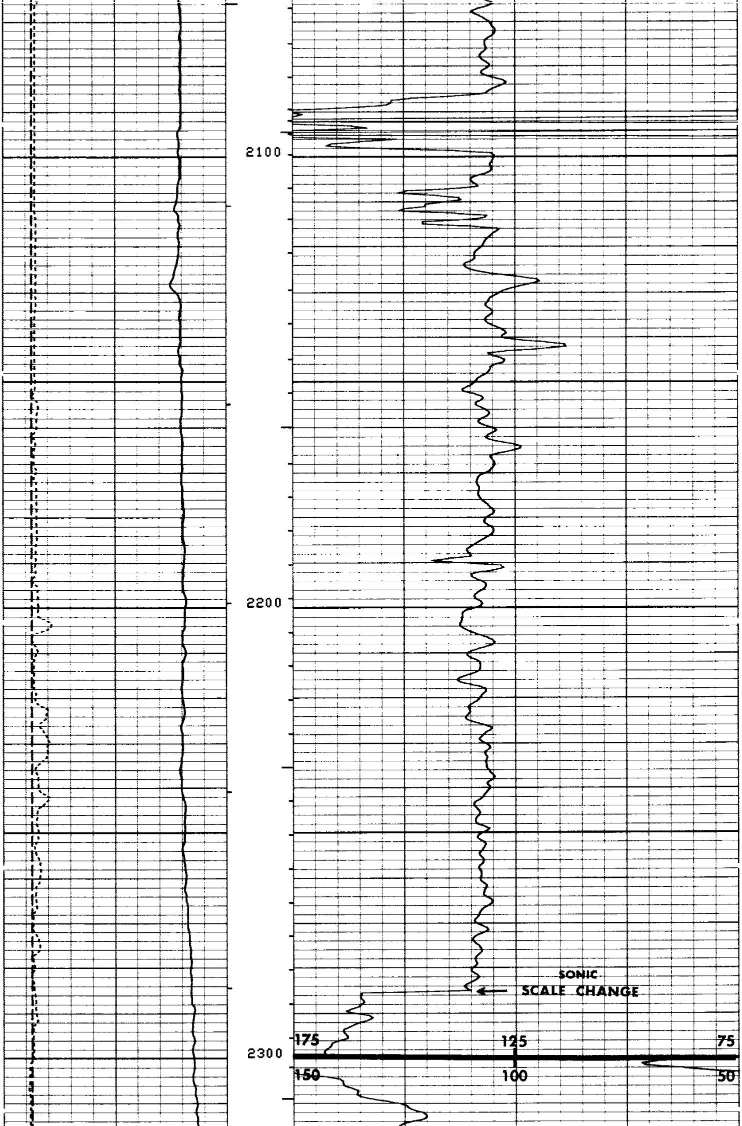


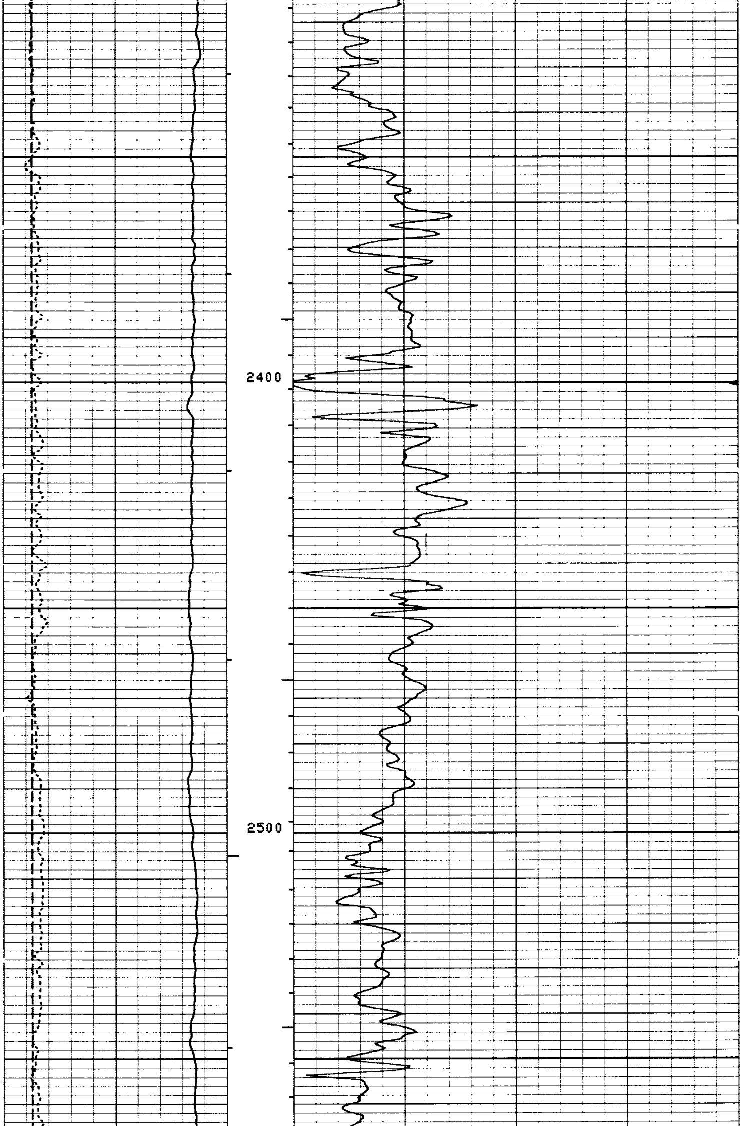


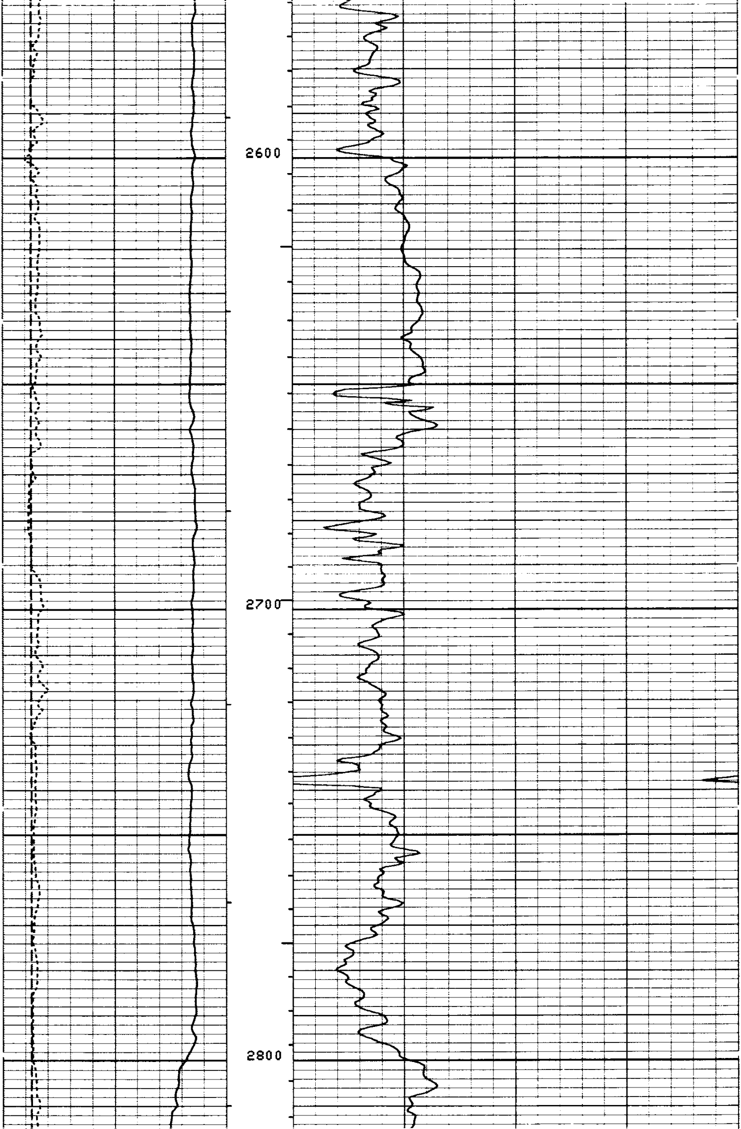


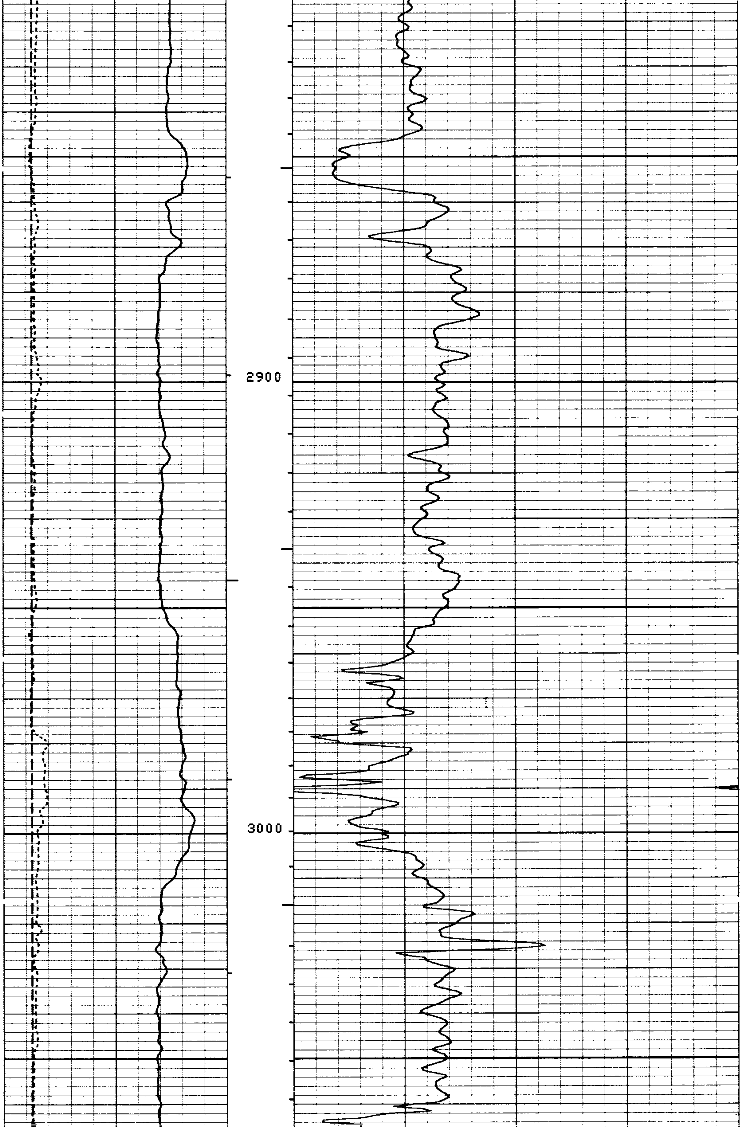


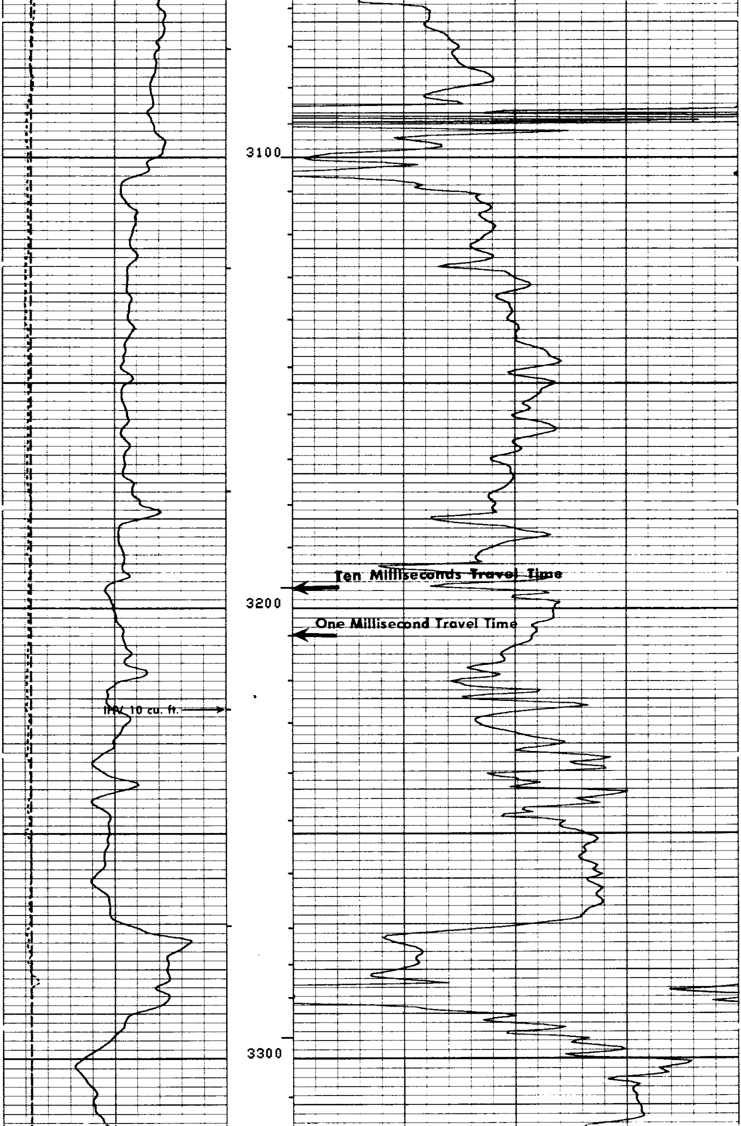


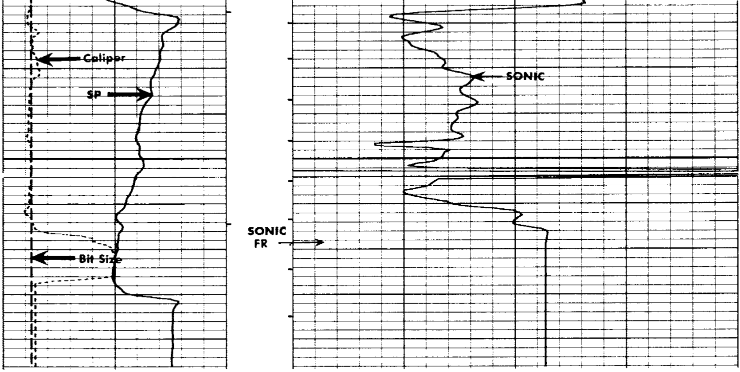












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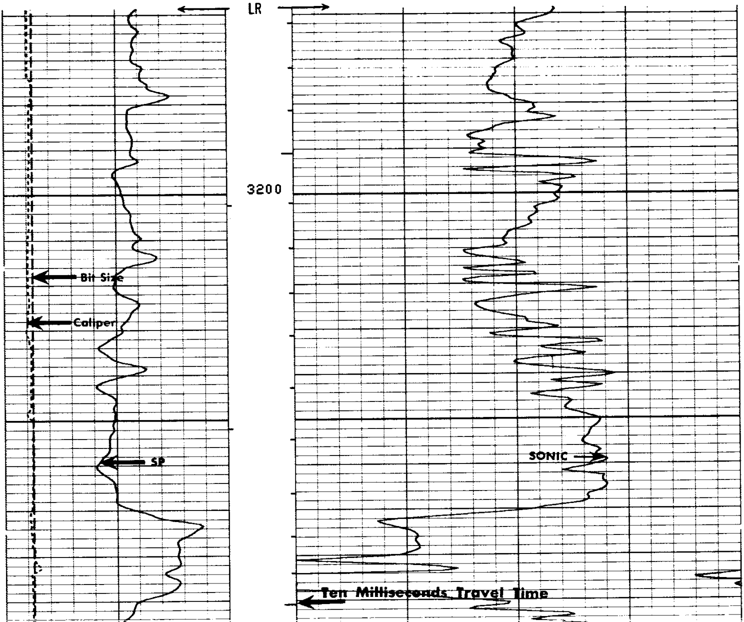
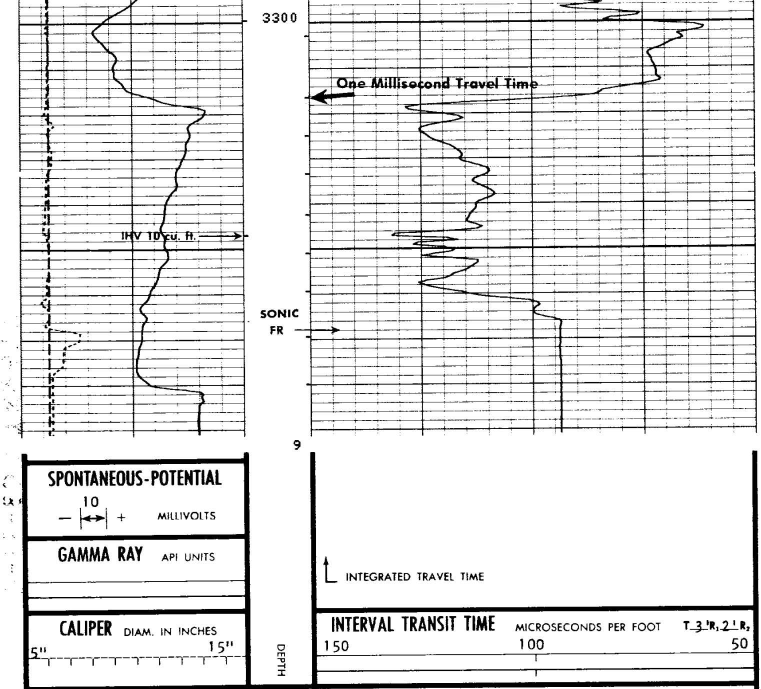
REPEAT SECTION

9





CALIBRATION RECORD

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8
8
8
8


                  BEFORE SURVEY CALIBRATION SUMMARY


      PERFORMED:      80/05/01
      PROGRAM FILE:   IS      (VERSION     16.4     79/11/20)


    VCDD                    CALIPER CALIBRATION SUMMARY

                   MEASURED                         CALIBRATED
                 SMALL    LARGE                  SMALL      LARGE         UNITS
       CALI       4.6     12.3                    6.0       11.9           IN
                           8
                           8
                           8
                           8
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CALIBRATION RECORD

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