Schlumberger

BOREHOLE COMPENSATED SONIC LOG

COUNTY COLUMBIA
FIELD MIST NEHALEM BASIN
LOCATION 30-6N-4W
WELL CROWN ZELLERBACH NO. 30-33
COMPANY AMERICAN QUASAR

COMPANY AMERICAN QUASAR PETROLEUM COMPANY

WELL CROWN ZELLERBACH NO. 30-33

FIELD MIST NEHALEM BASIN

COUNTY COLUMBIA **STATE** OREGON

LOCATION 1493'NORTH & 2179'WEST OF THE SOUTHEAST CORNER OF:

API SERIAL NO.	SEC.	TWP	RANGE
	30	6N	4W

Other Services:
DIL
HDT

Permanent Datum: GL ; Elev.: 832.4
Log Measured From KB 10.5 Ft. Above Perm. Datum
Drilling Measured From KB

Elev.: K.B. 842.9
D.F. --
G.L. 832.4

Date	10-26-80			
Run No.	ONE			
Depth—Driller	2350			
Depth—Logger (Schl.)	2350			
Btm. Log Interval	2308			
Top Log Interval	525			
Casing—Driller	7" @525	@	@	@
Casing—Logger	525			
Bit Size	6¼"			
Type Fluid in Hole	LIGNOSULFONATE			
Dens. | Visc.	68 | 41	|	|	|
pH | Fluid Loss	10.5 | [illegible].5 ml	| ml	| ml	| ml
Source of Sample	CIRCULATION			
Rm @ Meas. Temp.	3.41 @ 54 °F	@ °F	@ °F	@ °F
Rmf @ Meas. Temp.	2.23 @ 41 °F	@ °F	@ °F	@ °F
Rmc @ Meas. Temp.	2.53 @ 41 °F	@ °F	@ °F	@ °F
Source: Rmf | Rmc	M | M	|	|	|
Rm @ BHT	2.25 @82 °F	@ °F	@ °F	@ °F
TIME Circulation Stopped	2300 10/25			
TIME Logger on Bottom	0100			
Max. Rec. Temp.	82 °F	°F	°F	°F
Equip. | Location	8126 | SAC	|	|	|
Recorded By	ANDERSEN/STEFANI			
Witnessed By	GREGG			

RECEIVED PTLD
NOV 19 1980
DEPT OF GEOLOGY
& MINE

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

Run No.	ONE			
Service Order No.	123841			
Fluid Level	FULL			

EQUIPMENT DATA

Sonic Panel No.	443			
Sonic Cart No.	592			
Sonic Sonde No.	347			
Mem. Panel No.	-			
G.R. Cart. No.	-			
G.R. Panel No.	-			
Caliper No.	1237			
TTR No.	-			
Centralizers: No.	-			
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

REMARKS

$$\text{Velocity (ft/sec)} = \frac{1{,}000{,}000}{\text{Interval Transit Time (microseconds per foot)}}$$

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.

PARAMETERS

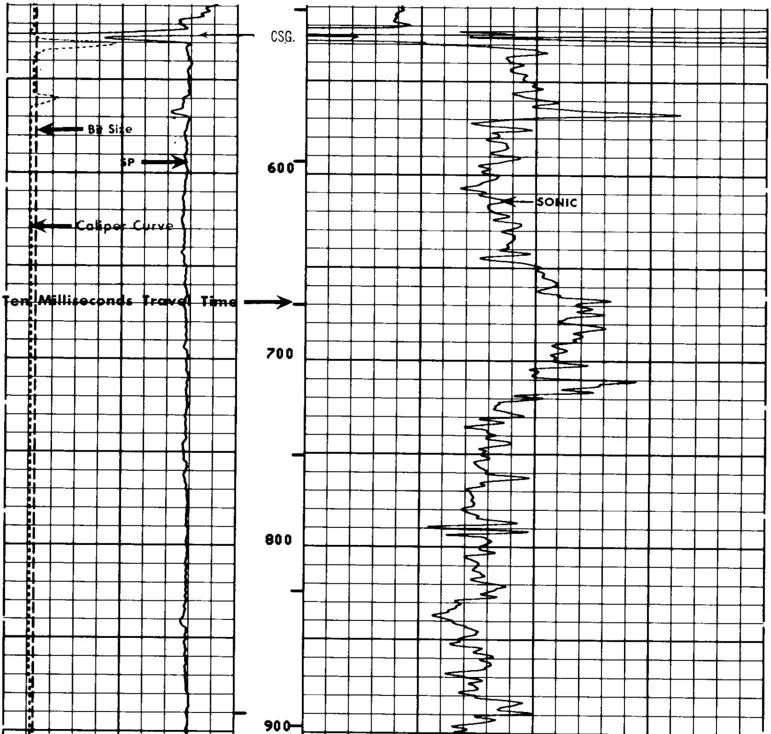
NAME	UNIT	VALUE	NAME	UNIT	VALUE	NAME	UNIT	VALUE
DTM	US/F	56.00	CDTS		140.0	BS	INCH	6.250
SBR	OHMM	1.000	DSEC	MM/M	5.360	DTF	US/F	189.0
FPHI		SPHI	MSEC	MM/M	13.24			
DO		0.0	BHS		OPEN			

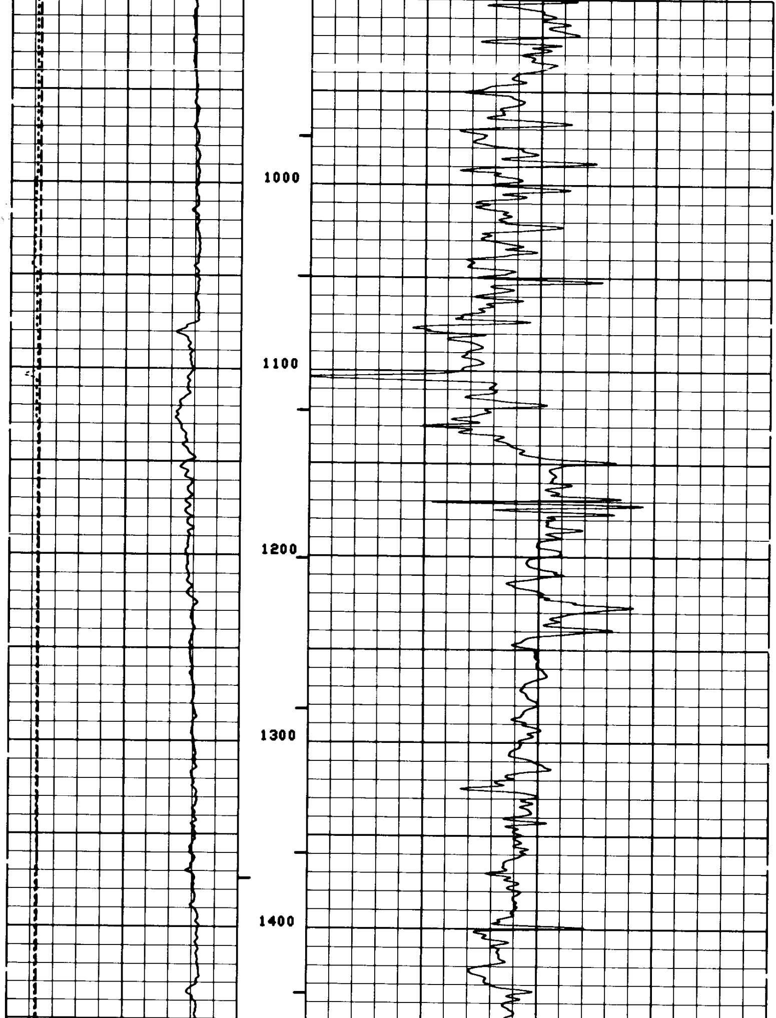
BS (IN)
5.000 15.00
CALI(IN)
5.000 15.00
SP (MV)
-100.0 0.0

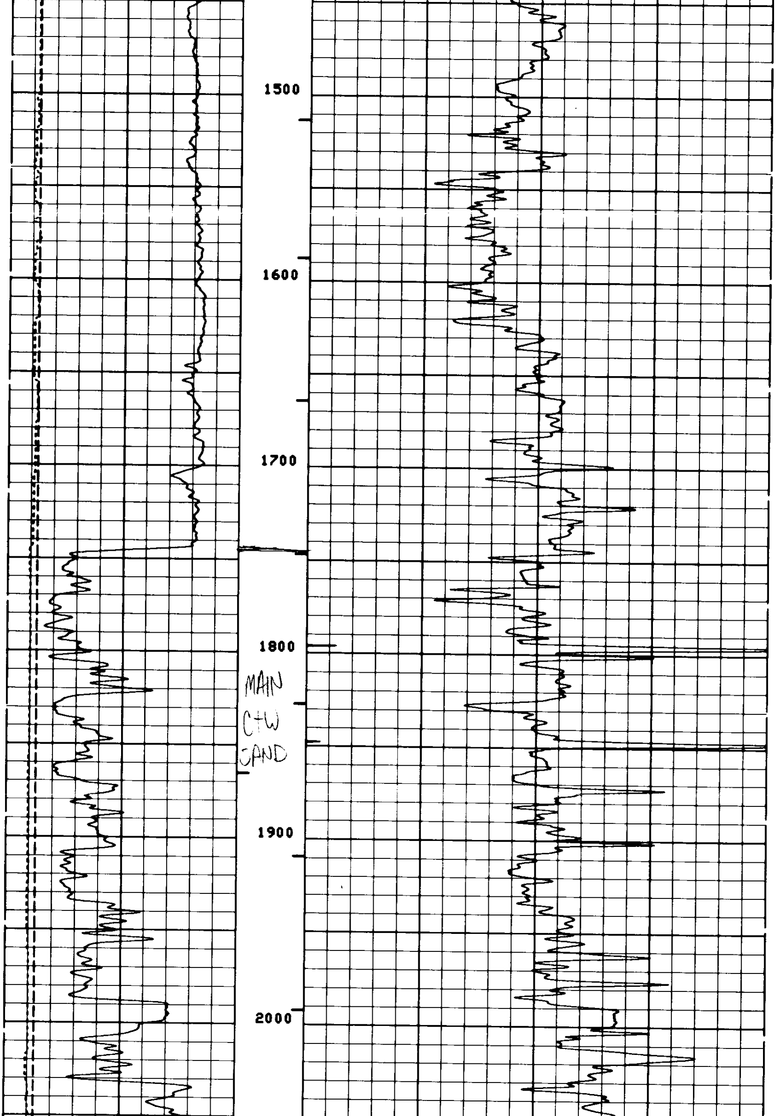
DT (US/F)
175.0 75.00

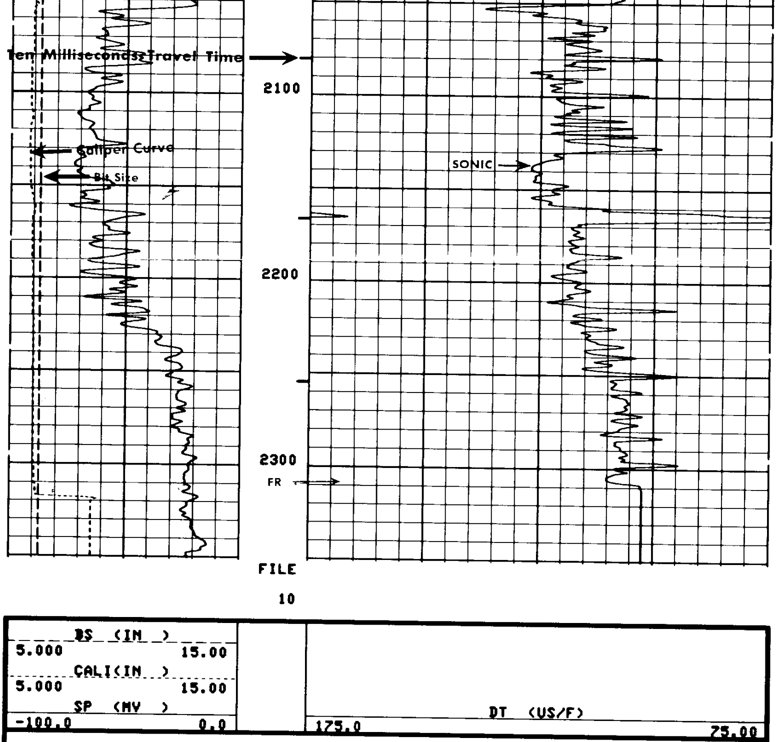
FILE

10









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FPHI		SPHI	MSEC	MM/M	13.24			
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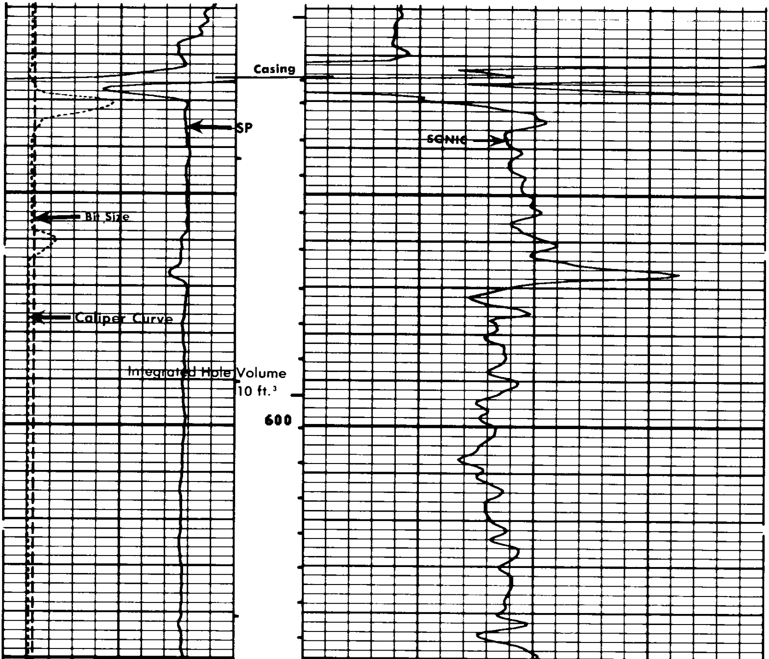
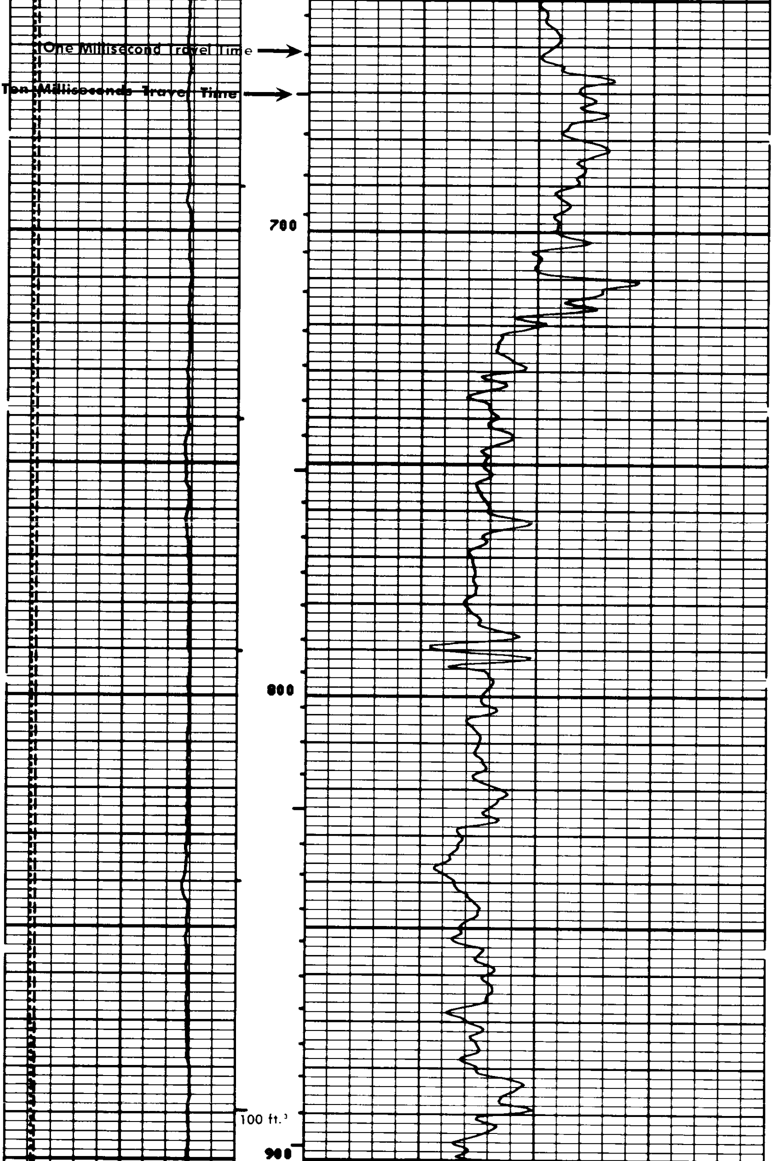
BS (IN)
5.000 15.00
CALI(IN)
5.000 15.00
SP (MV)
-100.0 0.0

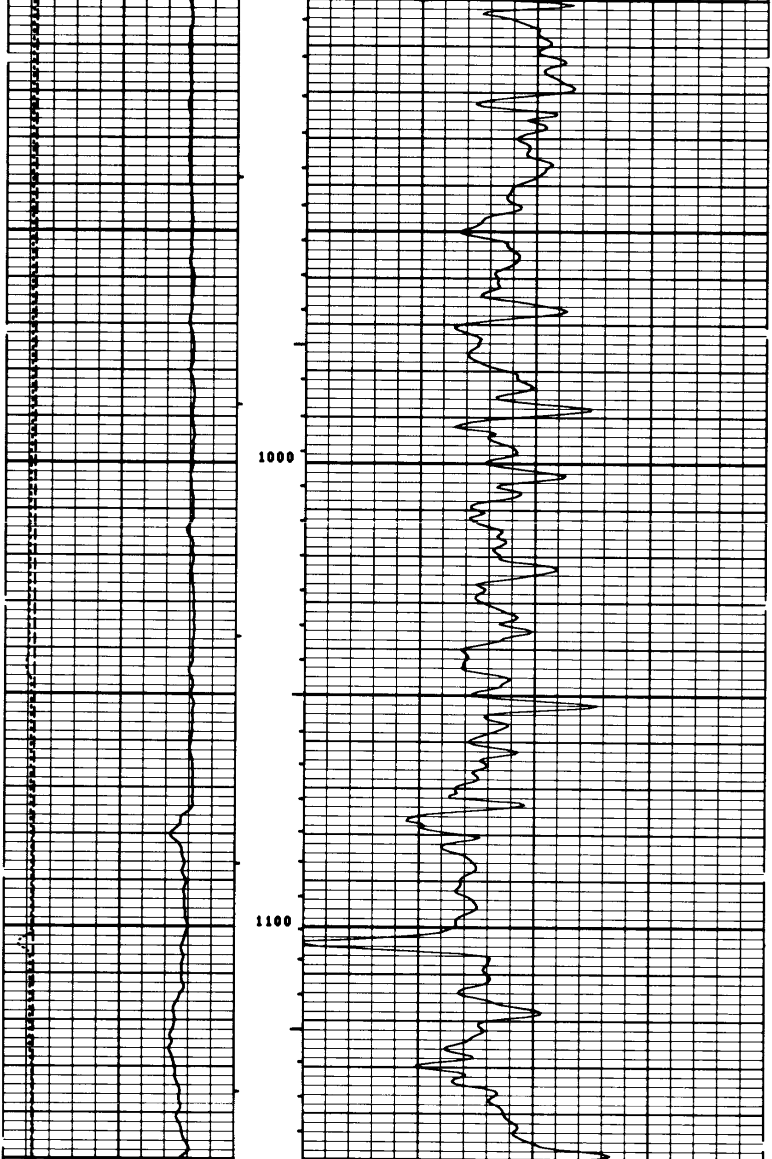
DT (US/F)
175.0 75.00

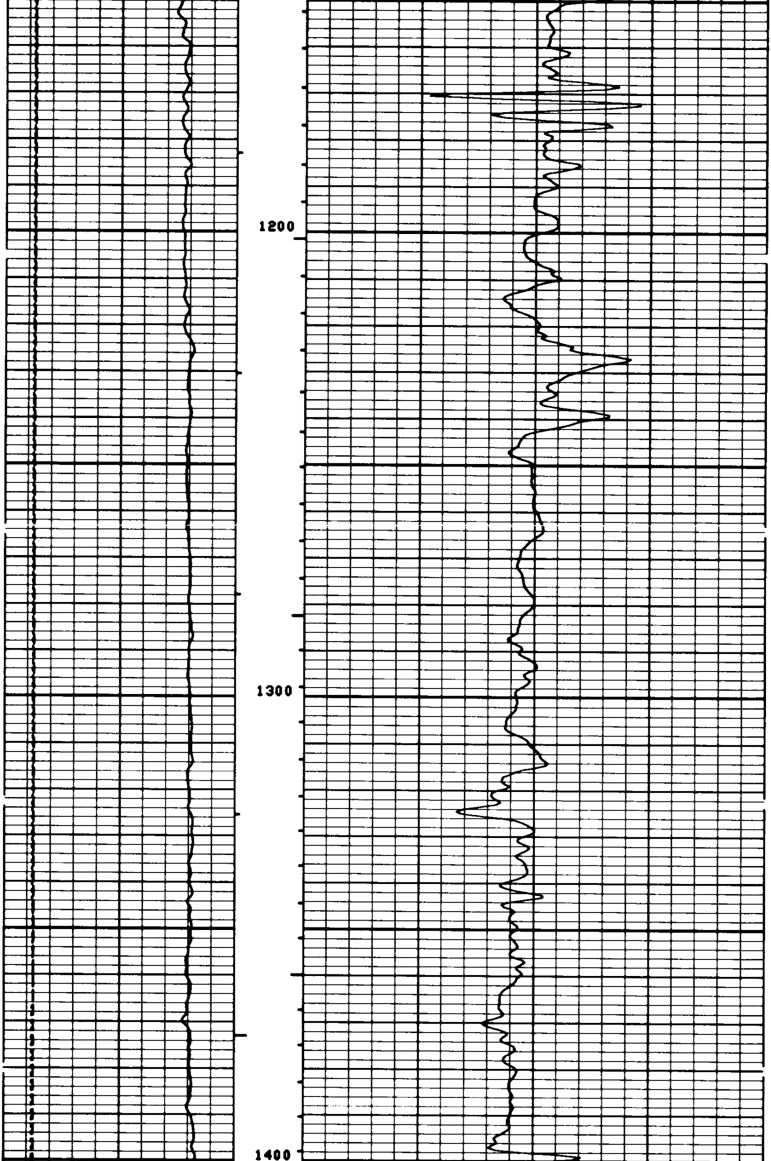
FILE

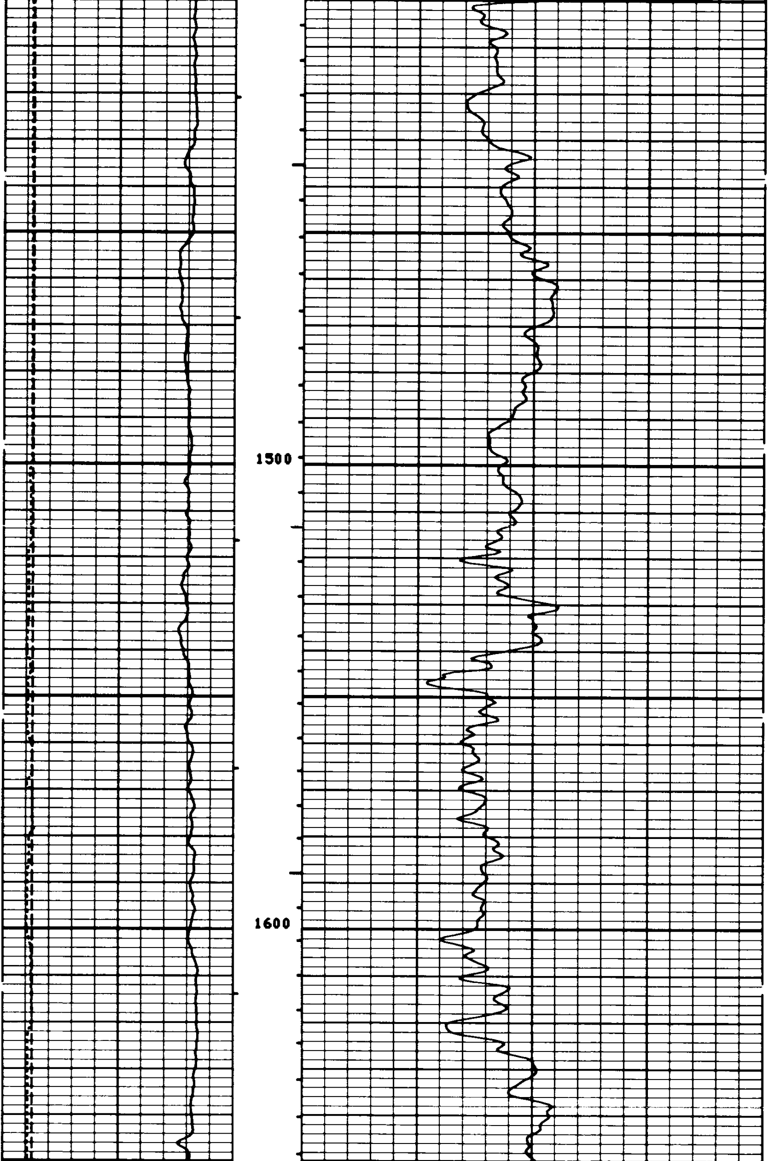
27512

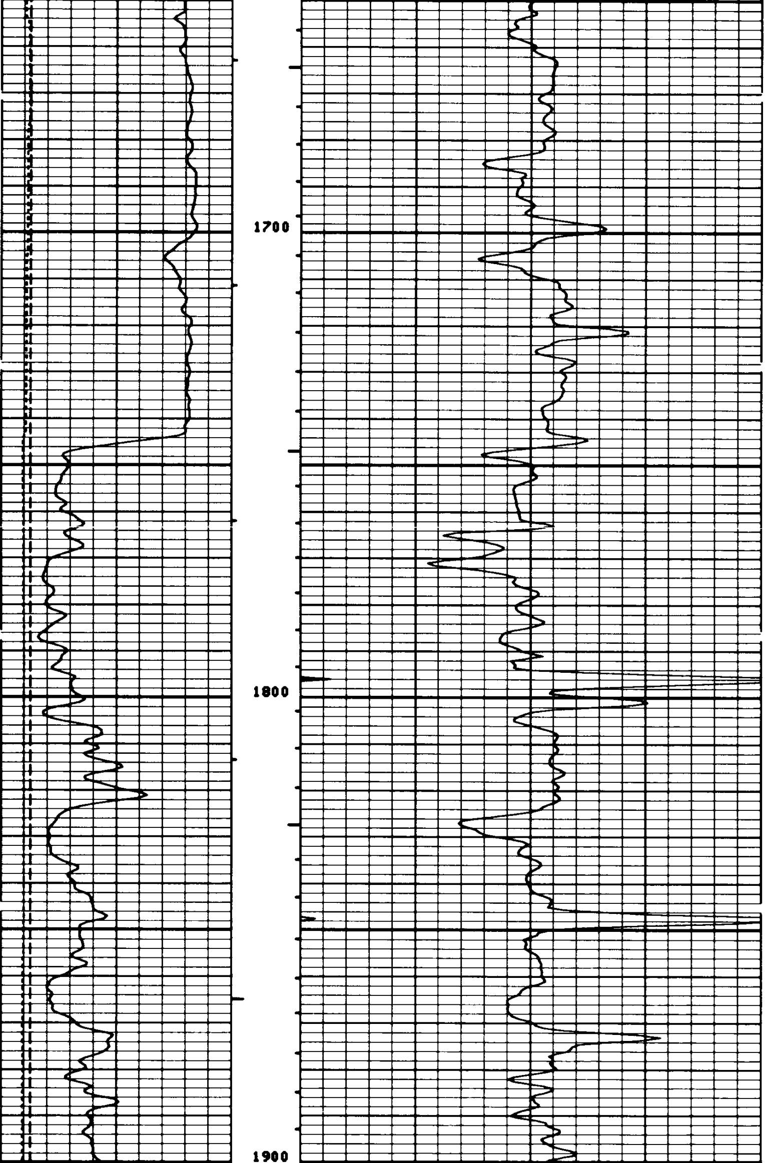


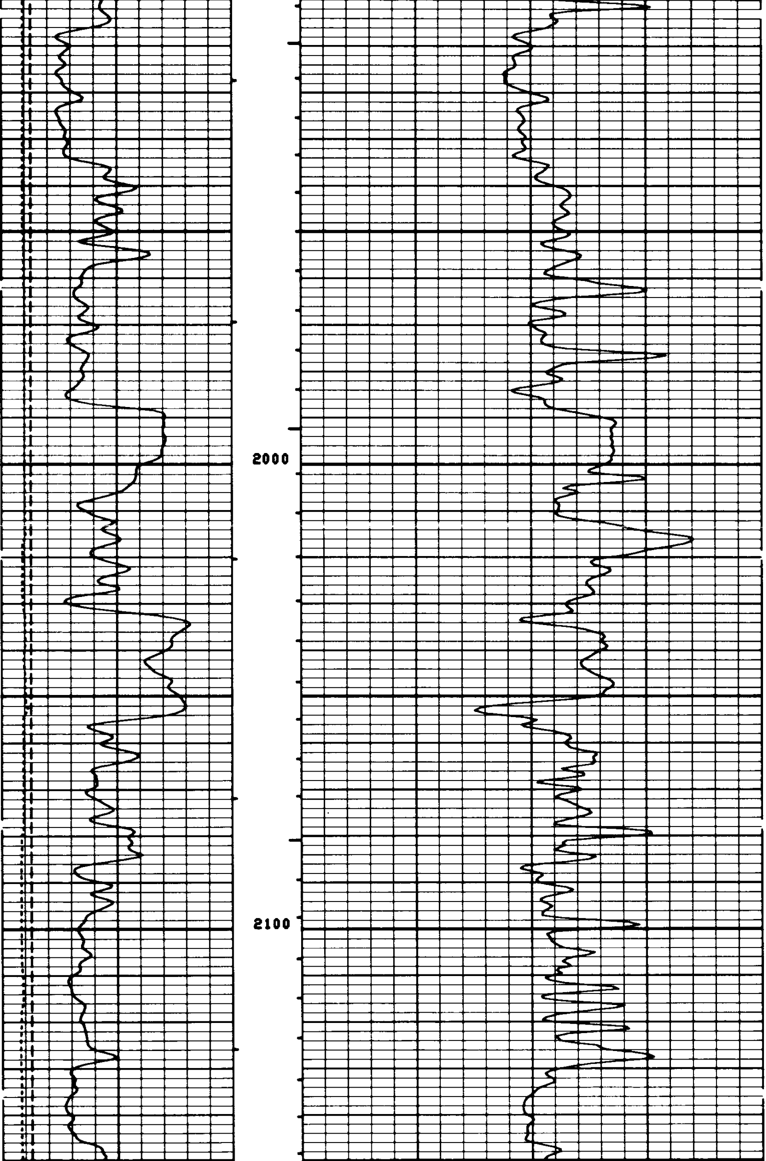


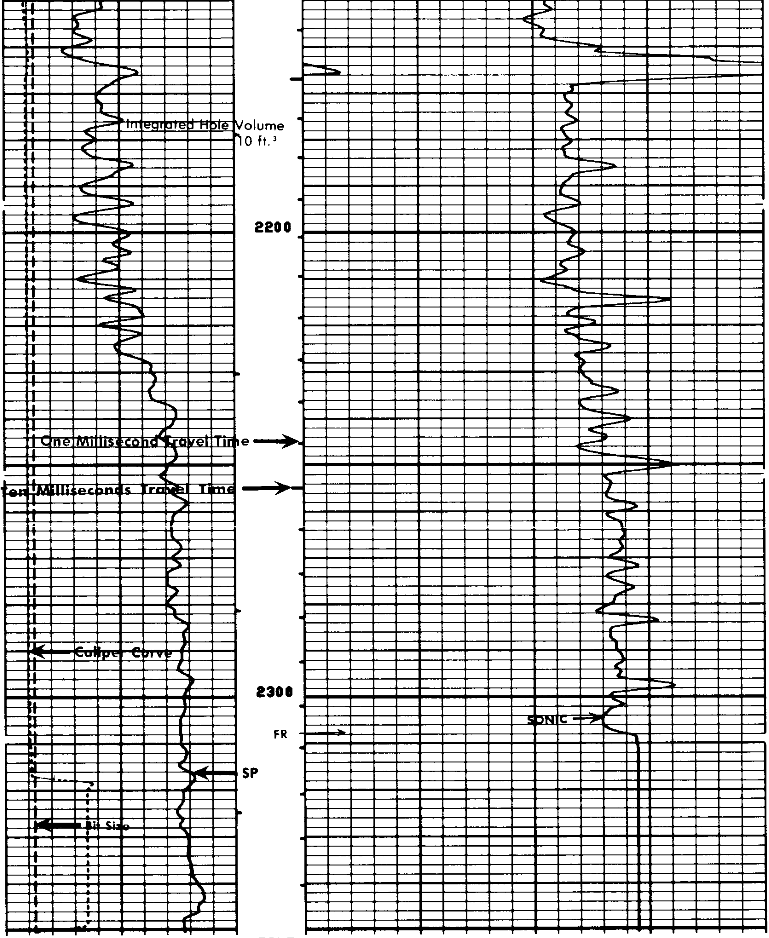












FILE

27512

BS (IN)		DT (US/F)	
5.000	15.00		
CALI(IN)			
5.000	15.00		
SP (MV)			
-100.0	0.0	175.0	75.00

PARAMETERS

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FPHI		SPHI	MSEC	MM/M	13.24			
DO		0.0	BHS		OPEN			

REPEAT SECTION REPEAT SECTION

PARAMETERS

NAME	UNIT	VALUE	NAME	UNIT	VALUE	NAME	UNIT	VALUE
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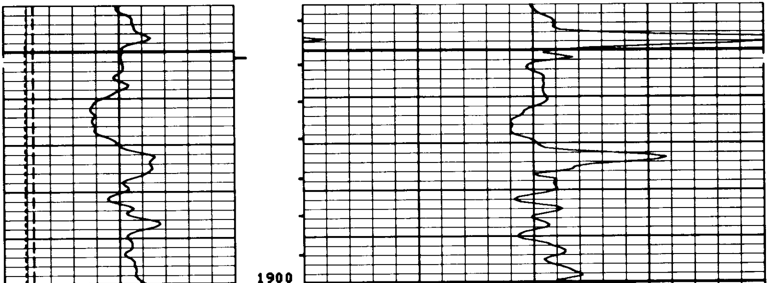
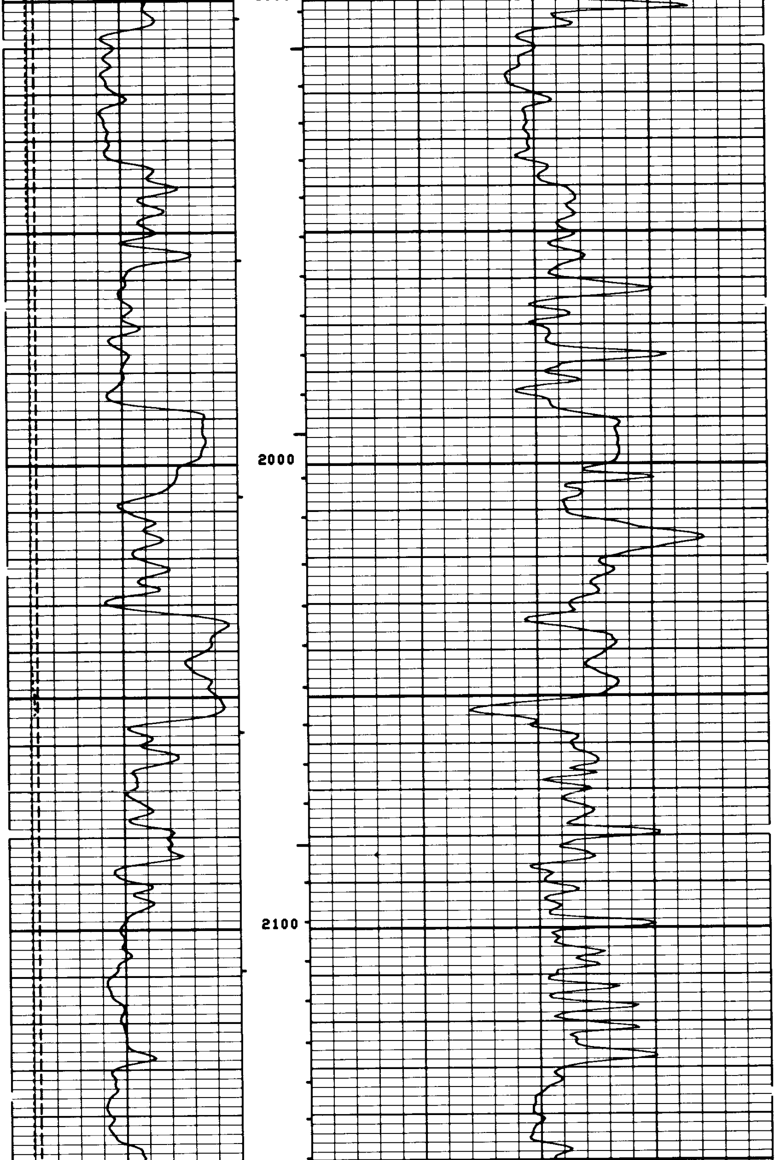
SBR	OHMM	1.000	DSEC	MM/M	5.360	DTF	US/F	189.0
FPHI		SPHI	MSEC	MM/M	13.24			
DO		0.0	BHS		OPEN			

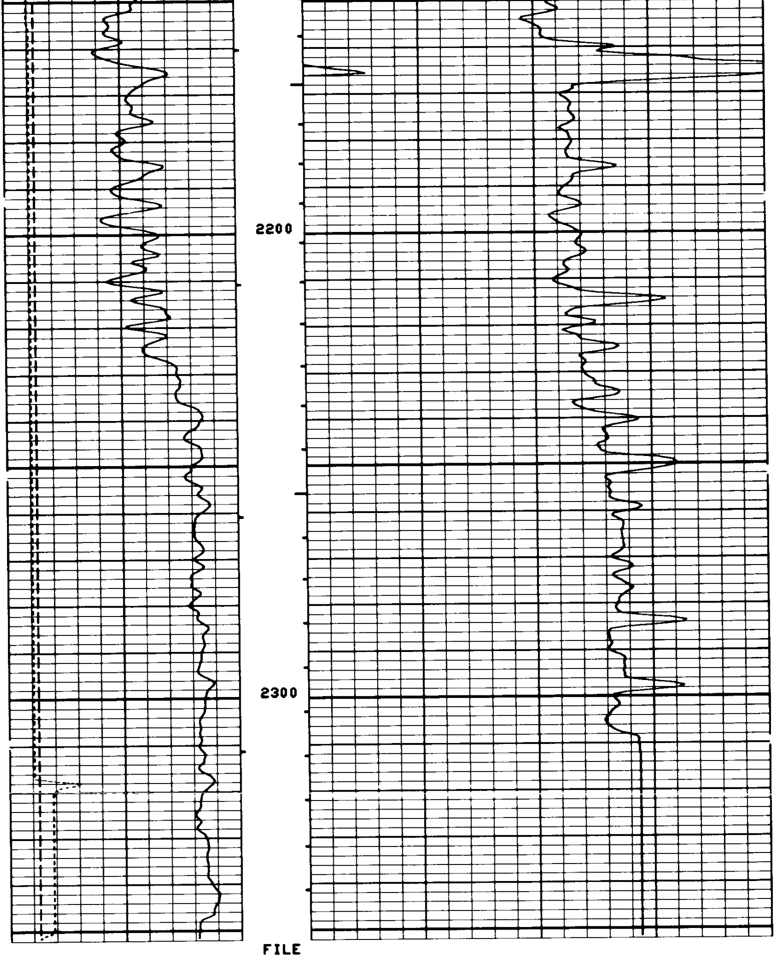
BS (IN)		DT (US/F)	
5.000	15.00		
CALI(IN)			
5.000	15.00		
SP (MV)			
-100.0	0.0	175.0	75.00

FILE

27511







FILE

27511

BS (IN)	5.000	15.00
CALI(IN)	5.000	15.00
SP (MV)	-100.0	0.0
DT (US/F)	175.0	75.00

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FPHI		SPHI	MSEC	MM/M	13.24			
DD		0.0	BHS		OPEN			

CALIBRATION RECORD

MODE

CALIPER CALIBRATION SUMMARY

	MEASURED		CALIBRATED		
	SMALL	LARGE	SMALL	LARGE	UNITS
CALI	5.6	11.1	6.0	12.0	IN

FILE

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BEFORE SURVEY CALIBRATION SUMMARY

CALIBRATION RECORD

COMPANY AMERICAN QUASAR PETROLEUM COMPANY

WELL CROWN ZELLERBACH NO. 30-33

FIELD MIST NEHALEM BASIN

COUNTY COLUMBIA STATE OREGON

SCHL. FR 2308

SCHL. TD 2350

DRLR. TD 2350

Elev: KB 842.9

DF --

GL 832.4