SCANNED

Schlumberger

BOREHOLE COMPENSATED SONIC LOG

COMPANY NORTHWEST EXPLORATION COMPANY
WELL FAT ELK NO. 1
FIELD WILDCAT COQUILLE AREA
COUNTY COOS STATE OREGON

LOCATION 2586' FROM SOUTH LINE & 882' FROM WEST LINE

API SERIAL NO.	SEC.	TWP.	RANGE
	15	28S	13W

Other Services: DIL FDC/CNL/GR

Permanent Datum: GL ; Elev.: 688
Log Measured From: KB 12 Ft. Above Perm. Datum
Drilling Measured From: KB

Elev.: K.B. 700
D.F. -
G.L. 688

COUNTY COOS
FIELD WILDCAT COQUILLE AREA
LOCATION 15-28S-13W
WELL FAT ELK NO. 1
COMPANY NORTHWEST EXPLORATION COMPANY

Date	7/26/80			
Run No.	ONE			
Depth—Driller	3117			
Depth—Logger (Schl.)	2296			
Btm. Log Interval	2257			
Top Log Interval	650			
Casing—Driller	9 5/8 @ 652	@	@	@
Casing—Logger	650			
Bit Size	8 3/4"			
Type Fluid in Hole	LIGNO			
Dens. | Visc.	10.8 | 42			
pH | Fluid Loss	10.2 | 4.0 ml	ml	ml	ml
Source of Sample	FLOWLINE			
Rm @ Meas. Temp.	1.67 @ 72 °F	@ °F	@ °F	@ °F
Rmf @ Meas. Temp.	1.68 @ 64 °F	@ °F	@ °F	@ °F
Rmc @ Meas. Temp.	2.46 @ 64 °F	@ °F	@ °F	@ °F
Source: Rmf | Rmc	M | M			
Rm @ BHT	1.43 @ 85 °F	@ °F	@ °F	@ °F
TIME Circulation Stopped	1000			
TIME Logger on Bottom	1300			
Max. Rec. Temp.	85 °F	°F	°F	°F
Equip. | Location	8126 | 4408			
Recorded By	ROWE			
Witnessed By	ROBERTSON			

RECEIVED-PTLD
SEP 2 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.	23888			
Fluid Level	FULL			

EQUIPMENT DATA

Sonic Panel No.	443			
Sonic Cart No.	174			
Sonic Sonde No.	174			
Mem. Panel No.	CSU			
G.R. Cart. No.	1277			
G.R. Panel No.	418			
Caliper No.	866			
TTR No.	-			
Centralizers: No.	1 MCDB			
Type	CMEZ			
Standoffs: No.	1 FIN			
Type	-			
Time Const.-Sec.	-			
Speed - F.P.M.	30			

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	100	-	2265	SURF

REMARKS

FISH AT 2337
A LARGE NUMBER OF CYCLE
SKIPS DUE TO OUT OF GAUGE HOLE

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 our General Terms and Conditions as set out in our current Price Schedule.

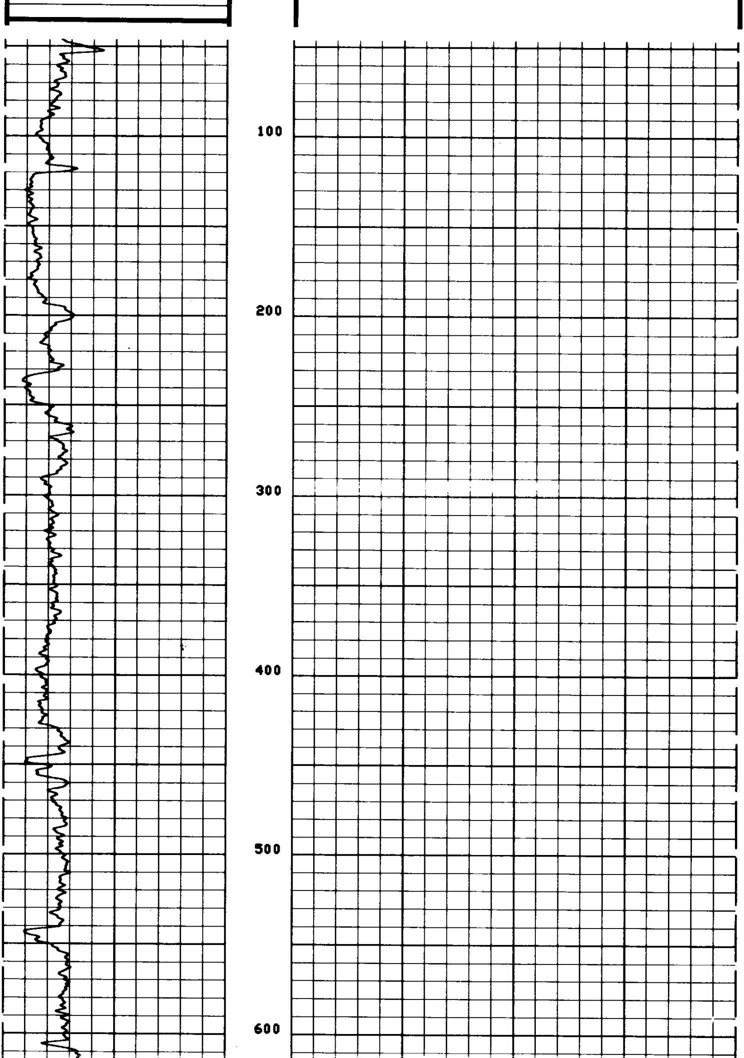
CALIPER DIAM. IN INCHES
6" 16"

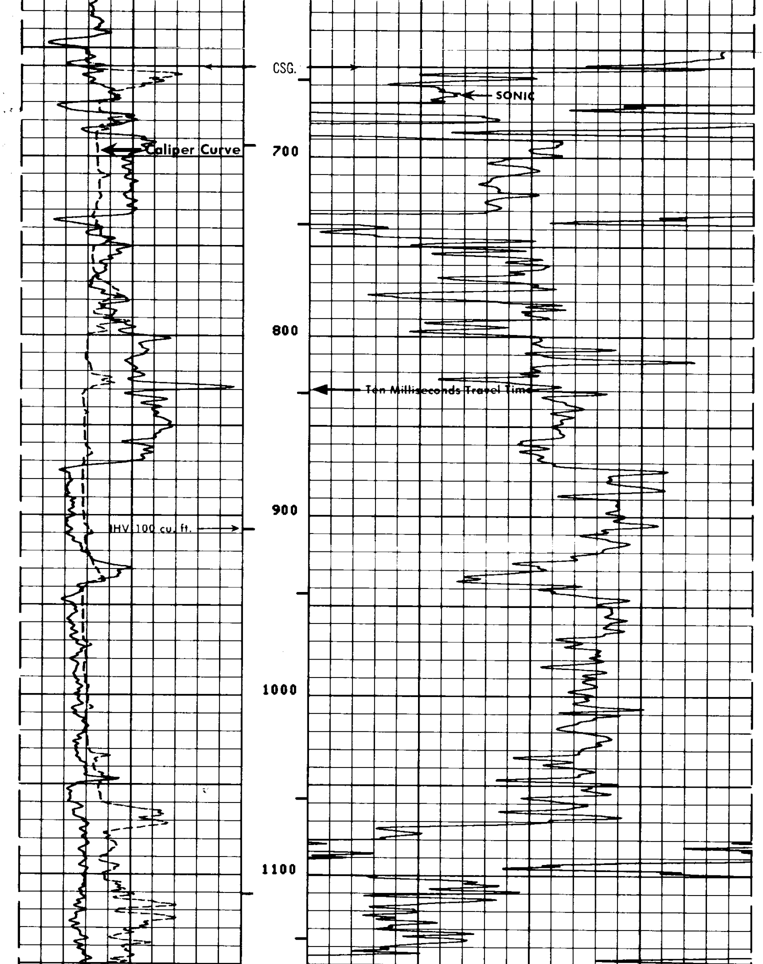
GAMMA RAY API UNITS
0 150

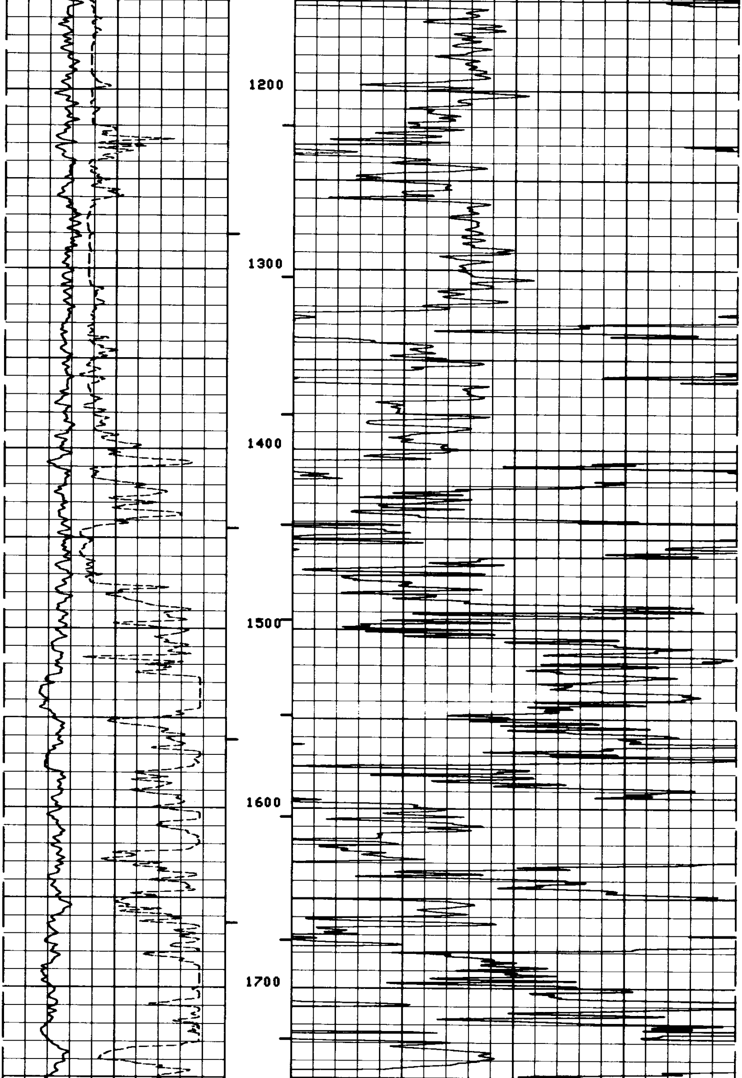
DEPTH

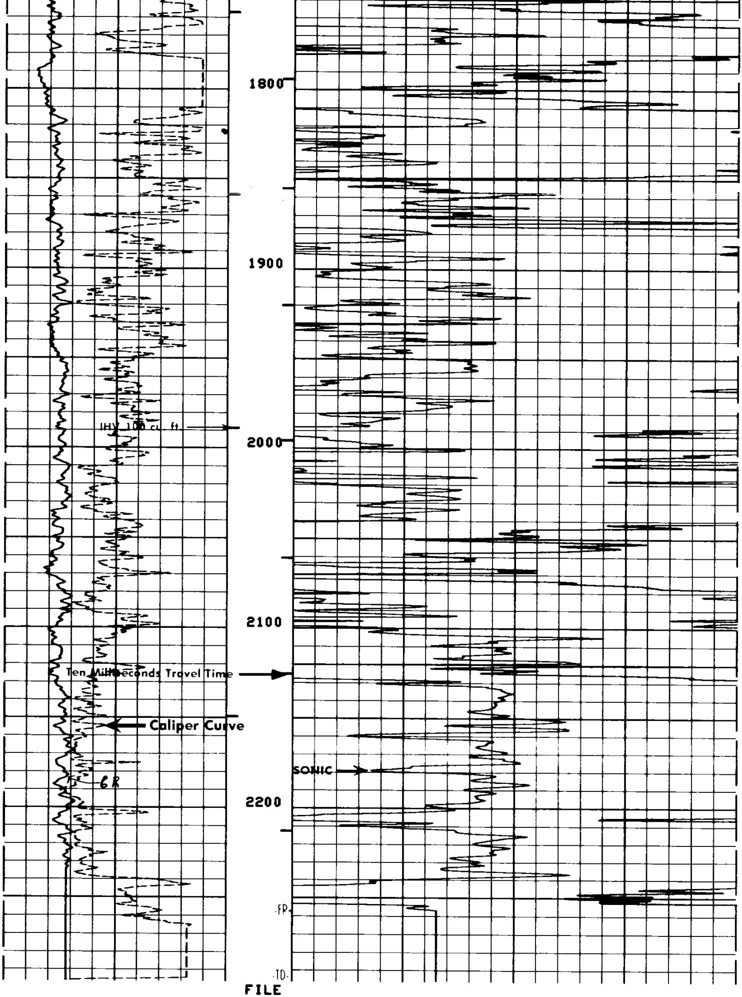
INTERVAL TRANSIT TIME MICROSECONDS PER FOOT T 3' R1 2' R2
150 100 50

INTEGRATED TRAVEL TIME









FILE

8

CALI(IN)		DT (US/F)	
6.000	16.00		
GR (GAPI)			
0.0	150.0	150.0	50.00

PARAMETERS

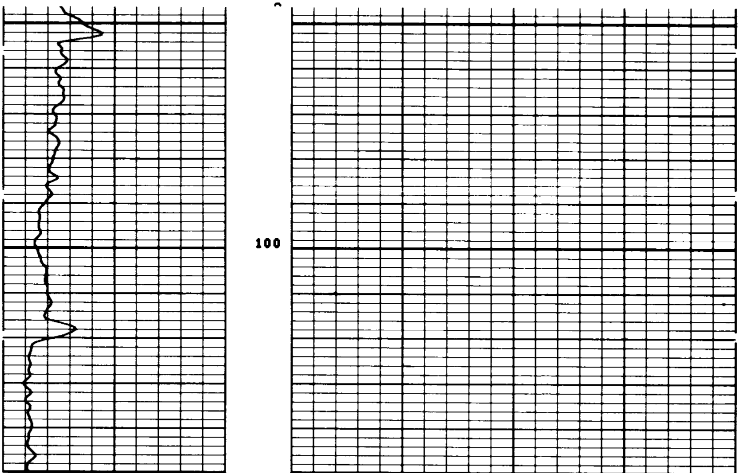
NAME	UNIT	VALUE	NAME	UNIT	VALUE	NAME	UNIT	VALUE
DTM	US/F	56.00	CDTS		100.0	BS	INCH	8.750
SBR	OHMM	1.000	DSEC	MM/M	4.790	DTF	US/F	189.0
FPHI		PHIX	MSEC	MM/M	4.000			
DO		0.0	BHS		OPEN			

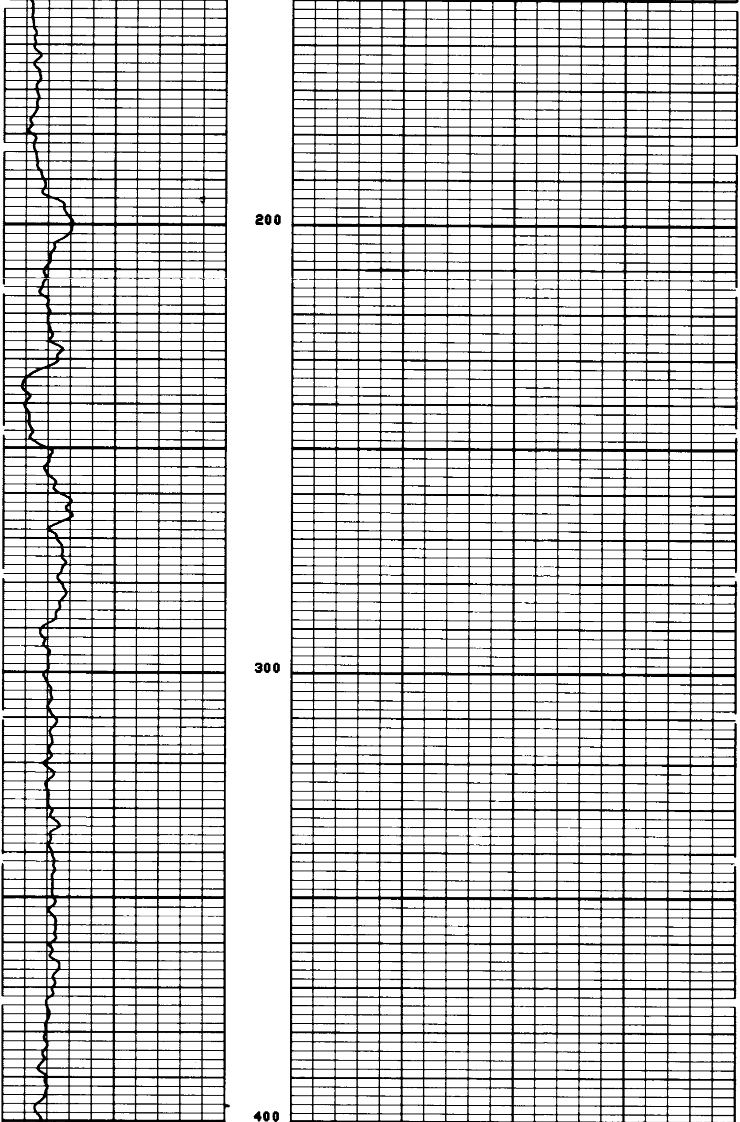
PARAMETERS

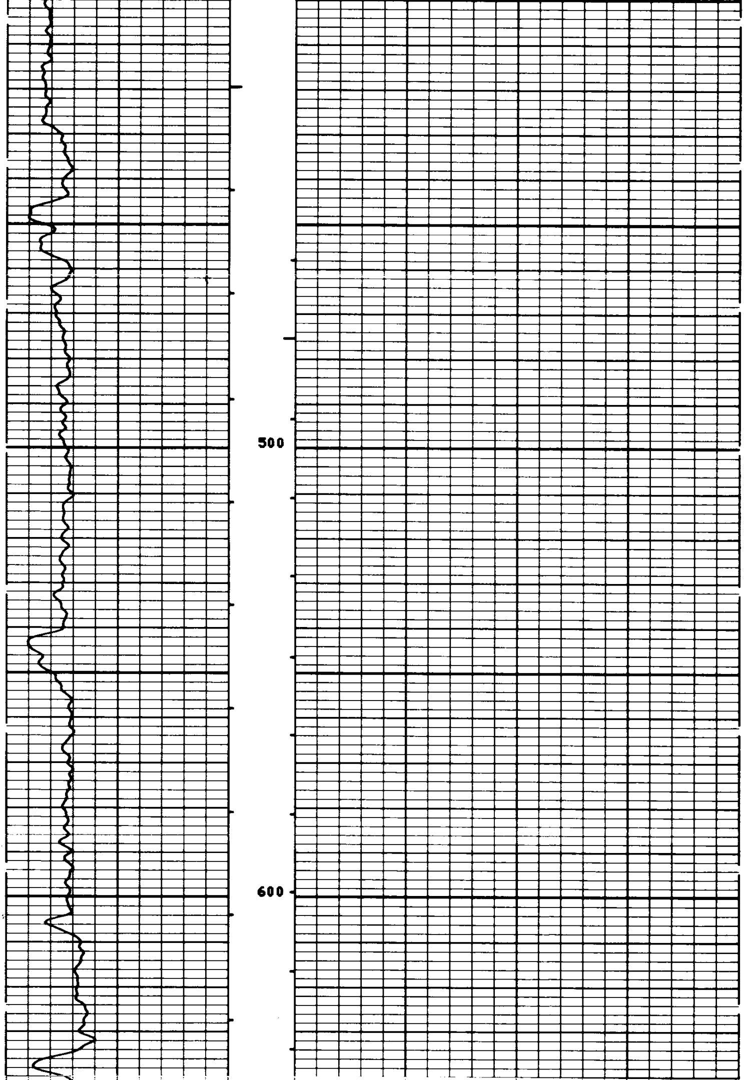
NAME	UNIT	VALUE	NAME	UNIT	VALUE	NAME	UNIT	VALUE
DTM	US/F	56.00	CDTS		100.0	BS	INCH	8.750
SBR	OHMM	1.000	DSEC	MM/M	4.790	DTF	US/F	189.0
FPHI		PHIX	MSEC	MM/M	4.000			
DO		0.0	BHS		OPEN			

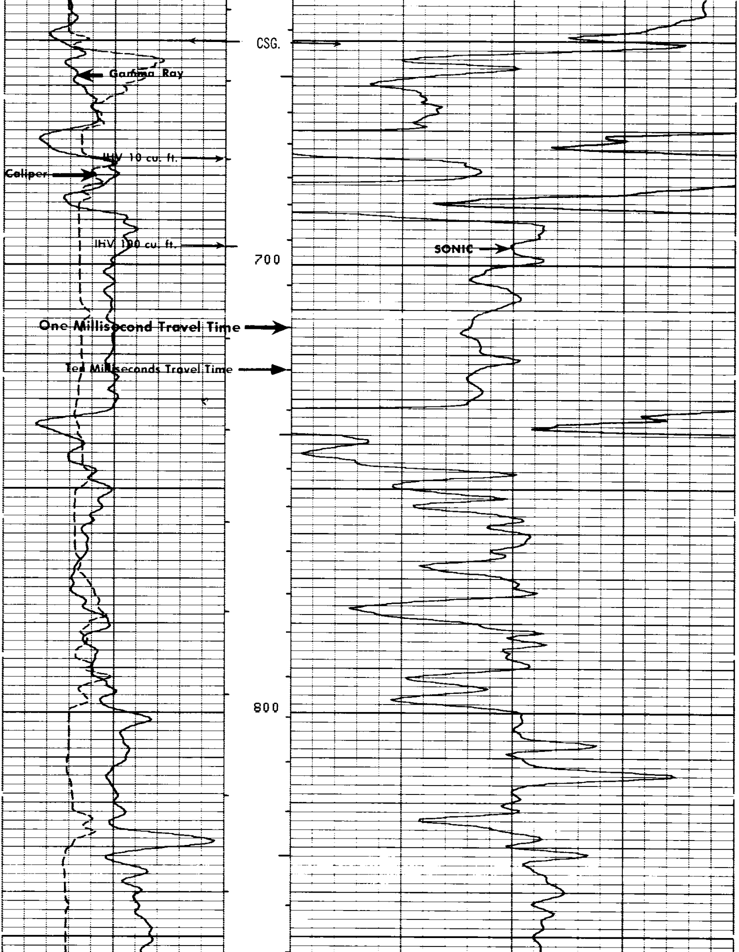
CALI(IN)		DT (US/F)	
6.000	16.00		
GR (GAPI)			
0.0	150.0	150.0	50.00

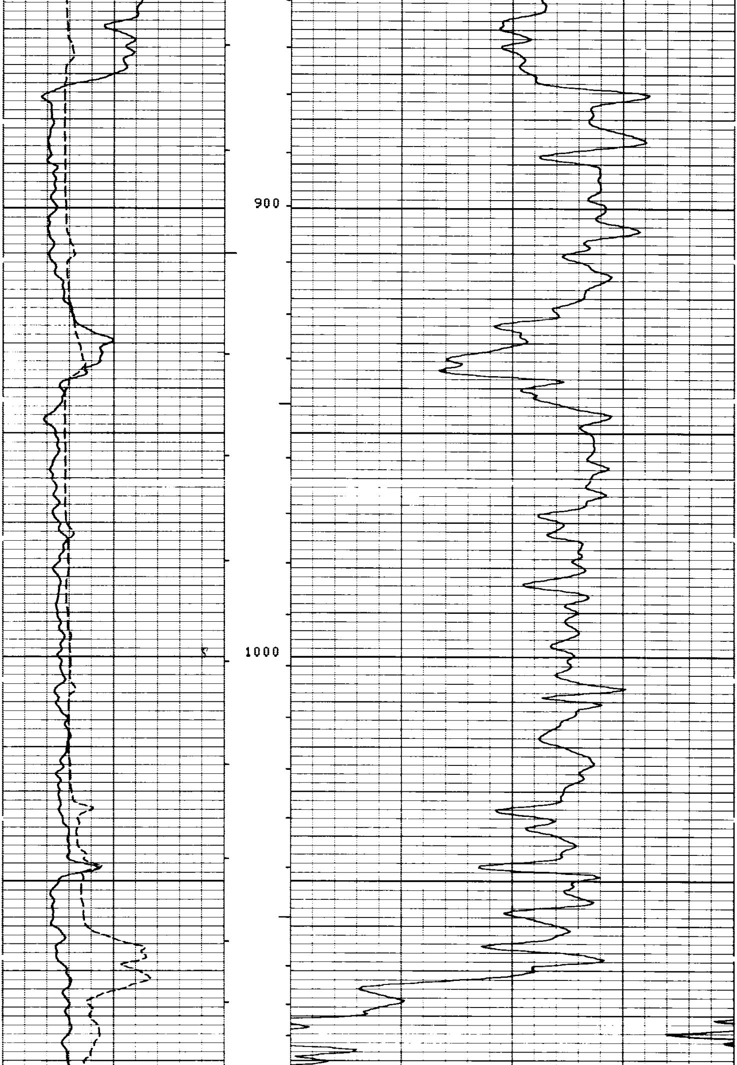
FILE

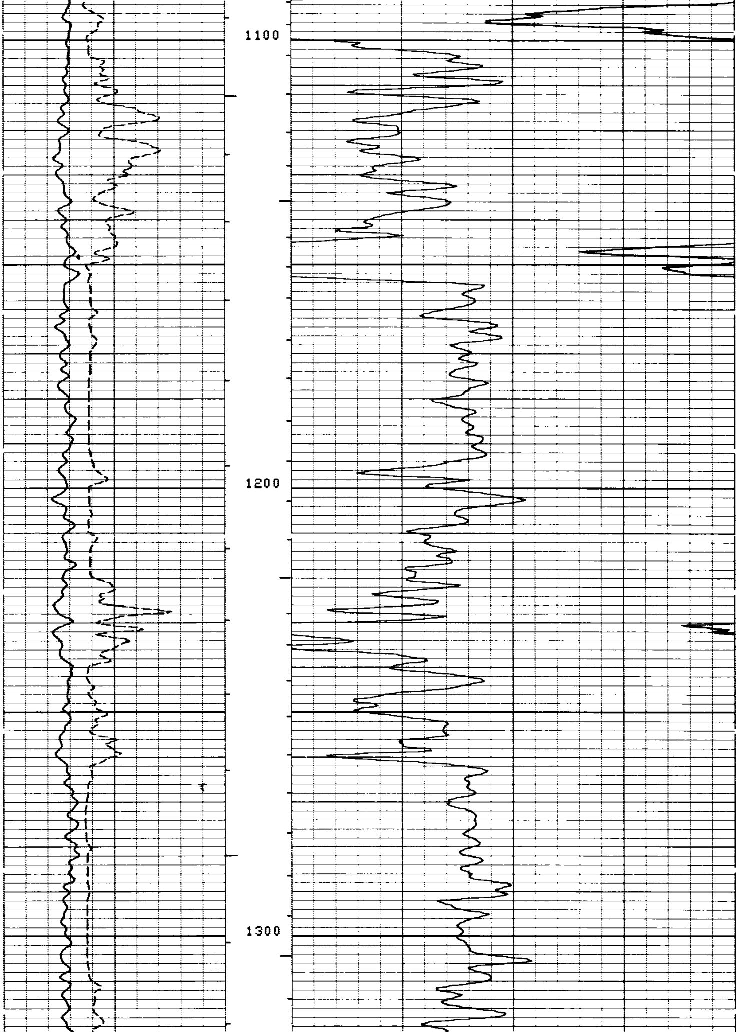


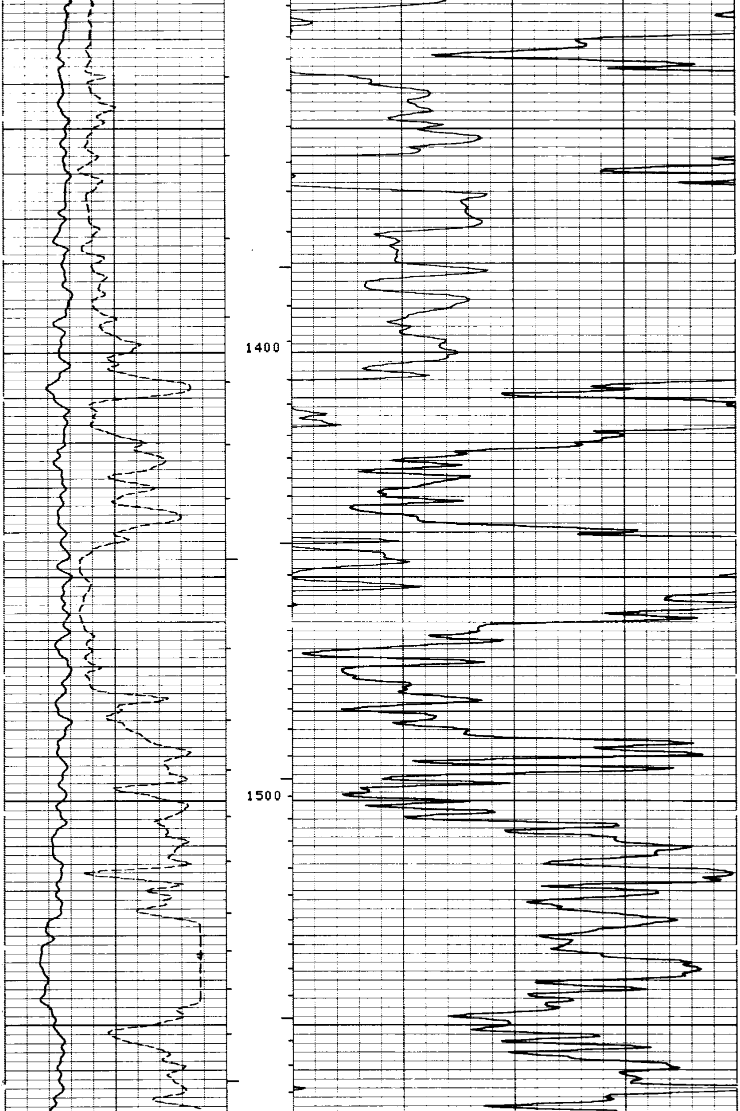


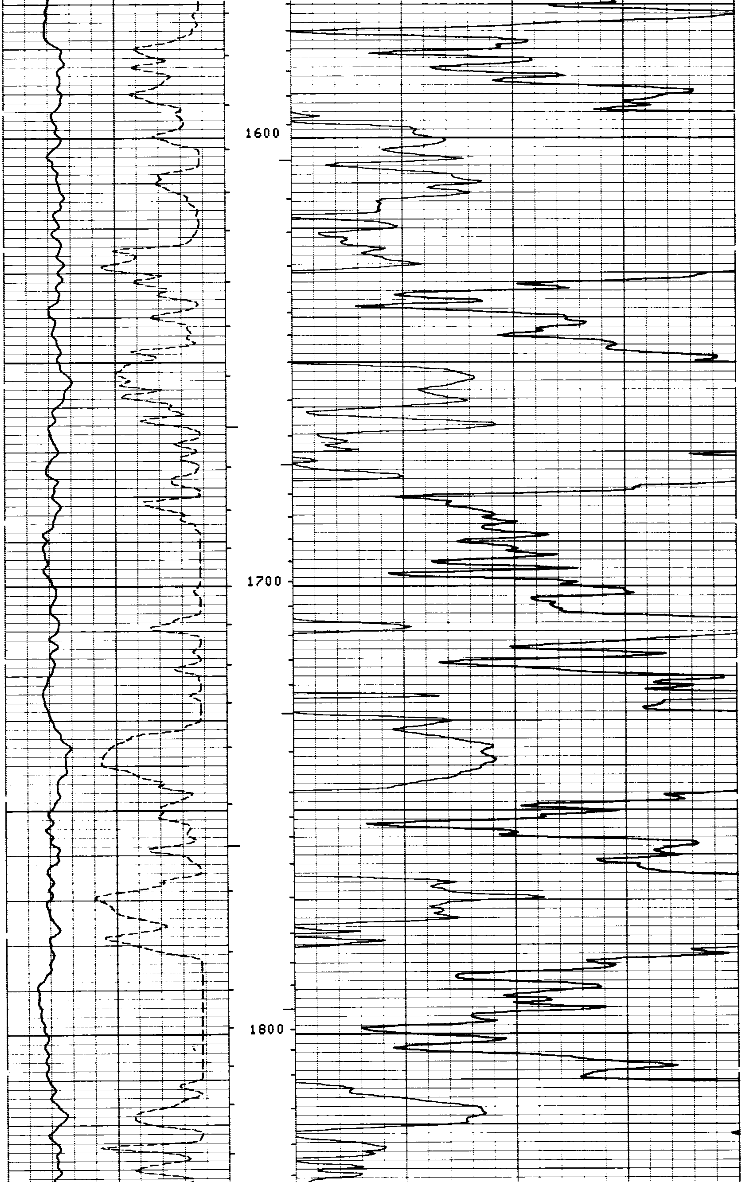


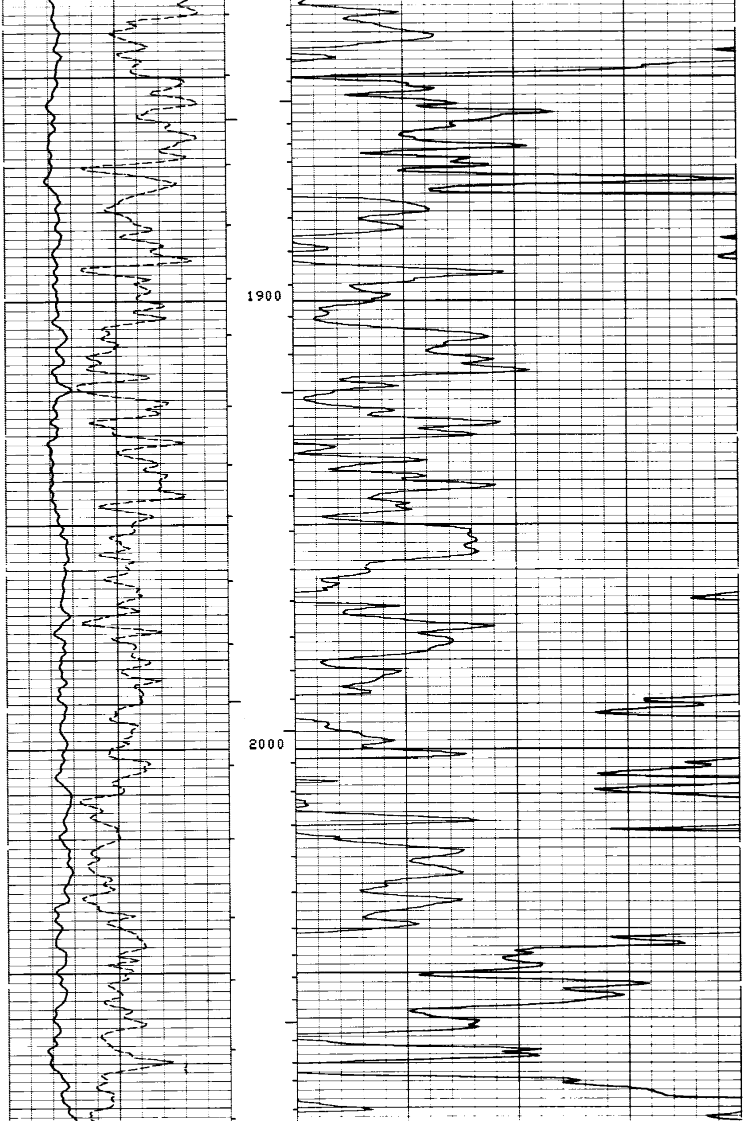


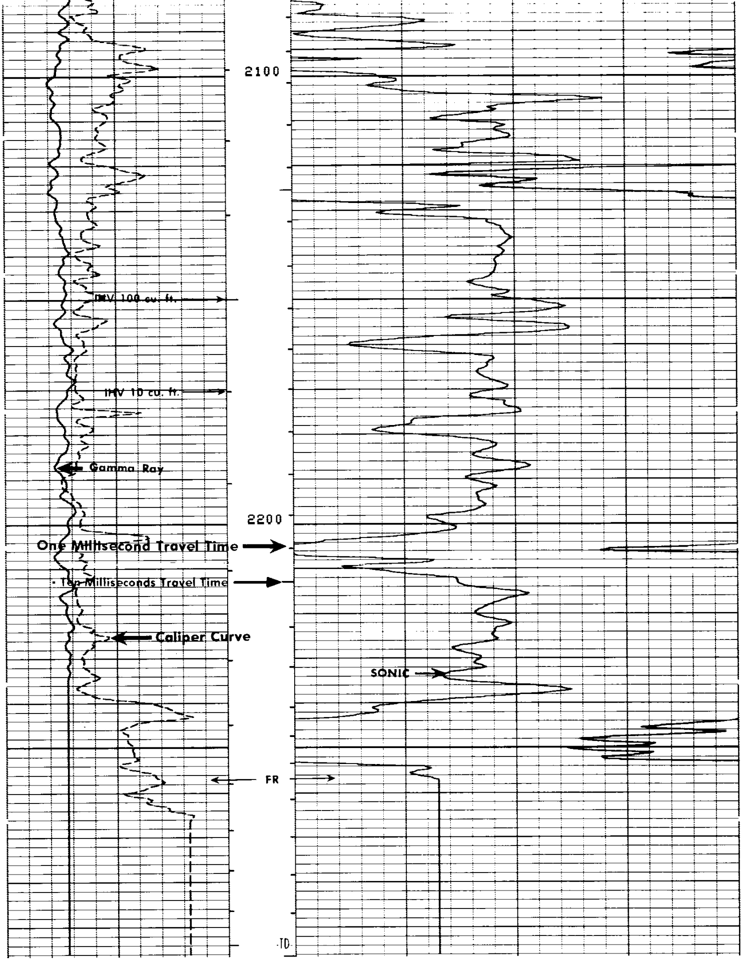












FILE

CALI(IN)
6.000 16.00
GR (GAPI)
0.0 150.0

DT (US/F)
150.0 50.00

PARAMETERS

NAME	UNIT	VALUE	NAME	UNIT	VALUE	NAME	UNIT	VALUE
DTM	US/F	56.00	CDTS		100.0	BS	INCH	8.750
SBR	OHMM	1.000	DSEC	MM/M	4.790	DTF	US/F	189.0
FPHI		PHIX	MSEC	MM/M	4.000			
DO		0.0	BHS		OPEN			

PARAMETERS

REPEAT SECTION

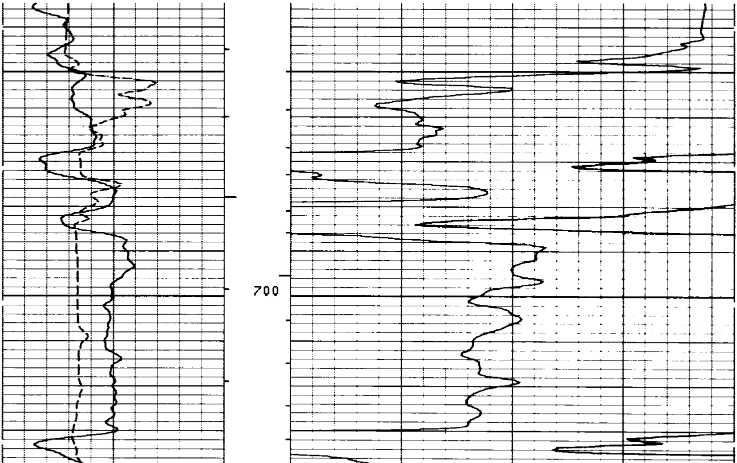
NAME	UNIT	VALUE	NAME	UNIT	VALUE	NAME	UNIT	VALUE
DTM	US/F	56.00	CDTS		100.0	BS	INCH	8.750
SBR	OHMM	1.000	DSEC	MM/M	4.790	DTF	US/F	189.0
FPHI		PHIX	MSEC	MM/M	4.000			
DO		0.0	BHS		OPEN			

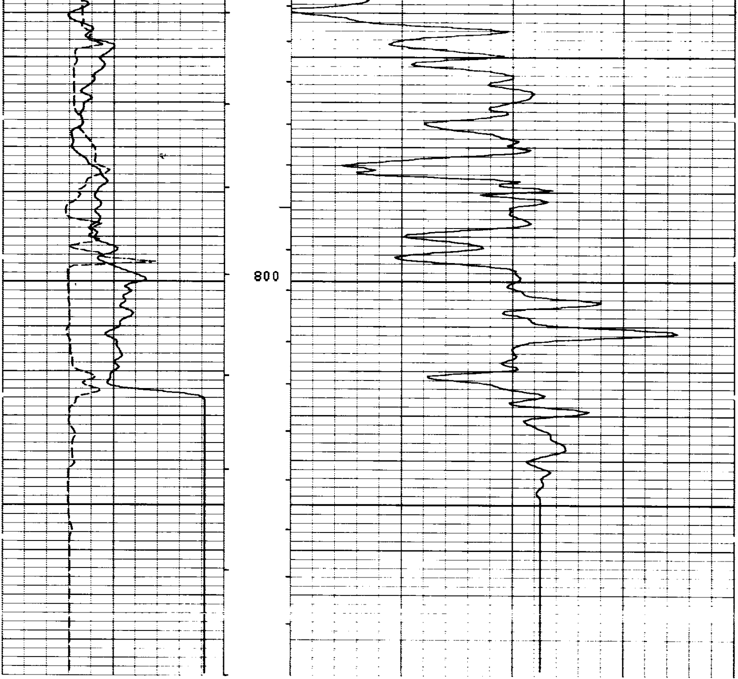
CALI(IN)
6.000 16.00
GR (GAPI)
0.0 150.0

DT (US/F)
150.0 50.00

FILE

12





FILE

12

CALI(IN)
6.000 16.00
GR (GAPI)
0.0 150.0

150.0 DT (US/F) 50.00

PARAMETERS

NAME	UNIT	VALUE	NAME	UNIT	VALUE	NAME	UNIT	VALUE
DTM	US/F	56.00	CDTS		100.0	BS	INCH	8.750
SBR	OHMM	1.000	DSEC	MM/M	4.790	DTF	US/F	189.0
FPHI		PHIX	MSEC	MM/M	4.000			
DO		0.0	BHS		OPEN			

CALIBRATION RECORD

MCDB

CALIPER CALIBRATION SUMMARY

	MEASURED		CALIBRATED		
	SMALL	LARGE	SMALL	LARGE	UNITS
CALI	6.1	11.8	6.0	12.0	IN

FILE

4

CALIBRATION RECORD

COMPANY NORTHWEST EXPLORATION COMPANY
WELL FAT ELK NO. 1
FIELD WILDCAT COQUILLE AREA
COUNTY COOS STATE OREGON

SCHL. FR 2257
SCHL. TD 2296
DRLR. TD 3117

Elev: KB 700
DF
GL 688