CC 12

APR 23 1980
Schlumberger

BOREHOLE COMPENSATED SONIC LOG

COUNTY COLUMBIA
FIELD MIST-NEHALEM BASIN
LOCATION 14-6N-5W
WELL COLUMBIA COUNTY #12
COMPANY REICHHOLD ENERGY

COMPANY REICHHOLD ENERGY CORPORATION

WELL COLUMBIA COUNTY NO. 12

FIELD MIST-NEHALEM BASIN

COUNTY COLUMBIA STATE OREGON

LOCATION 39' SOUTH & 209' EAST OF THE NORTHWEST CORNER OF:

API SERIAL NO	SEC.	TWP	RANGE
	14	6N	5W

Other Services:
HDT
DI-SFL 5''

Permanent Datum: GL ; Elev.: 797.65
Log Measured From KB 10.8 Ft. Above Perm. Datum
Drilling Measured From KB

Elev.: K.B. 808.45
D.F. --
G.L. 808.45

Date	3-3-80			
Run No.	ONE			
Depth—Driller	3160			
Depth—Logger (Schl.)	3160			
Btm. Log Interval	3150			
Top Log Interval	398			
Casing—Driller	7'' @ 399	@	@	@
Casing—Logger	398			
Bit Size	6¼''			
Type Fluid in Hole	LIGNOSULFONATE			
Dens. | Visc.	86 | 54	|	|	|
pH | Fluid Loss	9.6 | 7 ml	| ml	| ml	| ml
Source of Sample	FLOWLINE			
Rm @ Meas. Temp.	1.73 @ 60 °F	@ °F	@ °F	@ °F
Rmf @ Meas. Temp.	1.29 @ 48 °F	@ °F	@ °F	@ °F
Rmc @ Meas. Temp.	2.44 @ 48 °F	@ °F	@ °F	@ °F
Source: Rmf | Rmc	M | M	|	|	|
Rm @ BHT	1.28 @ 98 °F	@ °F	@ °F	@ °F
TIME Circulation Stopped	0100			
TIME Logger on Bottom	0800			
Max. Rec. Temp.	99 °F	°F	°F	°F
Equip. | Location	8126 | SAC	|	|	|
Recorded By	FINNELL			
Witnessed By	BRUER			

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

Run No.	ONE			
Service Order No.	123939			
Fluid Level	FULL			

EQUIPMENT DATA

Sonic Panel No.	DA 443			
Sonic Cart No.	KA 242			
Sonic Sonde No.	DA 1103			
Mem. Panel No.	--			
G.R. Cart. No.	--			
G.R. Panel No.	--			
Caliper No.	495			
TTR No.	--			
Centralizers: No.	CME-Z			
Type	--			
Standoffs: No.	--			
Type	--			
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

LOGGING DATA

Porosity Selectors				Depth	
Δt_m	Δt_f	Cp	Ø Scale	From	To
55.6	189	1	175-75	398	TD

REMARKS

SP RECORDED FROM DI-SFL.

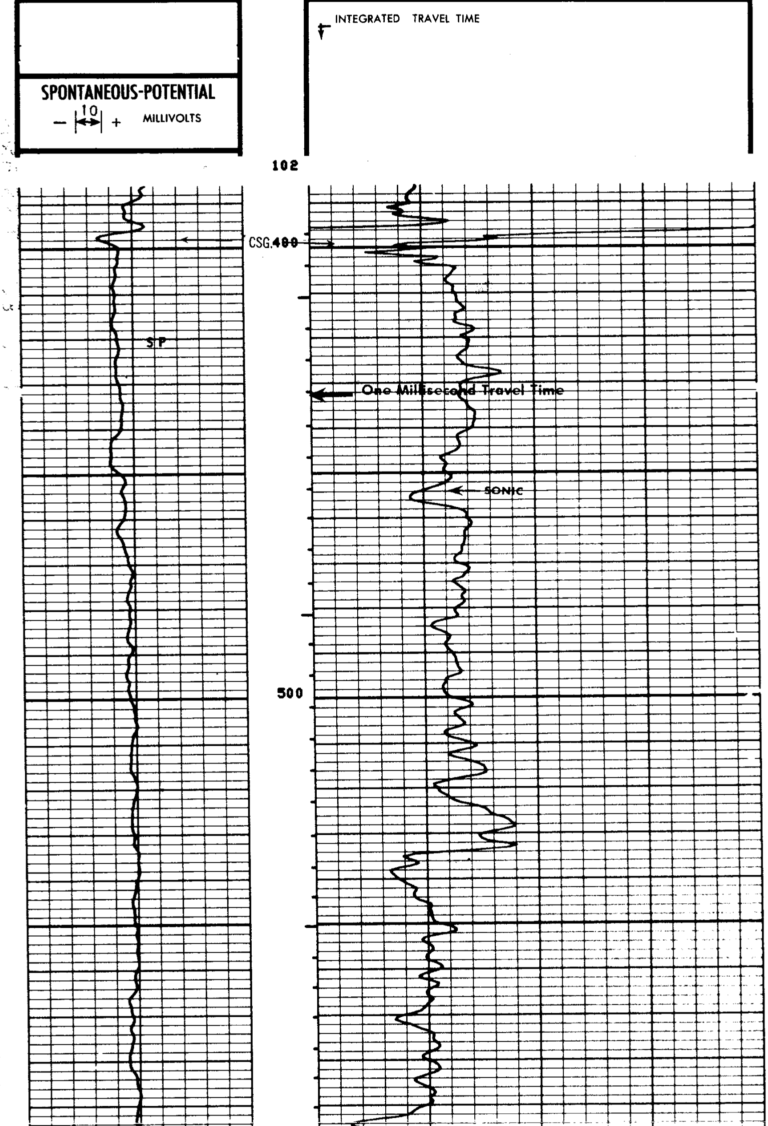
Velocity (ft/sec) = 1,000,000 / Interval Transit Time (microseconds per foot)

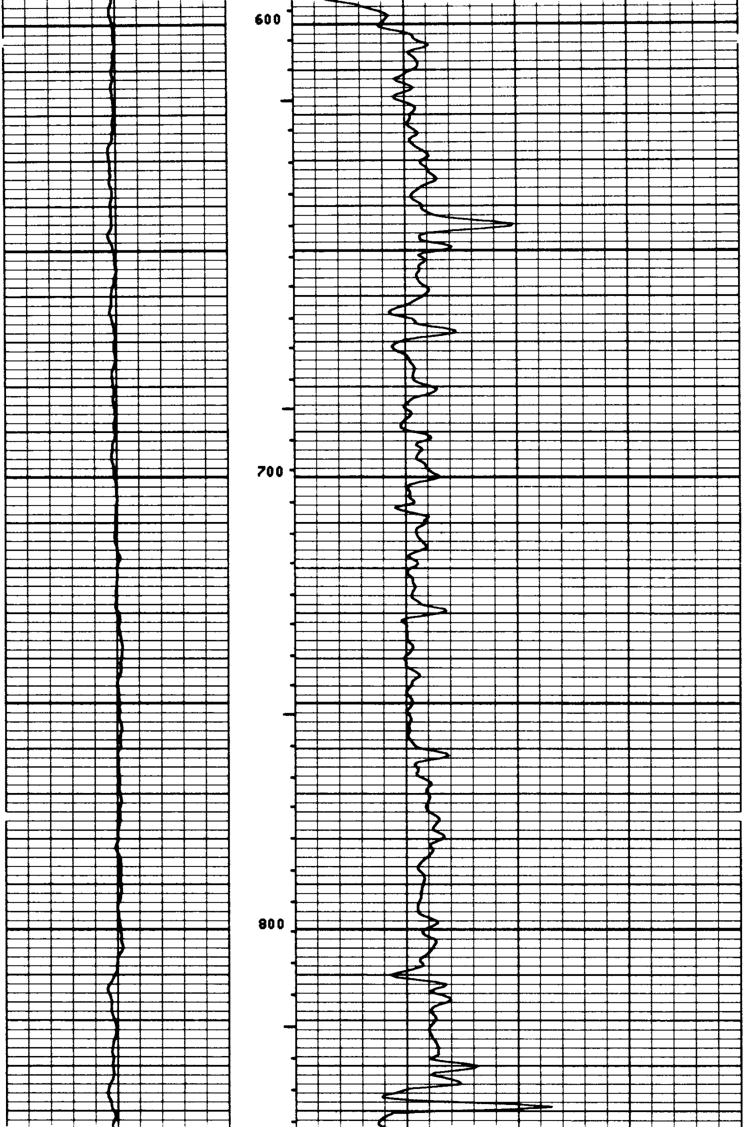
All interpretations are opinions based on inferences from electrical or other measurements and we cannot, and do not guarantee the accuracy or correctness of any interpretations, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs,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

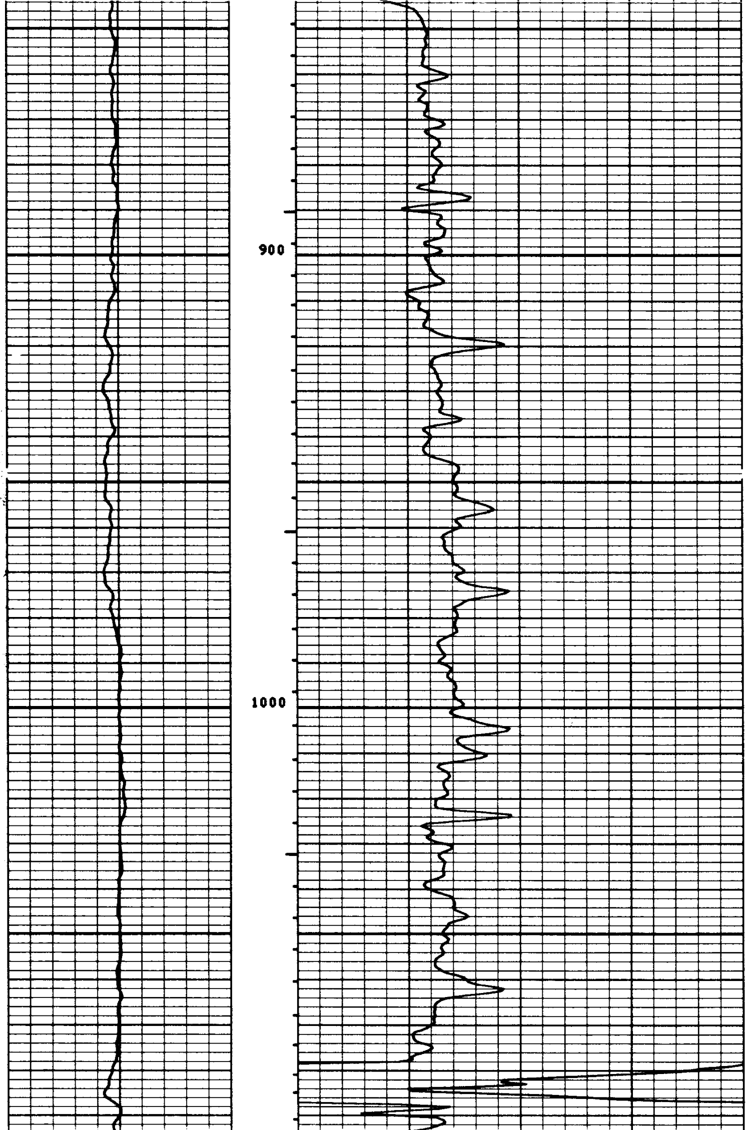
DEPTH

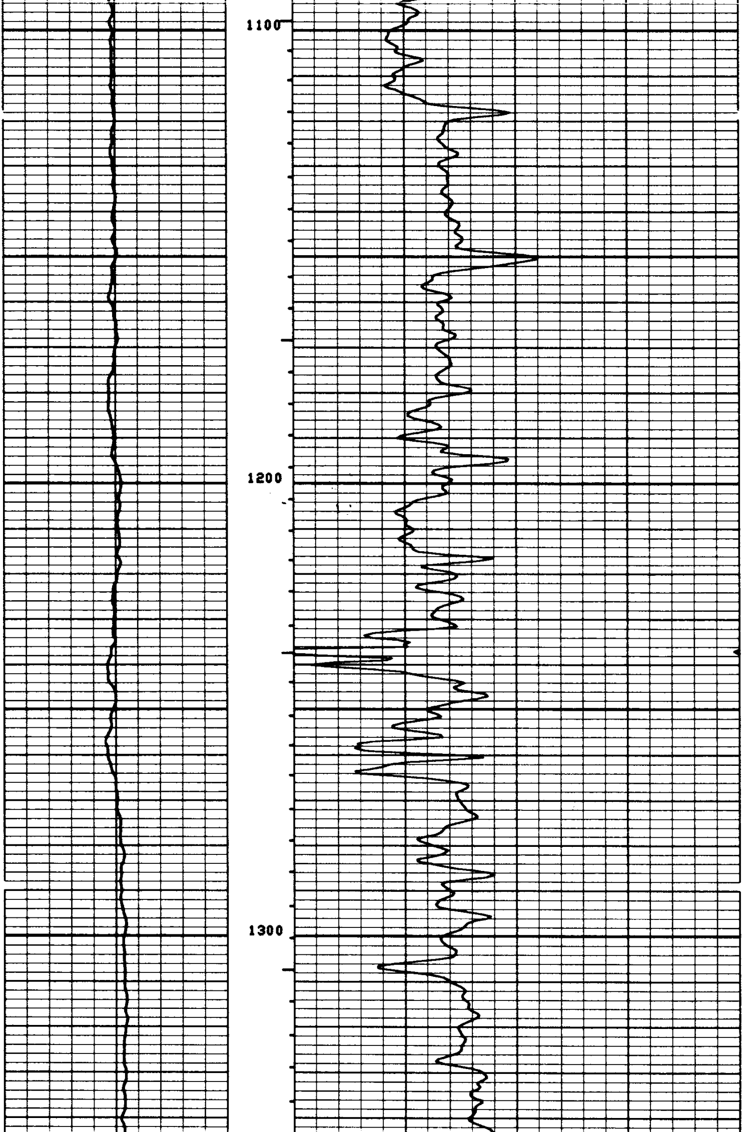
INTERVAL TRANSIT TIME MICROSECONDS PER FOOT T 3' R₁ 2' R₂

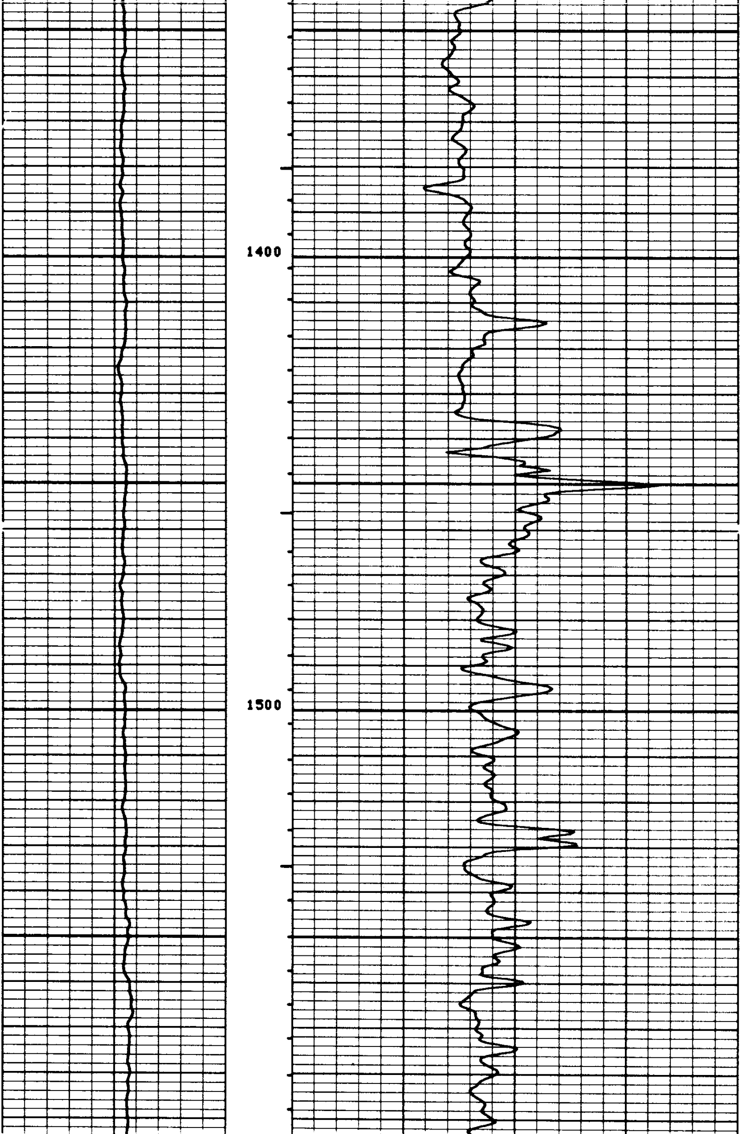
175 75

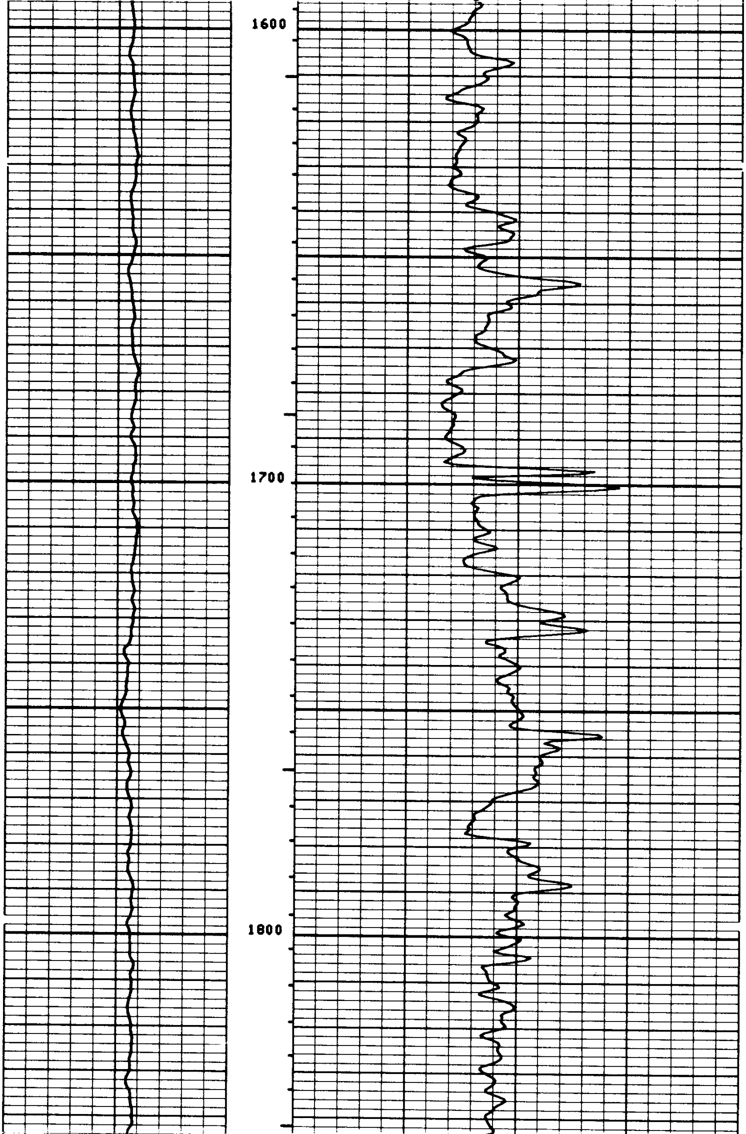


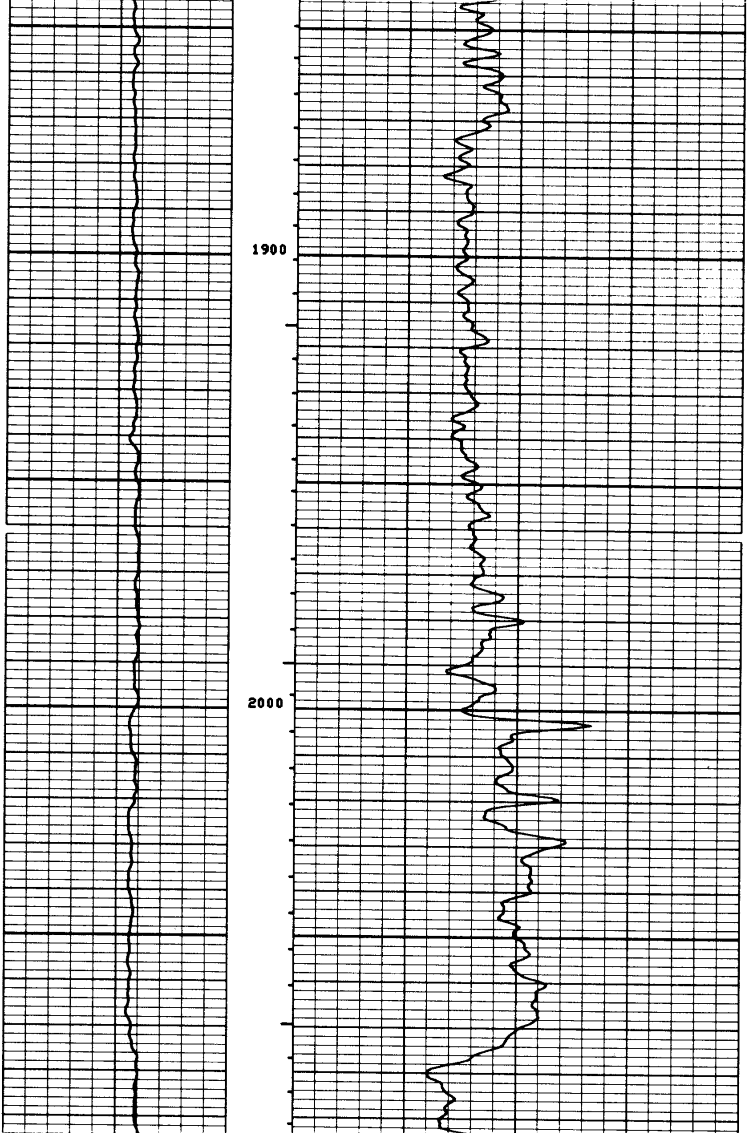


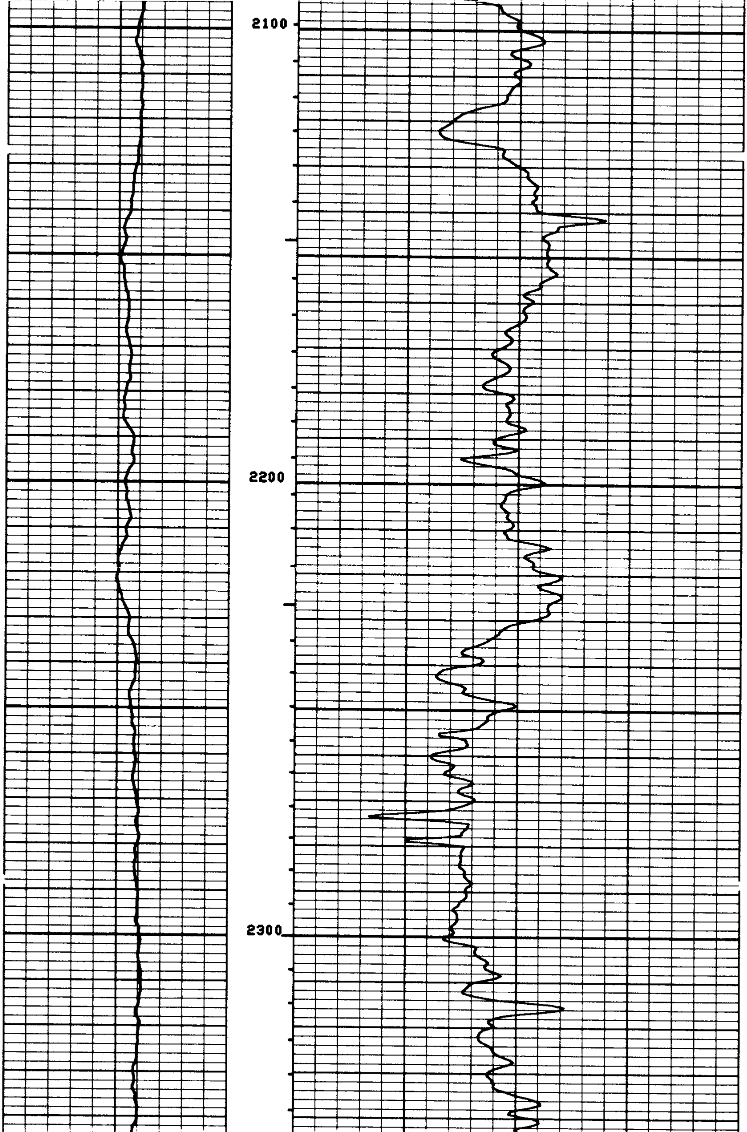


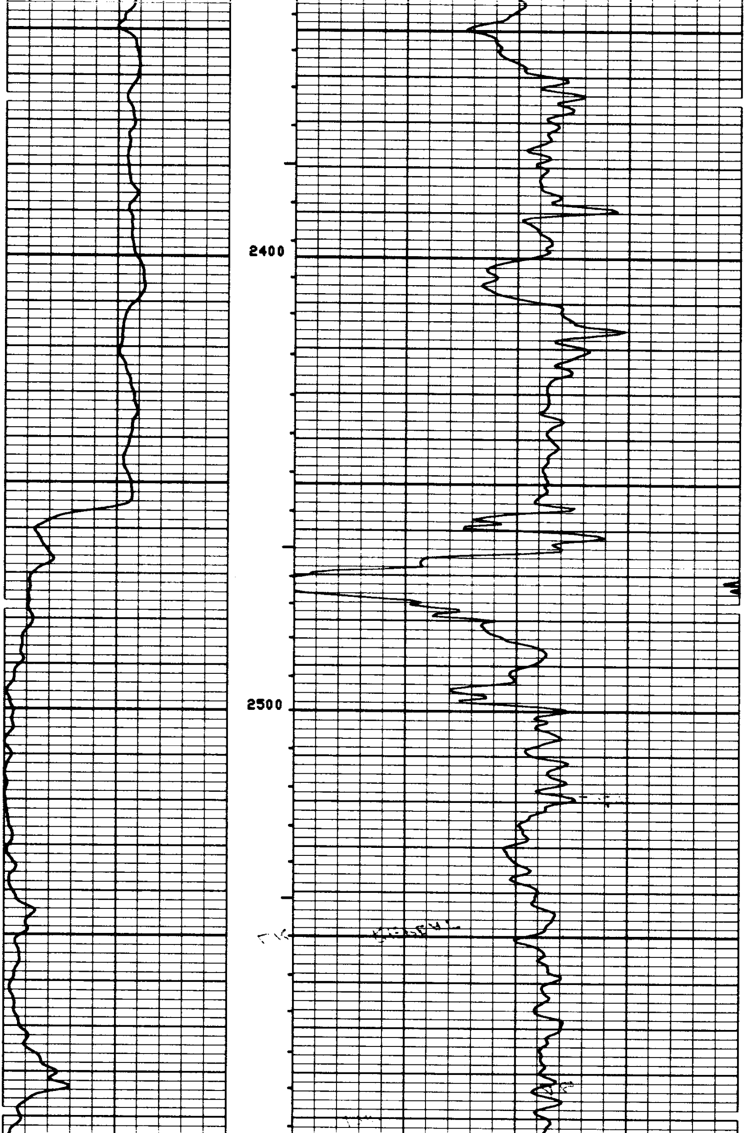


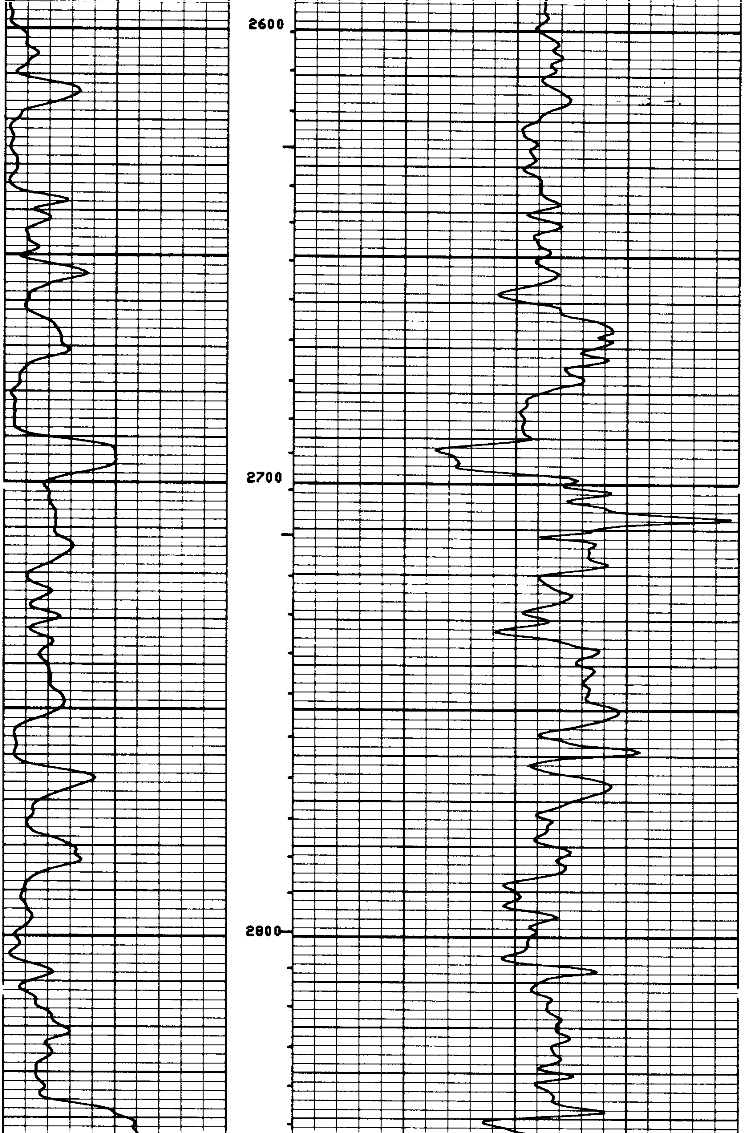


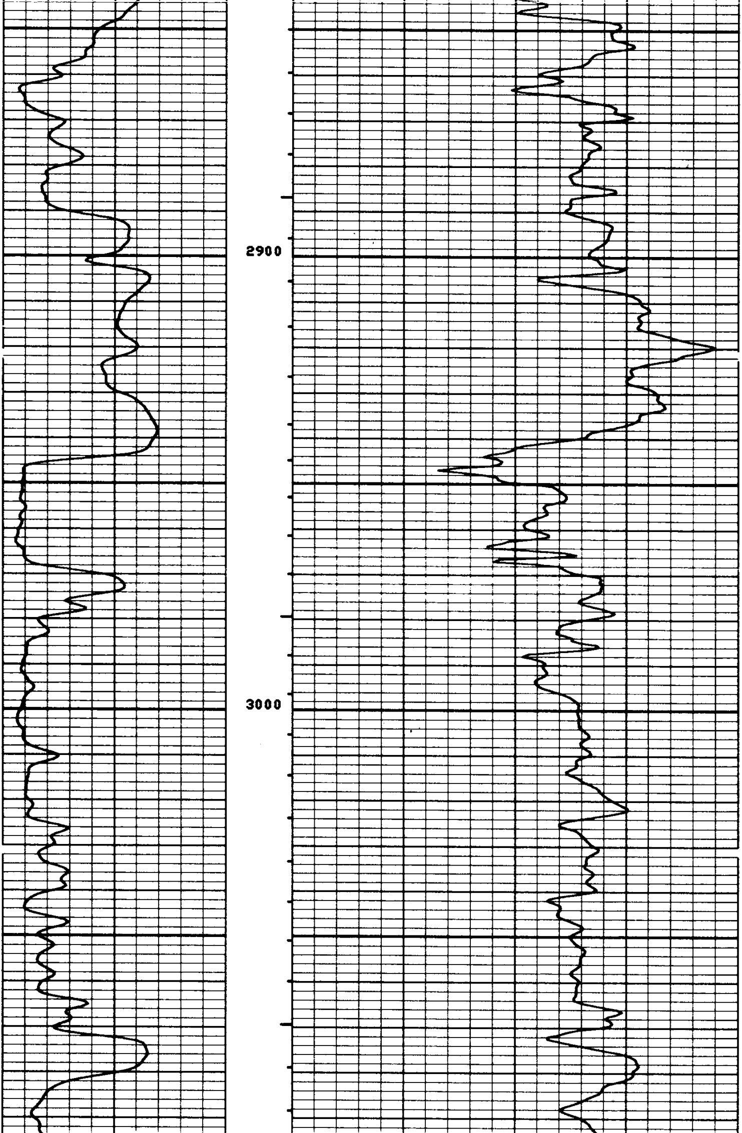


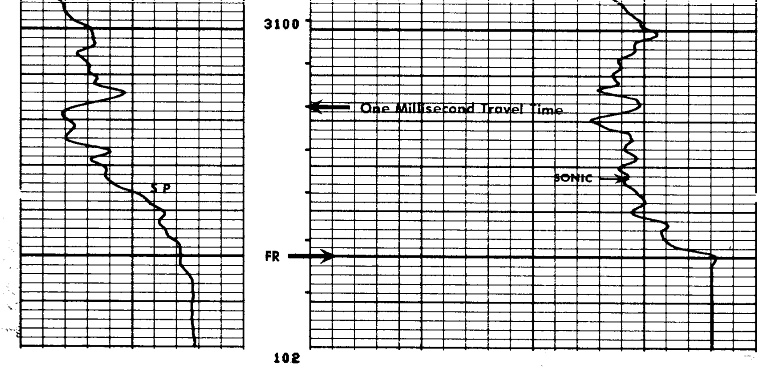




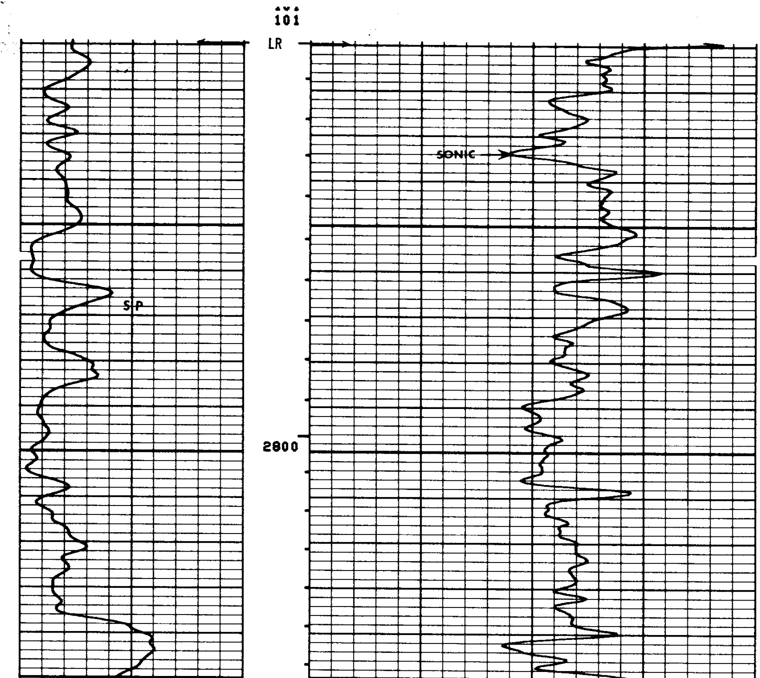


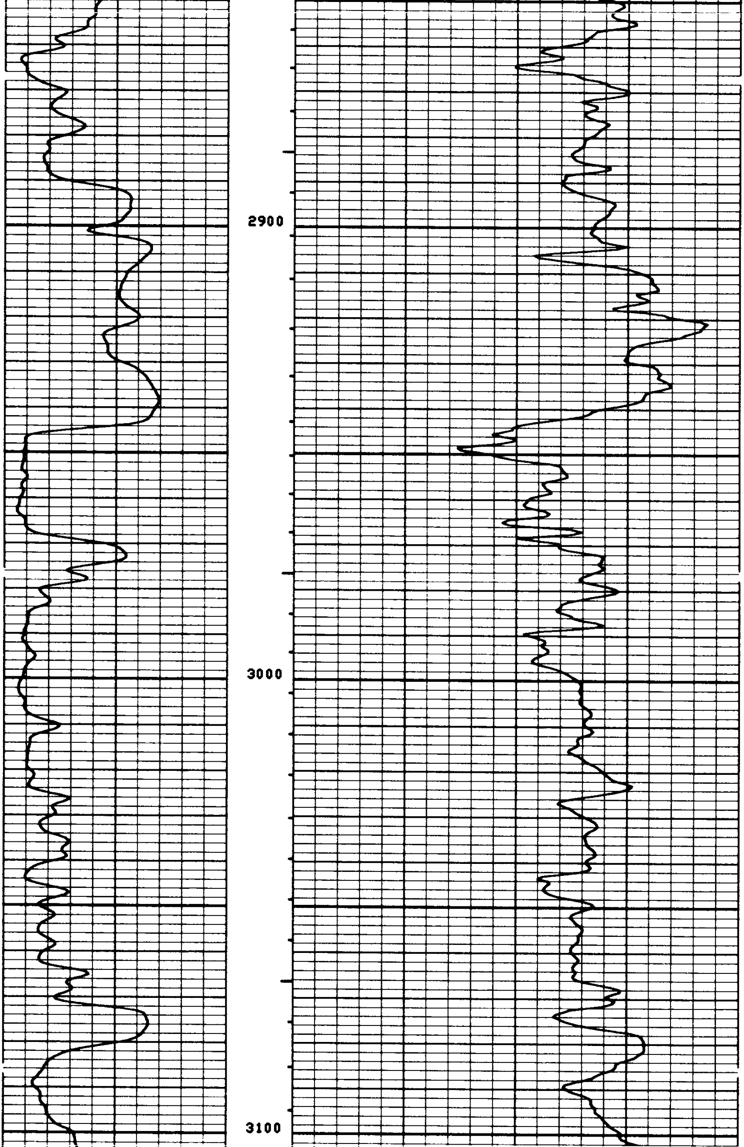


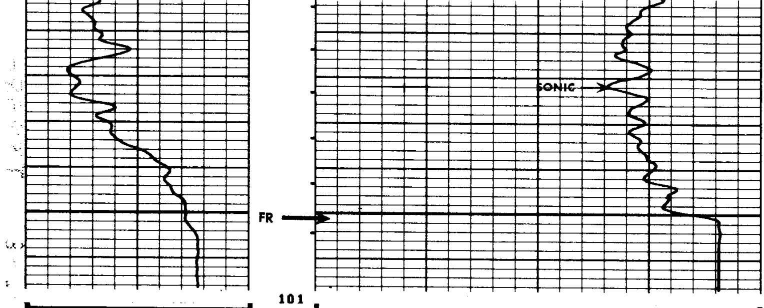




REPEAT SECTION







SPONTANEOUS-POTENTIAL

— 10 + MILLIVOLTS

INTEGRATED TRAVEL TIME

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

175 75

DEPTH

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WELL COLUMBIA COUNTY NO. 12

FIELD MIST-NEHALEM BASIN

COUNTY COLUMBIA STATE OREGON

SCHL. FR 3150
SCHL. TD 3160
DRLR TD 3160

Elev: KB 808.45
DF --
GL 797.65