Schlumberger 5"

BOREHOLE COMPENSATED SONIC LOG

COMPANY AMERICAN QUASAR PETROLEUM COMPANY

WELL M & P FARMS NO. 33-24 MAR 20 1981

FIELD CORVALIS

COUNTY LINN STATE OREGON

LOCATION			
1980'FWL & 660'FSL			
API SERIAL NO.	SEC.	TWP	RANGE
	33	11S	4W

Other Services:
DIL
HDT
FDC/CNL/GR

COUNTY LINN
FIELD CORVALIS
LOCATION 33-11S-4W
WELL M&P FARMS NO.33-24
COMPANY AMERICAN QUASAR

Permanent Datum: GL ; Elev.: 220.5
Log Measured From KB 10.5 Ft. Above Perm. Datum
Drilling Measured From KB

Elev.: K.B. 231.0
D.F. --
G.L. 220.5

Date	3-4-81			
Run No.	ONE			
Depth—Driller	4275			
Depth—Logger (Schl.)	4266			
Btm. Log Interval	4254			
Top Log Interval	520			
Casing—Driller	7" @ 515	@	@	@
Casing—Logger	520			
Bit Size	6¼"			
Type Fluid in Hole	GEL-LIGNITE			
Dens. | Visc.	76 | 49	|	|	|
pH | Fluid Loss	9.5 | 4.9 ml	ml	ml	ml
Source of Sample	CIRCULATION			
Rm @ Meas. Temp.	0.85 @ 62 °F	@ °F	@ °F	@ °F
Rmf @ Meas. Temp.	0.98 @ 47 °F	@ °F	@ °F	@ °F
Rmc @ Meas. Temp.	1.75 @ 47 °F	@ °F	@ °F	@ °F
Source: Rmf | Rmc	M | M	|	|	|
Rm @ BHT	0.53 @ 101 °F	@ °F	@ °F	@ °F
TIME: Circulation Stopped	2100			
TIME: Logger on Bottom	0200			
Max. Rec. Temp.	101 °F	°F	°F	°F
Equip. | Location	8128 | SAC	|	|	|
Recorded By	FINNELL			
Witnessed By	MANN			

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

Run No.	ONE			
Service Order No.	205745			
Fluid Level	FULL			

EQUIPMENT DATA

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

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

SP IS NO GOOD ON REPEAT SECTION.

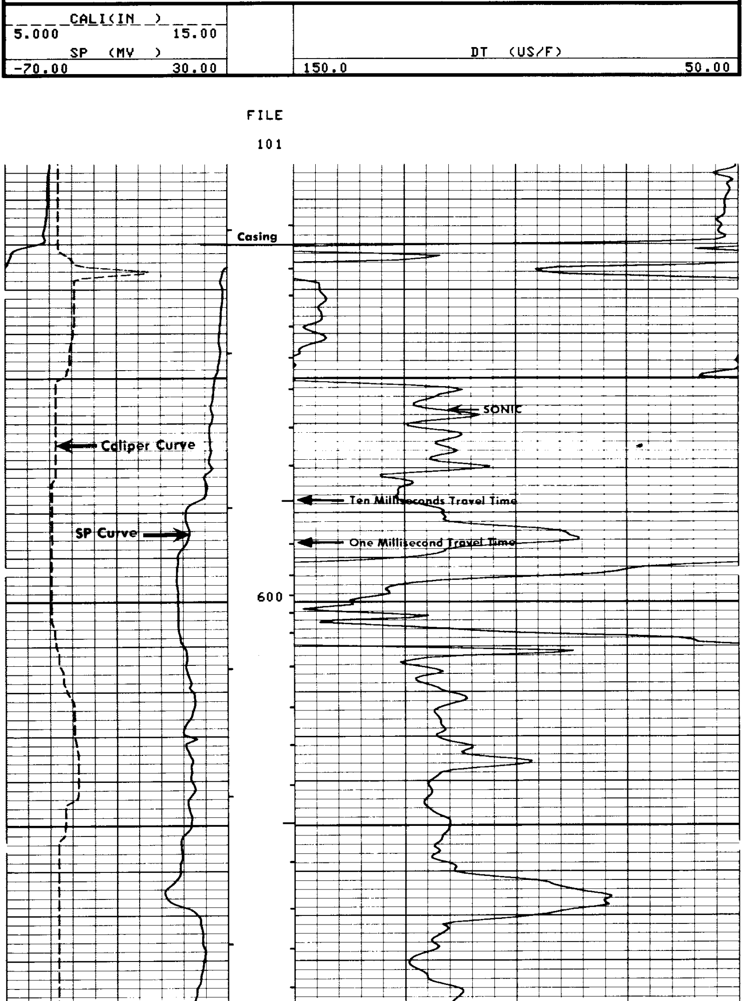
$$\text{Velocity (ft/sec)} = \frac{1{,}000{,}000}{\text{Interval Transit Time (microseconds per foot)}}$$

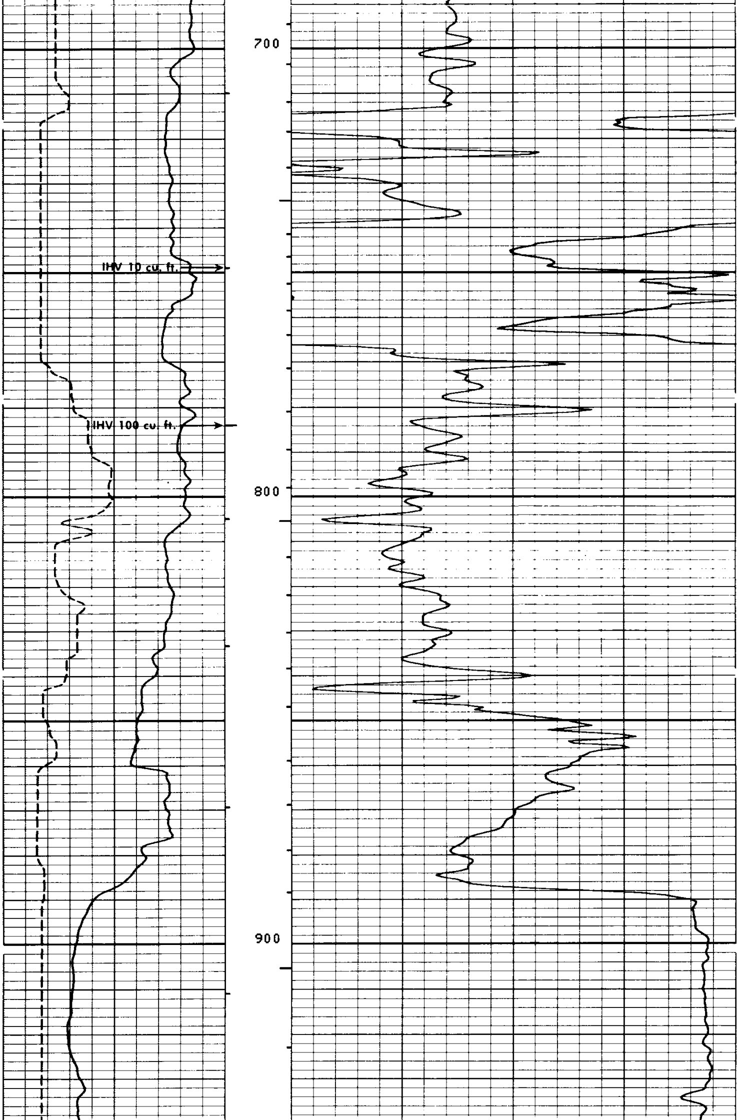
All interpretations are opinions based on inferences from electrical or other measurements and we cannot, and do not guarantee the accuracy or correctness of any interpretations, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs,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

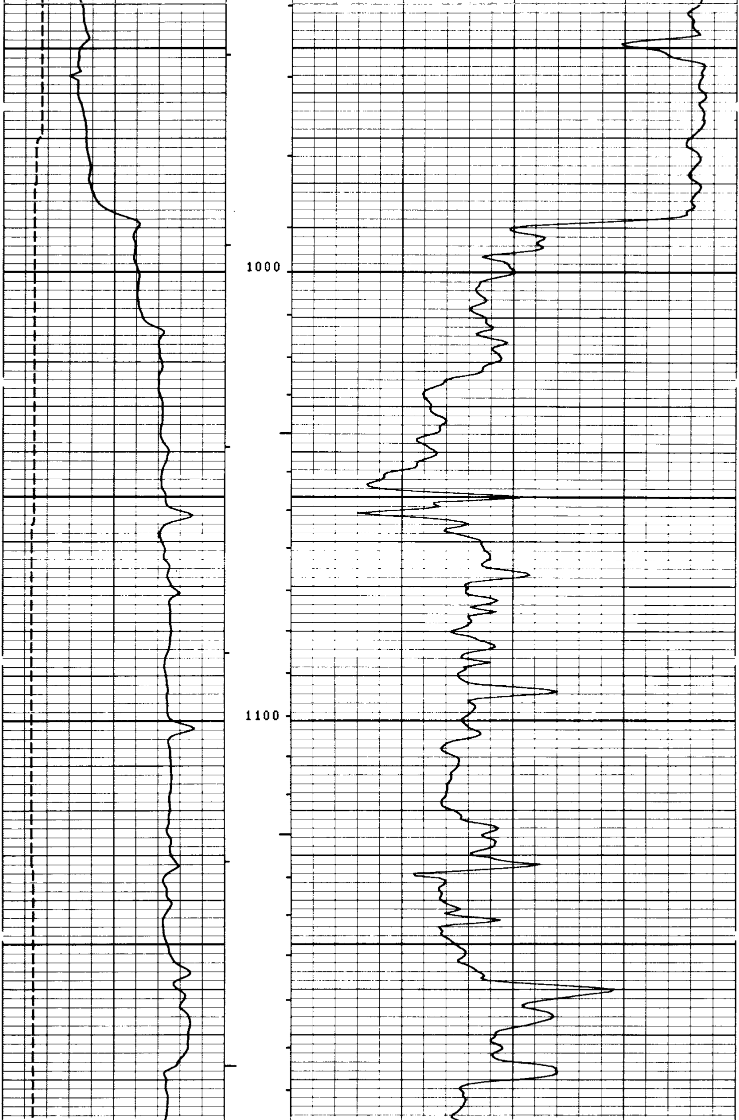
PARAMETERS

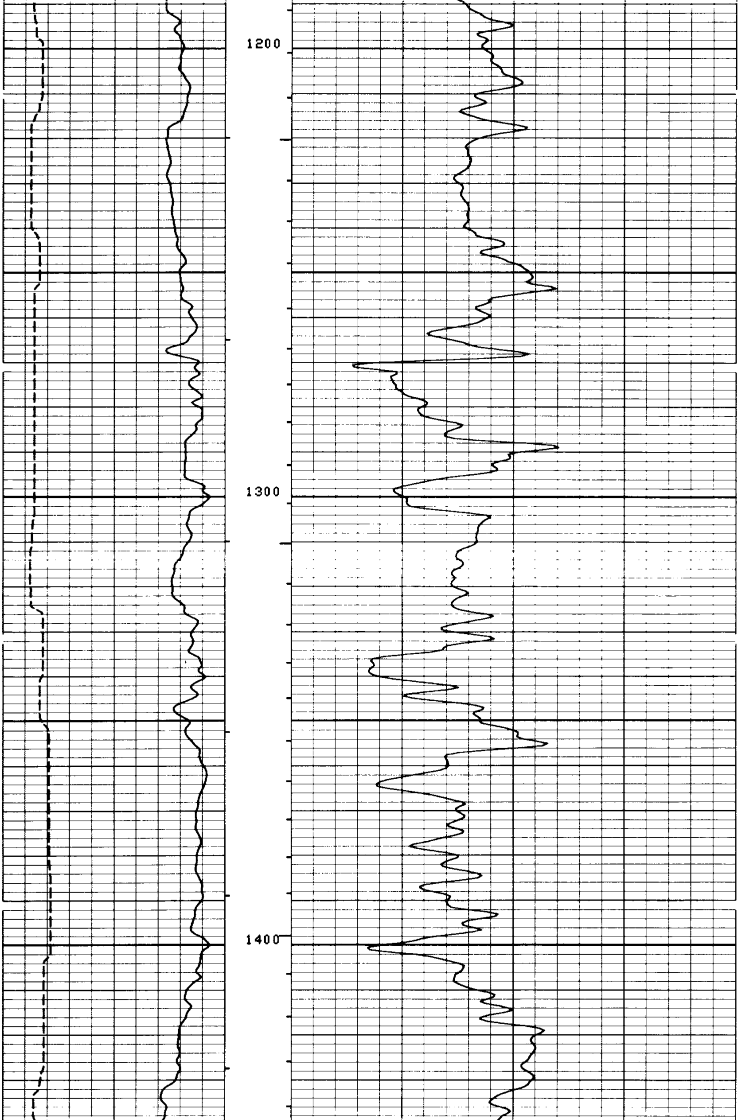
NAME	UNIT	VALUE	NAME	UNIT	VALUE	NAME	UNIT	VALUE

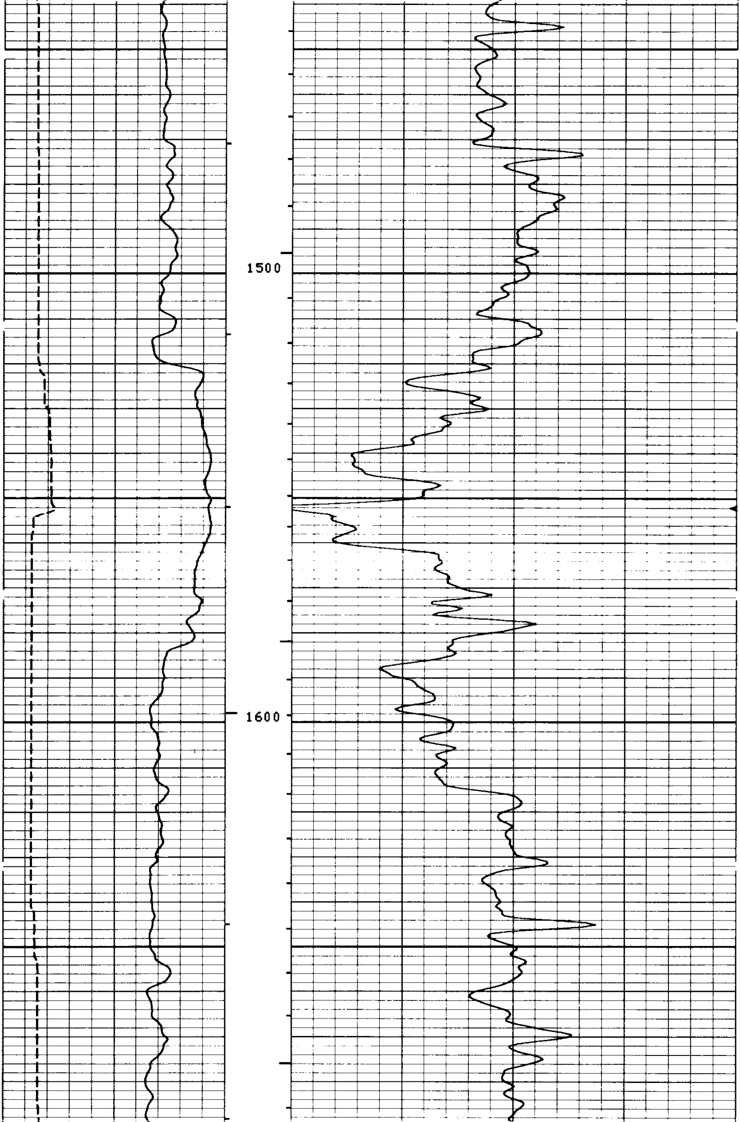
DTM	US/F	55.60	CDTS		145.0	BS	INCH	6.250
FPHI		SPHI	DTF	US/F	189.0			
DO		0.0	BHS		OPEN			

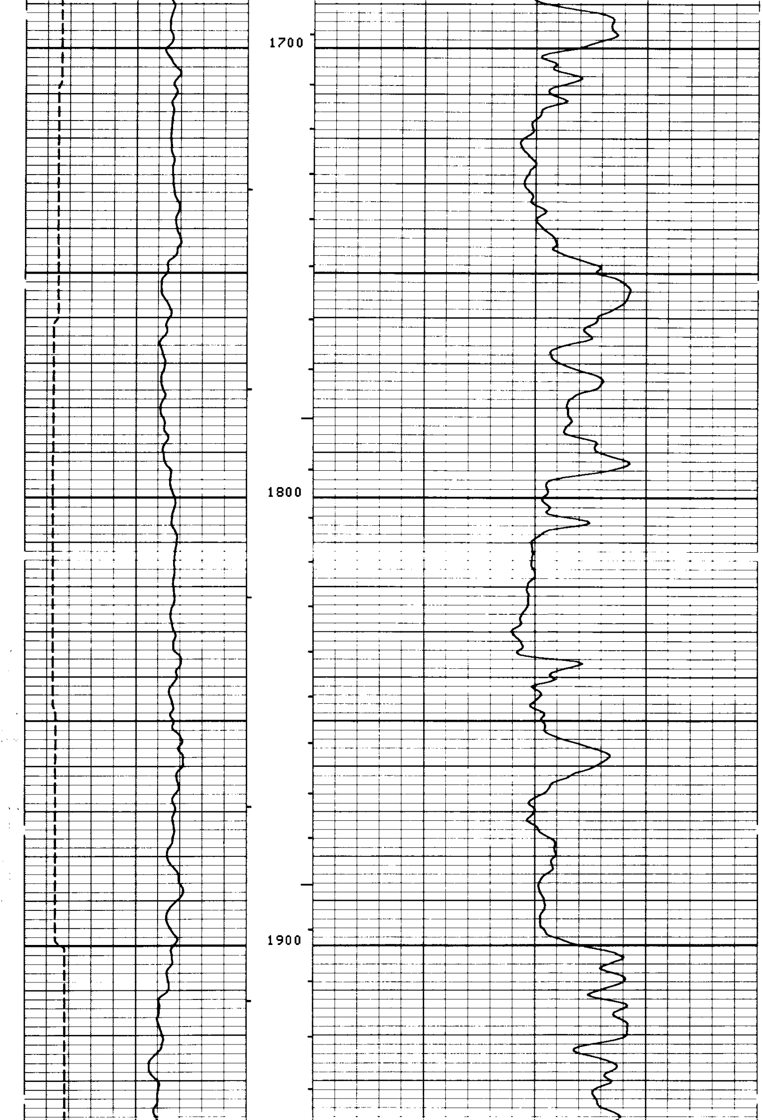


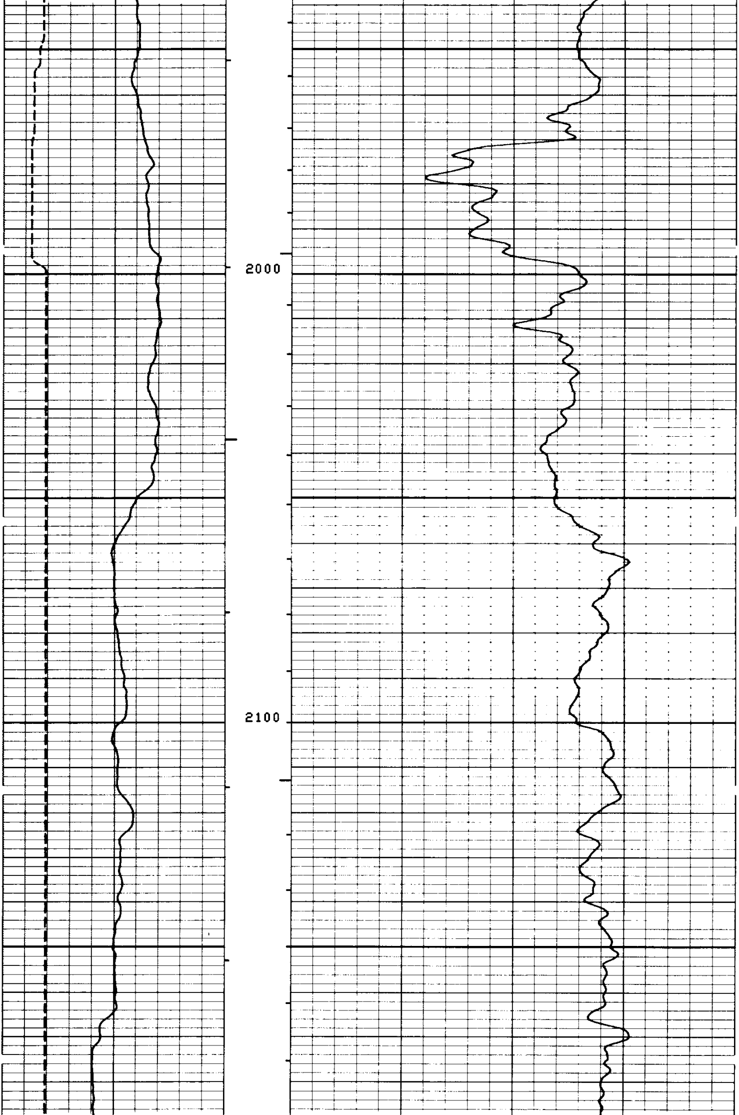


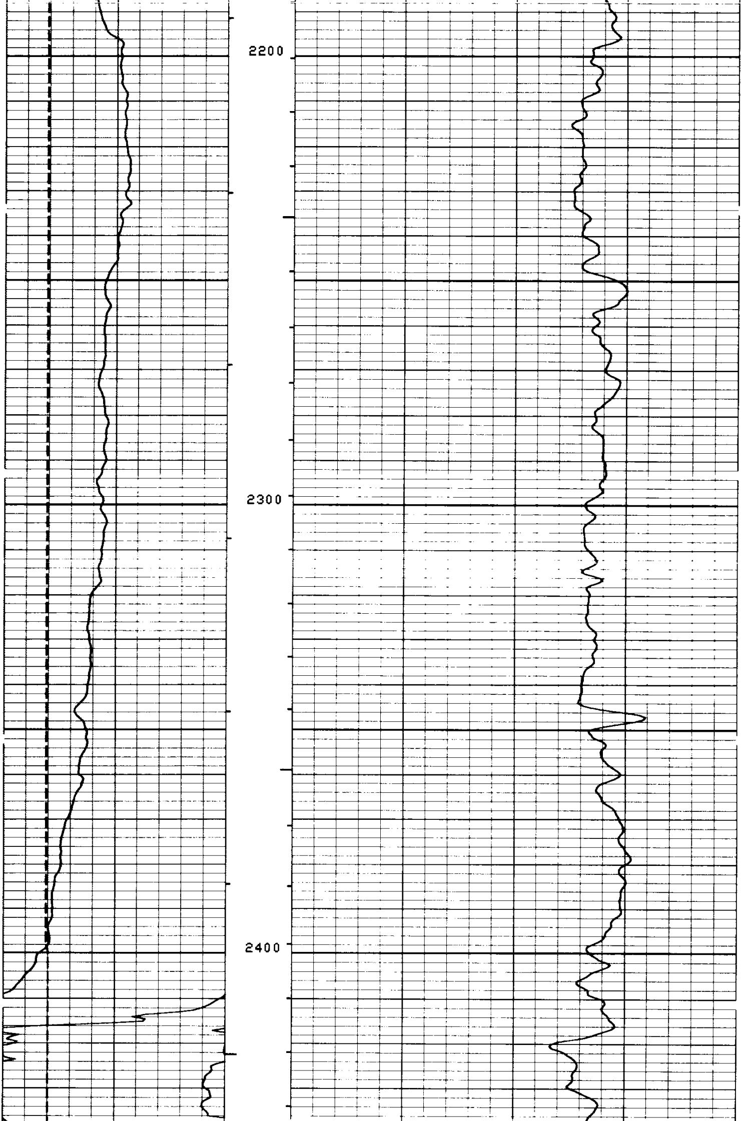


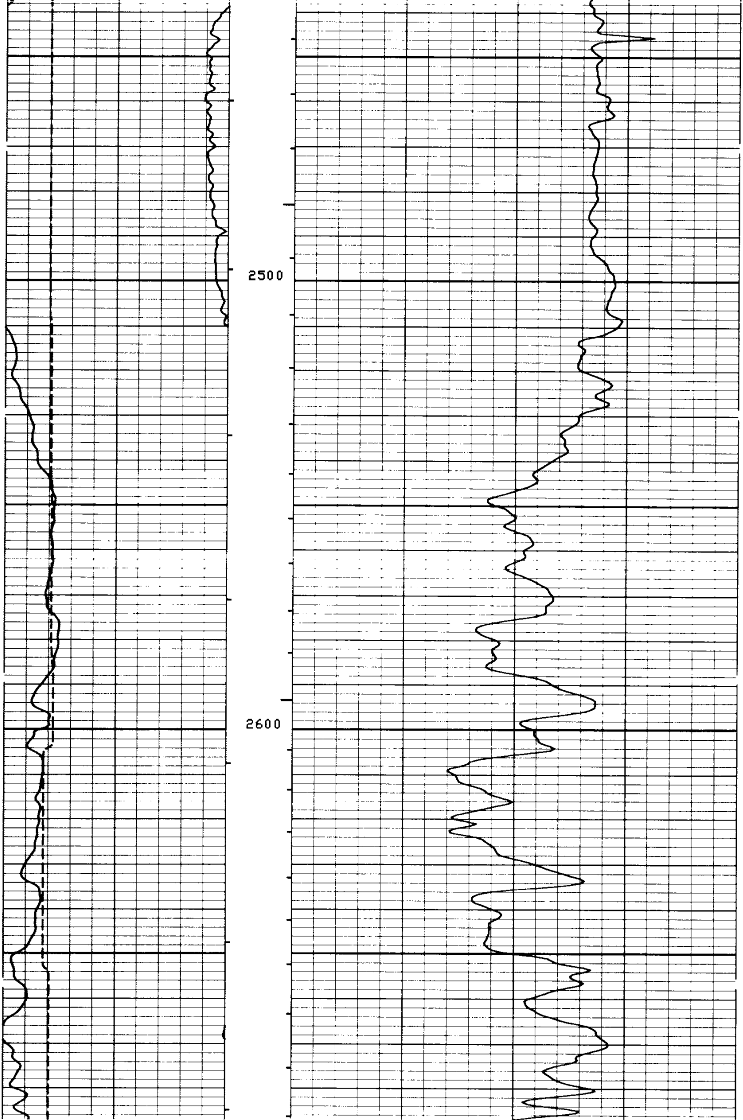


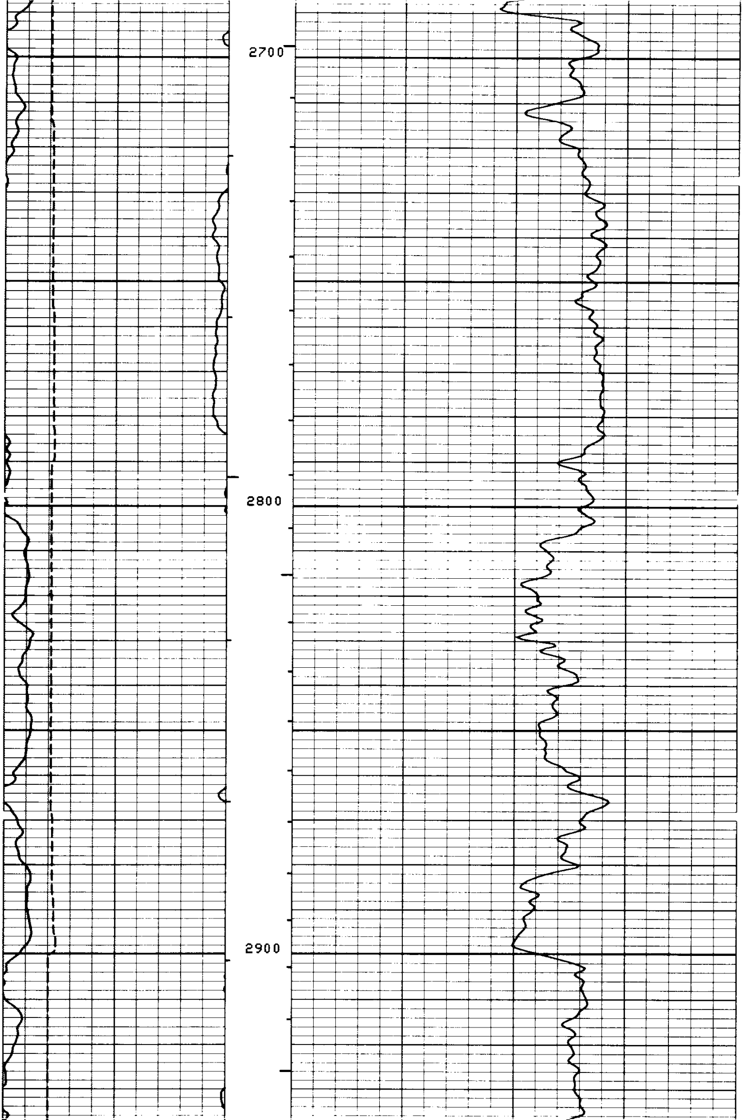


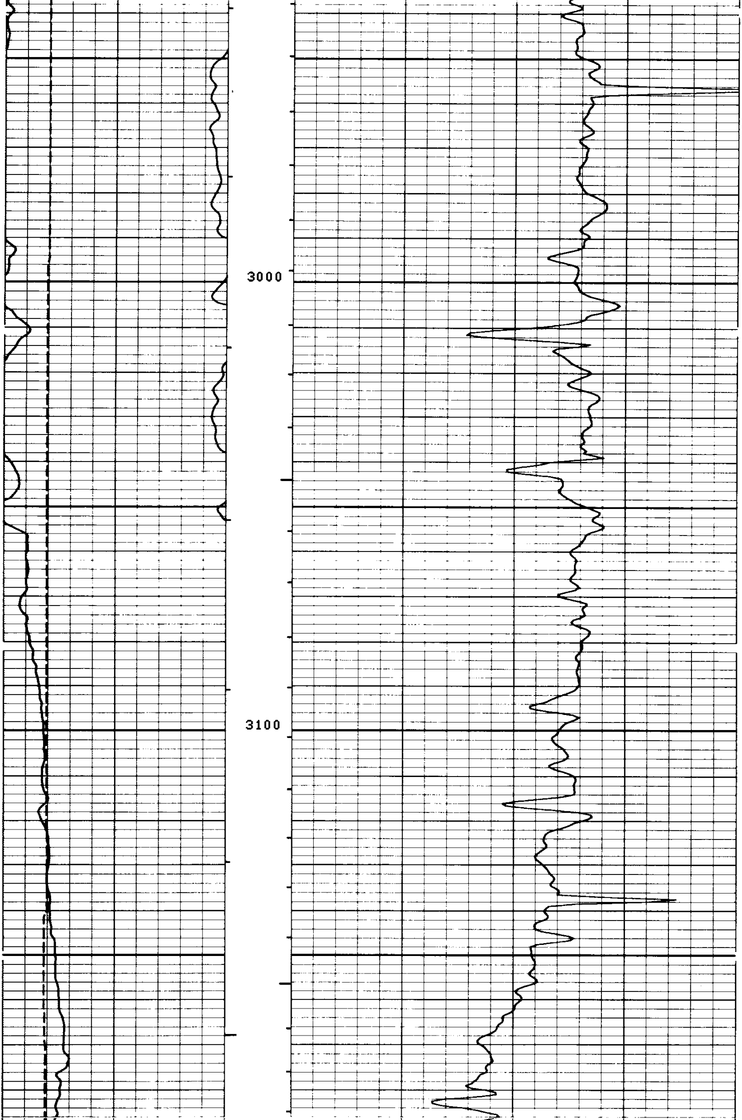


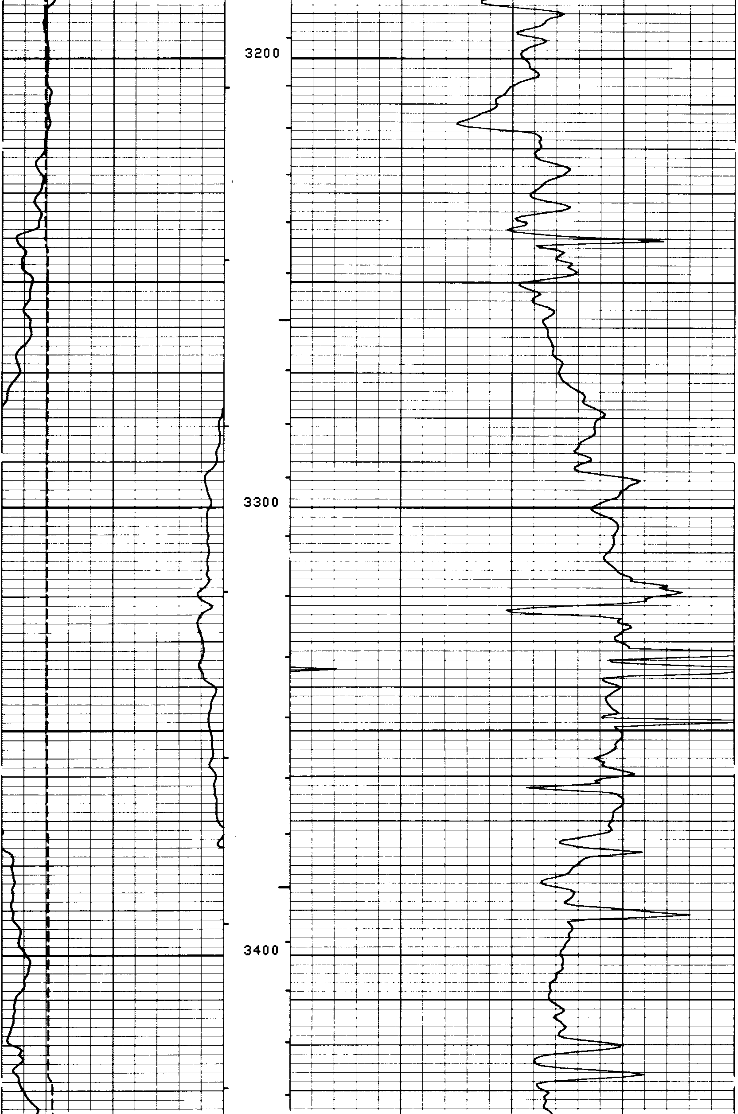


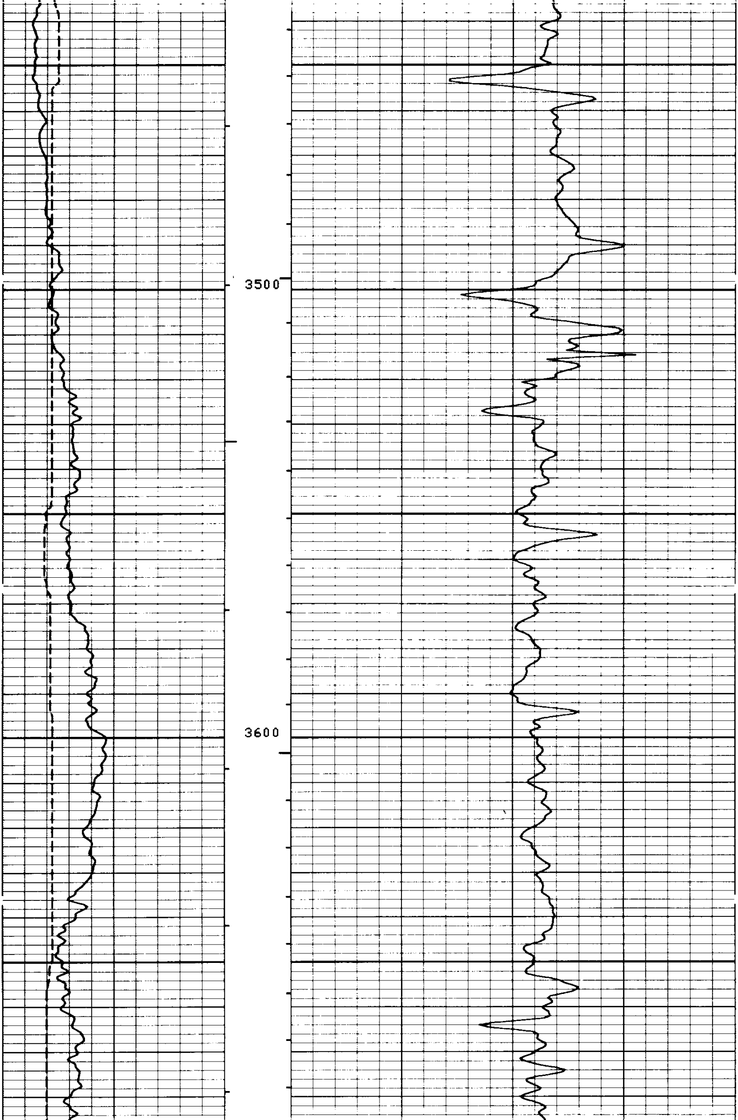


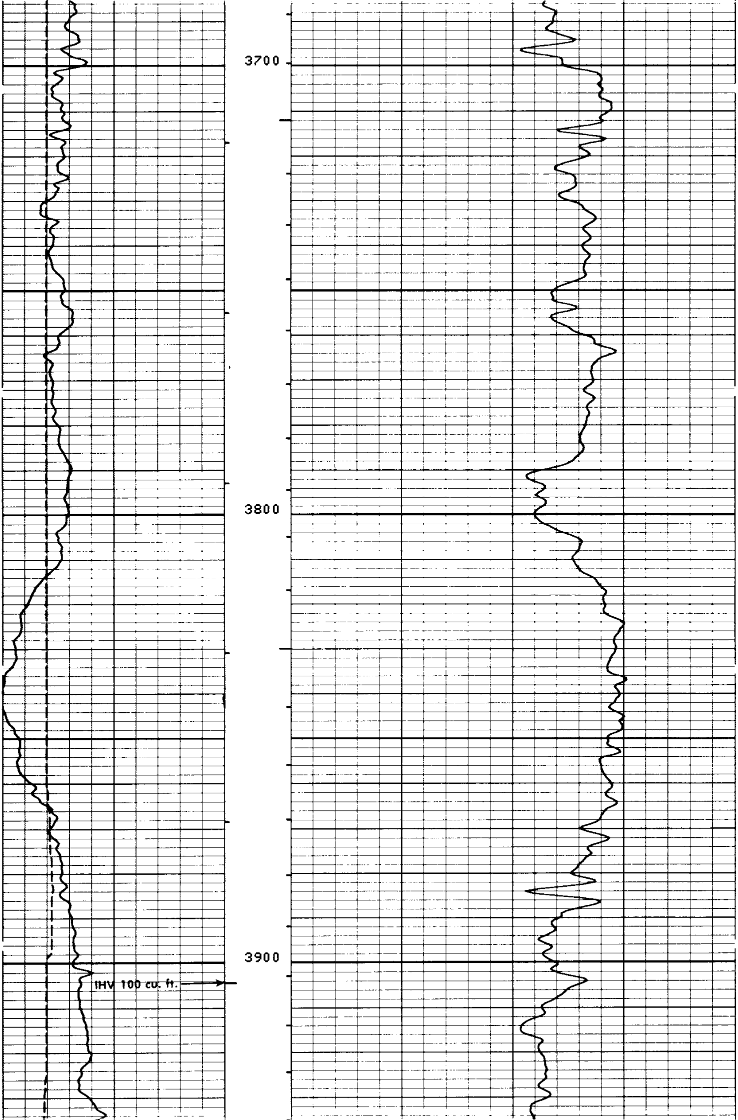


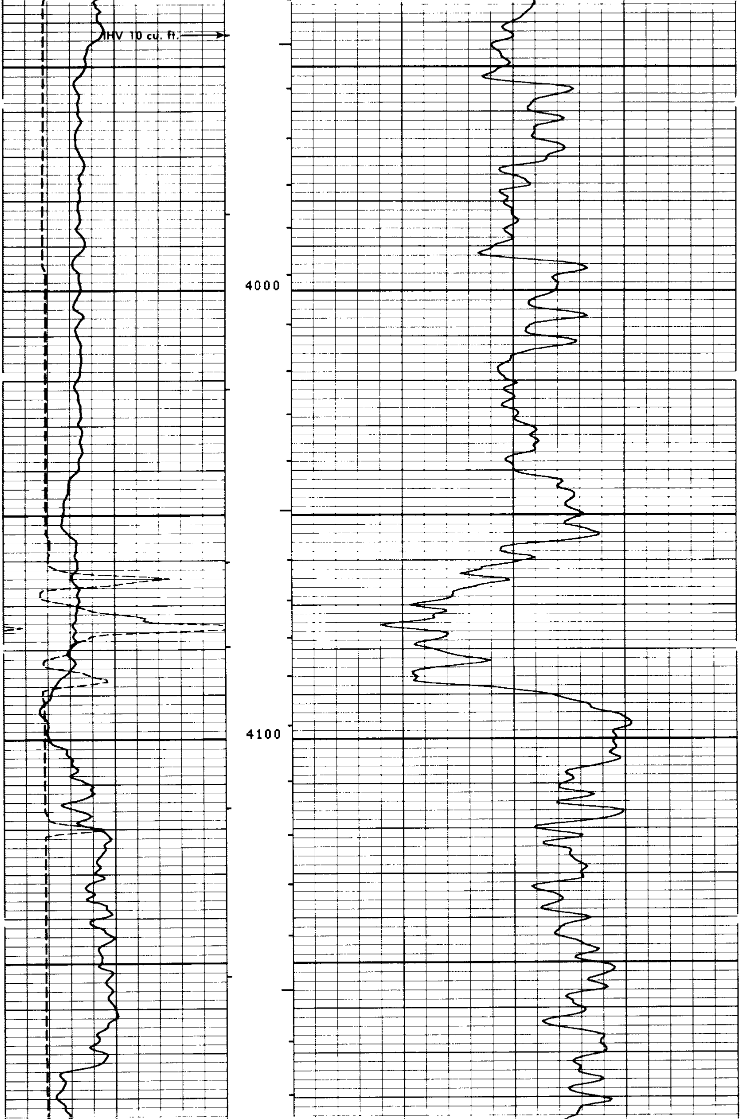


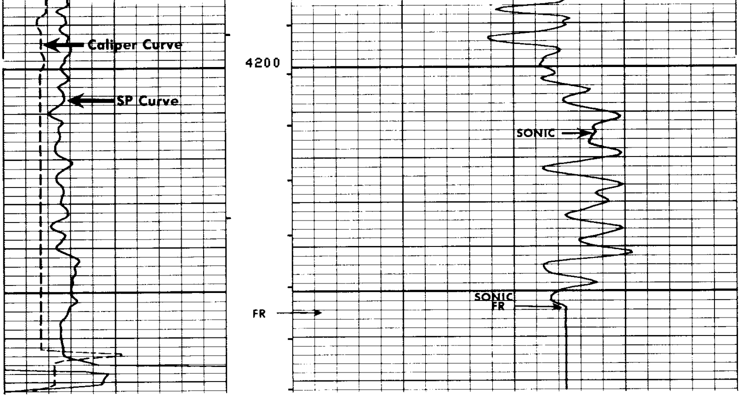












FILE

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CALI(IN)			DT (US/F)	
5.000	15.00			
SP (MV)				
-70.00	30.00		150.0	50.00

PARAMETERS

NAME	UNIT	VALUE	NAME	UNIT	VALUE	NAME	UNIT	VALUE
DTM	US/F	55.60	CDTS		145.0	BS	INCH	6.250
FPHI		SPHI	DTF	US/F	189.0			
DO		0.0	BHS		OPEN			

PARAMETERS

NAME	UNIT	VALUE	NAME	UNIT	VALUE	NAME	UNIT	VALUE
DTM	US/F	55.60	CDTS		145.0	BS	INCH	6.250
SBR	OHMM	1.000	DSEC	MM/M	4.600	DTF	US/F	189.0
FPHI		SPHI	MSEC	MM/M	10.00			
DO		0.0	BHS		OPEN			

CALI(IN)			DT (US/F)	
5.000	15.00			
SP (MV)				
-100.0	0.0		150.0	50.00

REPEAT SECTION

FILE

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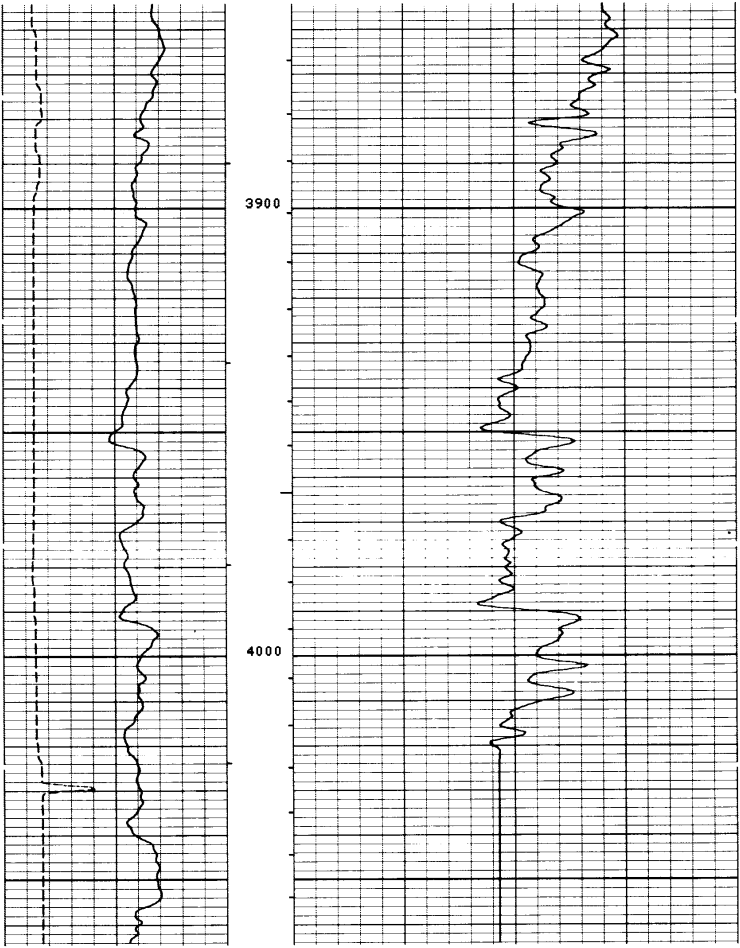

FILE

CALI(IN)			DT (US/F)	
5.000	15.00			
SP (MV)				
-100.0	0.0		150.0	50.00

PARAMETERS

NAME	UNIT	VALUE	NAME	UNIT	VALUE	NAME	UNIT	VALUE
DTM	US/F	55.60	CDTS		145.0	BS	INCH	6.250
SBR	OHMM	1.000	DSEC	MM/M	4.600	DTF	US/F	189.0
FPHI		SPHI	MSEC	MM/M	10.00			
DO		0.0	BHS		OPEN			

CALIBRATION RECORD

BEFORE SURVEY CALIBRATION SUMMARY

PERFORMED: 81/03/04
PROGRAM FILE: ISN (VERSION 18.2 80/ 4/29)

DITD ELECTRONICS CALIBRATION SUMMARY

	MEASURED		CALIBRATED		
	ZERO	PLUS	ZERO	PLUS	UNITS
ILD	3.3	489.6	0.0	499.8	MM/M
ILM	4.1	521.0	0.0	499.9	MM/M
SFL	-4.3	511.2	0.0	499.9	MM/M

ILM SONDE ERROR CORRECTION : 10.0 MM/M
ILD SONDE ERROR CORRECTION : 4.6 MM/M

MCDB CALIPER CALIBRATION SUMMARY

	MEASURED		CALIBRATED		
	SMALL	LARGE	SMALL	LARGE	UNITS
CALI	7.5	11.6	8.0	12.0	IN

FILE

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CALIBRATION RECORD

COMPANY	AMERICAN QUASAR PETROLEUM COMPANY	SCHL. FR	4254
		SCHL. TD	4266
WELL	M & P FARMS NO. 33-24	DRLR TD	4275
FIELD	CORVALIS	Elev: KB	231.0
		DF	-
COUNTY	LINN STATE OREGON	GL	220.5