GENERAL LOGS.

Gamma Ray, L.S. Density,
Caliper, Neutron-Neutron.

COMPANY Dension Coal
BOREHOLE BD#7719 Babcock.
STATE B.C. COUNTRY Canada.

Permanent Datum Top of Casing. Elev.
Log measured from Top of Casing, zero M above P.D.
Drilling measured from Top of Casing, zero M above P.D.

N RL

Depth Scale	1	200:1	
	17 September 1977		
ging	290		
	C		
	290		
BPB	17		
Driller	17		
Rec. Fluid	291.8		
Driller	292		
Nature	Bentonite.		
Viscosity			
1	4 5/8" to 17	to	to
2	3 3/4" to t.d.	to	to
3	to	to	to
Size 1	4"i.d. to 17	to	to
2	to	to	to
Meas Temp	@	@	@
Meas Temp	@	@	@
Meas Temp	@	@	@
BHT			
Operating Time	2 hours.		
Truck No	21/23		
Recorded By	C.Mothersele.		
Witness			

opy to
290

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REMARKS

Changes in Mud Type or Additional Samples

Date	Sample No			
Depth Driller				
Type Fluid in Hole				
Dens. Visc				
ph Fluid Loss		ml		
Source of Sample				
Rm @ Meas Temp	@ °F		@ °F	
Rmf @ Meas Temp	@ °F		@ °F	
Rmc @ Meas Temp	@ °F		@ °F	
Source: Rmf Rmc				
Rm @ BHT	@ °F		@ °F	
Rmf @ BHT	@ °F		@ °F	
Rmc @ BHT	@ °F		@ °F	

Scale Changes

Type Log	Depth	Scale Up Hole	Scale Down

Equipment Data

Run No.	Tool Type	Tool Position	Other
1	C.C.S.	side wall	
2	Gamma	eccentralised	
3	Neutron	eccentralised	

Depth	Dip	Direction
290	7	N10W
270	7.2	N8W
240	6	N7W
210	5.7	N9W
180	3	N4W
150	0.9	N16W
120	0	-
90	0.5	-
60	0.5	S75E
30	0.9	S33E

Logging Data

Log	Depths From	Depths To	Speed m/min	T.C. sec	Norm.	Sonde No	Source No.
Caliper	290	0	9	0.3	out	118	-
L.S.D.	290	0	9	0.3	.718	118	M-5863
Gamma	290	0	9	1	out	118	-
N-N	290	0	9	1	.730	9	N-1960

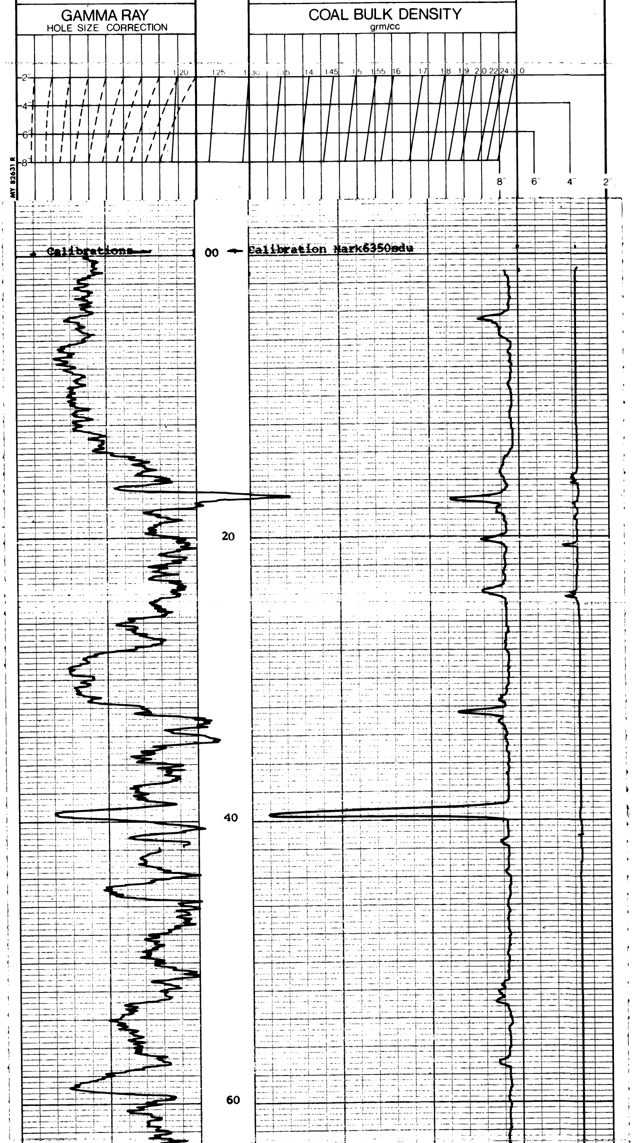
Gamma Ray	DEPTHS	Long Spacing Density	Caliper
0 api 150		6000 sdu	0 7" 2

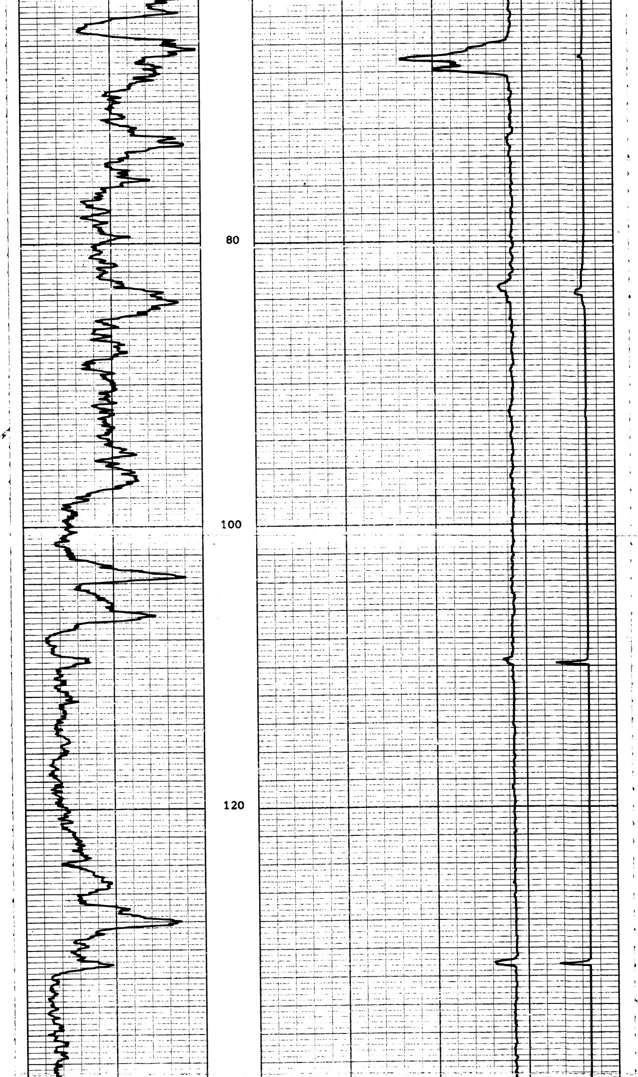
CALIBRATION DATA

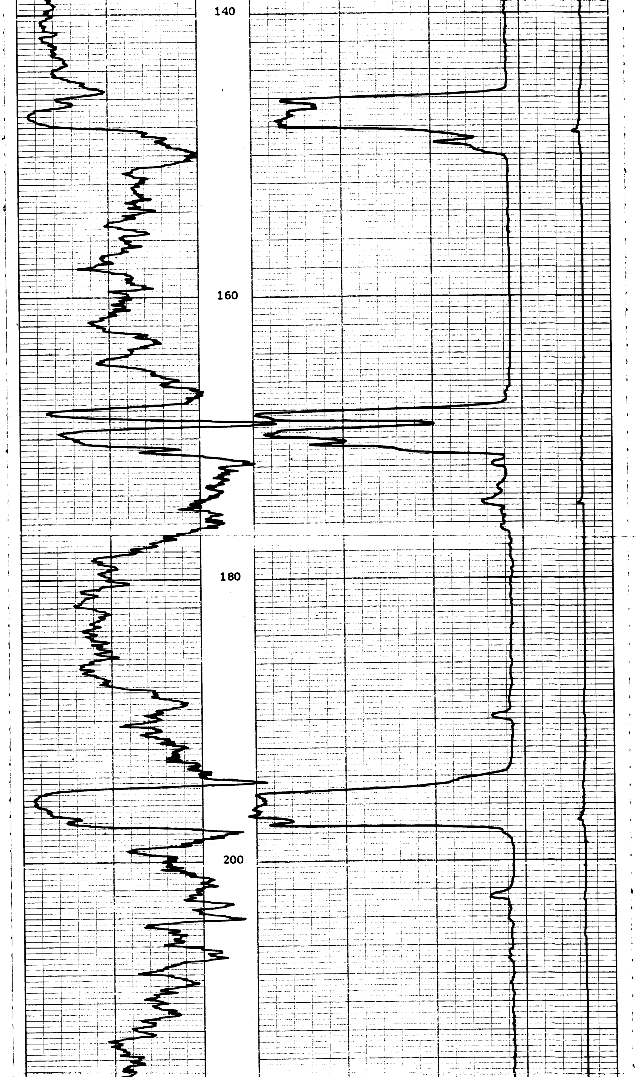
Jig No. 003 Value 300 @ Diam.
Jig mark shown at above value ÷ 3.3

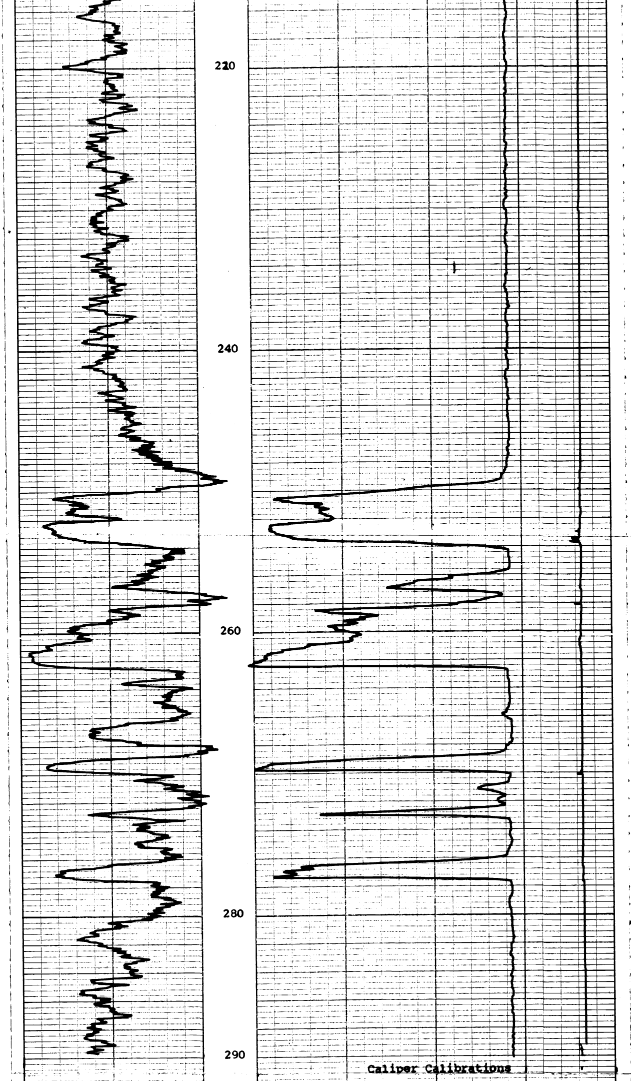
CALIBRATION DATA

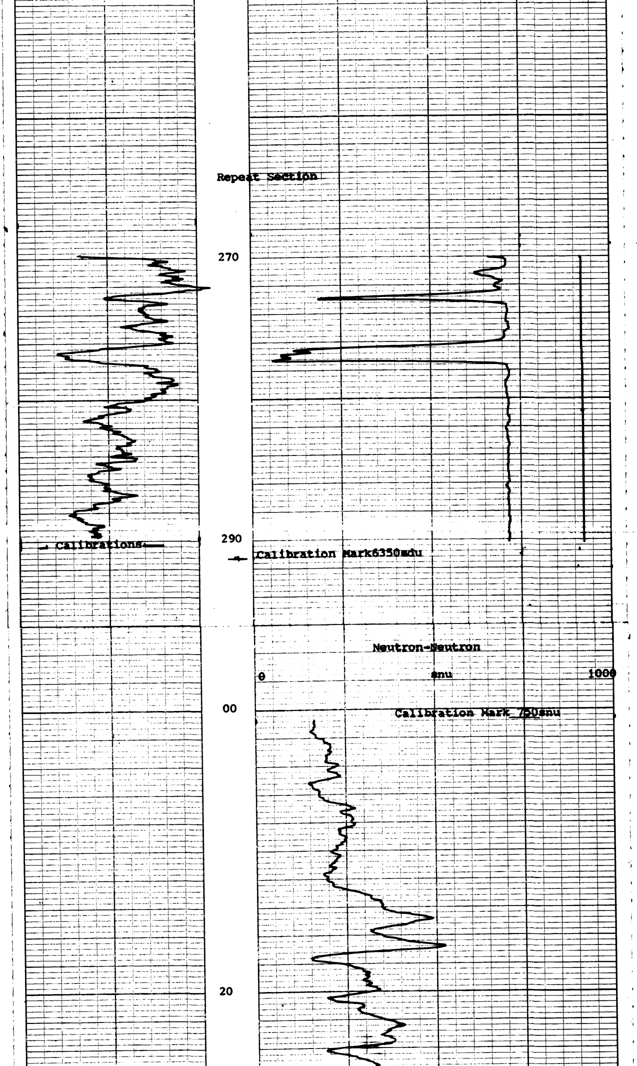
Jig Cal. date 9/9/77 Jig value 635 SDU @ 1.28 gr/cc
Jig No. 005 Span 6000 NORM $\frac{SDU}{CPS}$ = .718
6000 SDU o

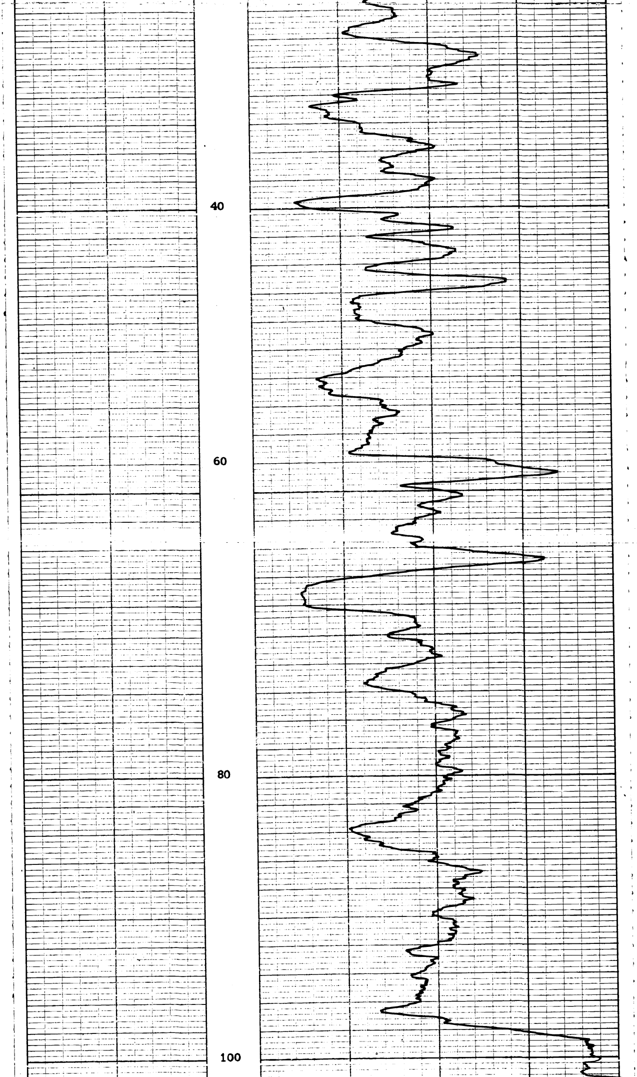


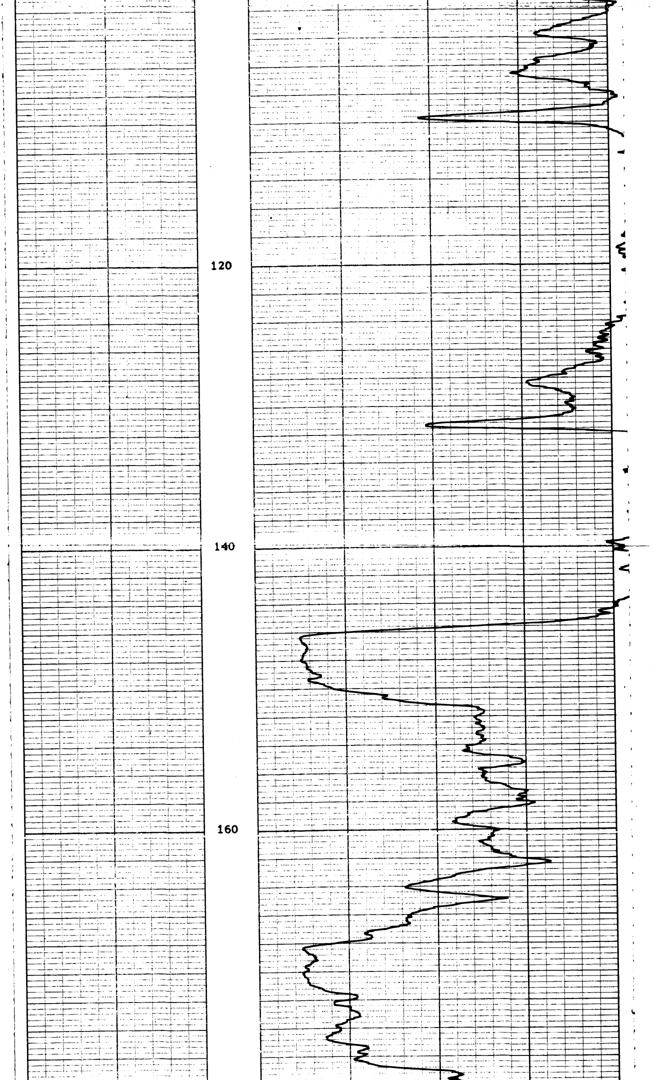


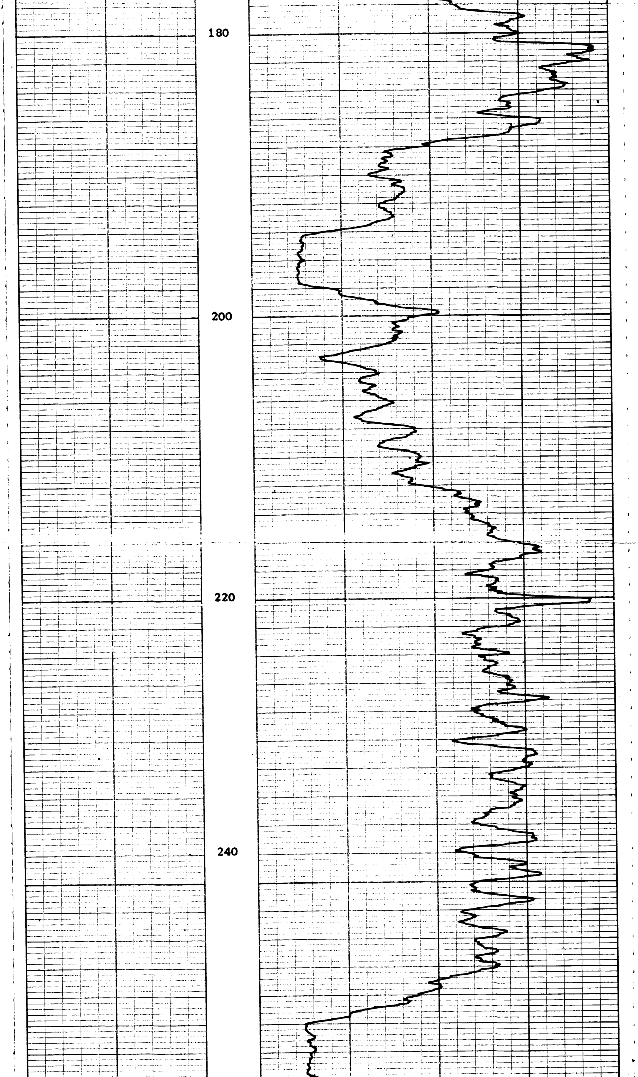


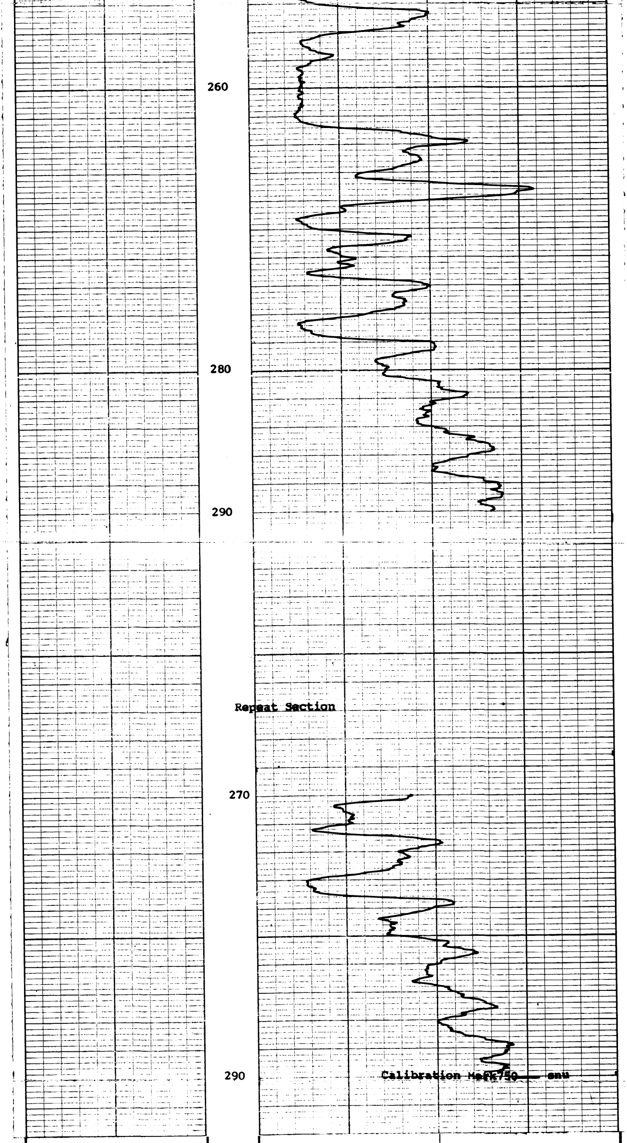












	DEPTHS	0 snu 1000
		Neutron-Neutron

COMPANY **Dension Coal.**

BOREHOLE **QBD#7752.**

STATE **B.C.**

COUNTRY **Canada**

MY (8) 58360 R

BPB

GENERAL LOGS.

Gamma Ray, L.S. Density,
Caliper, Neutron-Neutron.

COMPANY Dension Coal
BOREHOLE BD#7720 Babcock.
STATE B.C. COUNTRY Canada.

Permanent Datum Ground Level, Elev. ____ m.
Log measured from Top of Casing, zero m. above P.D.
Drilling measured from Top of Casing, zero m. above P.D.

R ____ N ____ RL ____

Run No. / Depth Scale	1 / 200:1		
Date	24 September 1977		
First Reading	286		
Last Reading	0		
Interval Logged	286		
Casing PB	10		
Casing Driller	10		
Depth Reached	288.5		
Bottom Driller	289		
Mud Type	Water		
Dens. Viscosity			
Bit Size	4 5/8" to 10	to	to
	3 3/4" to t.d.	to	to
	to	to	to
Casing Size	4" i.d. to 10	to	to
	to	to	to
Rm @ Meas Temp	@	@	@
Rmf @ Meas Temp	@	@	@
Rmc @ Meas Temp	@	@	@
BHT			
Operating Time	2 hours.		
Truck No	21/23		
Recorded By	C.Mothersele.		
Witness			

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REMARKS ____

Changes in Mud Type or Additional Samples

Date / Sample No		
Depth - Driller		
Dens / Visc		
ph / Fluid Loss	ml	
Source of Sample		
Rm @ Meas Temp	@ °F	@ °F
Rmf @ Meas Temp	@ °F	@ °F
Rmc @ Meas Temp	@ °F	@ °F
Source Rmf / Rmc		
Rm @ BHT	@ °F	@ °F
Rmf @ BHT	@ °F	@ °F
Rmc @ BHT	@ °F	@ °F

Scale Changes

Type Log	Depth	Scale Up Hole	Scale Down

Equipment Data

Run No.	Tool Type	Tool Position	Other
1	C.C.S.	sidewall	
2	Gamma	eccentralised	
3	N-N	eccentralised	

Depth	Angle	Direction
280	2	N01E
240	2	N01E
210	1.7	N05W
180	1.7	N05E
120	1.9	N05E
90	1.5	N10E
60	1.5	N18E
30	1.5	N28E

Logging Data

Log	Depths From	Depths To	Speed m/min	T C sec	Norm	Sonde No	Source No
Caliper	286	0	9	0.3	out	118	-
L.S.D.	286	0	9	0.3	.725	118	M-5863
Gamma	286	0	9	1	out	118	-
N-N	286	0	9	1	.721	118	N-1960

Gamma Ray	DEPTHS	Long Spacing Density	Caliper
0 api 150		6000 sdu	0 7" 2"

CALIBRATION DATA

CALIBRATION DATA

Jig No. 003 Value 300 @ Diam.

Jig mark shown at above value ÷ 3.33

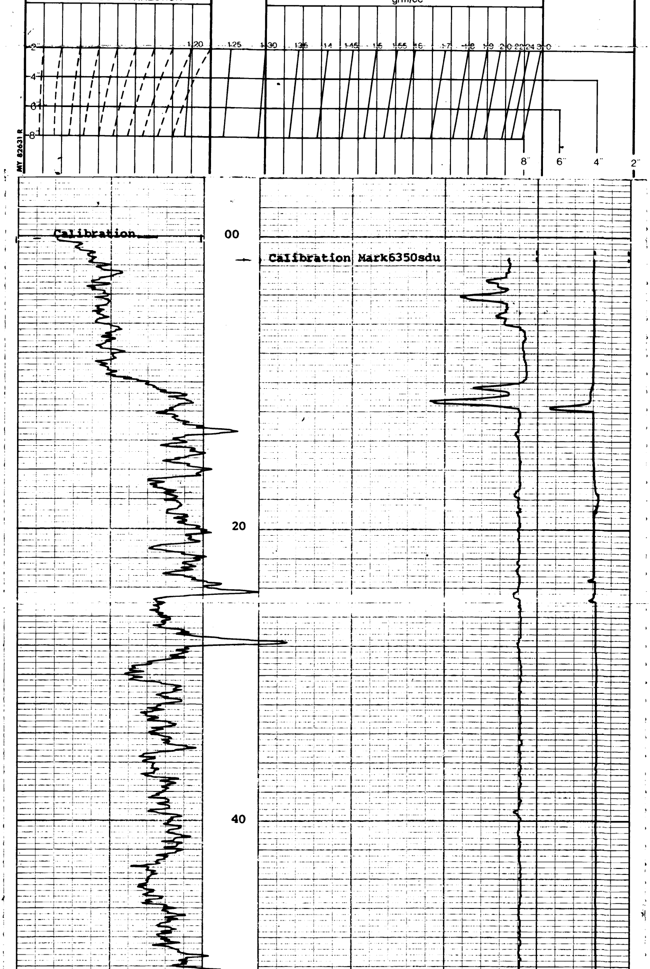
Jig Cal. date 9/9/77 Jig value 635 SDU @ 1.28 gr/cc

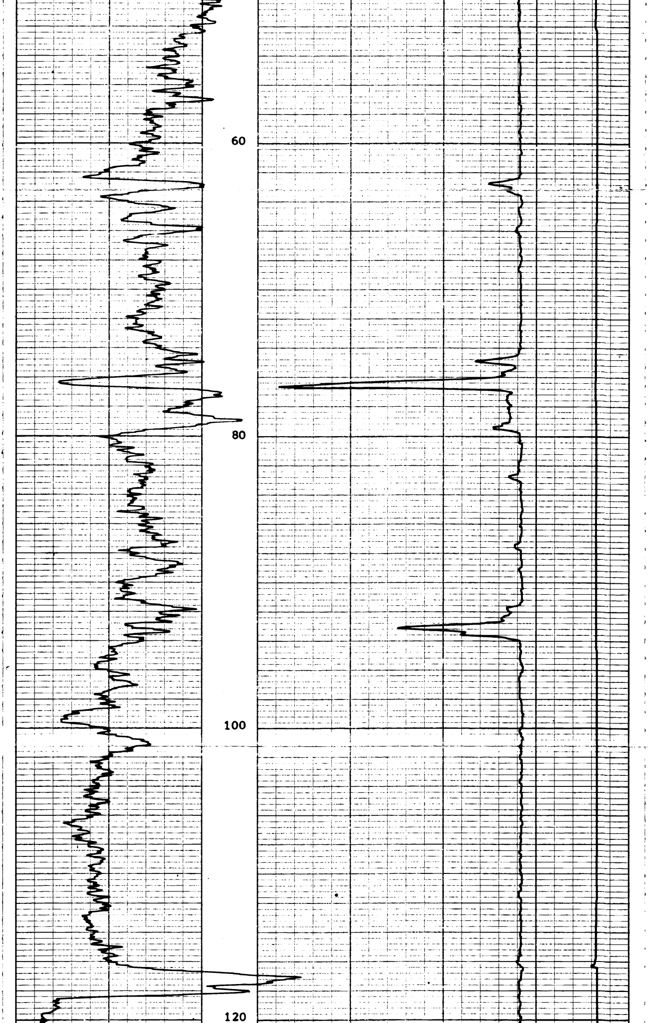
Jig No. 005 Span 6000 NORM $\frac{SDU}{CPS}$ = .725

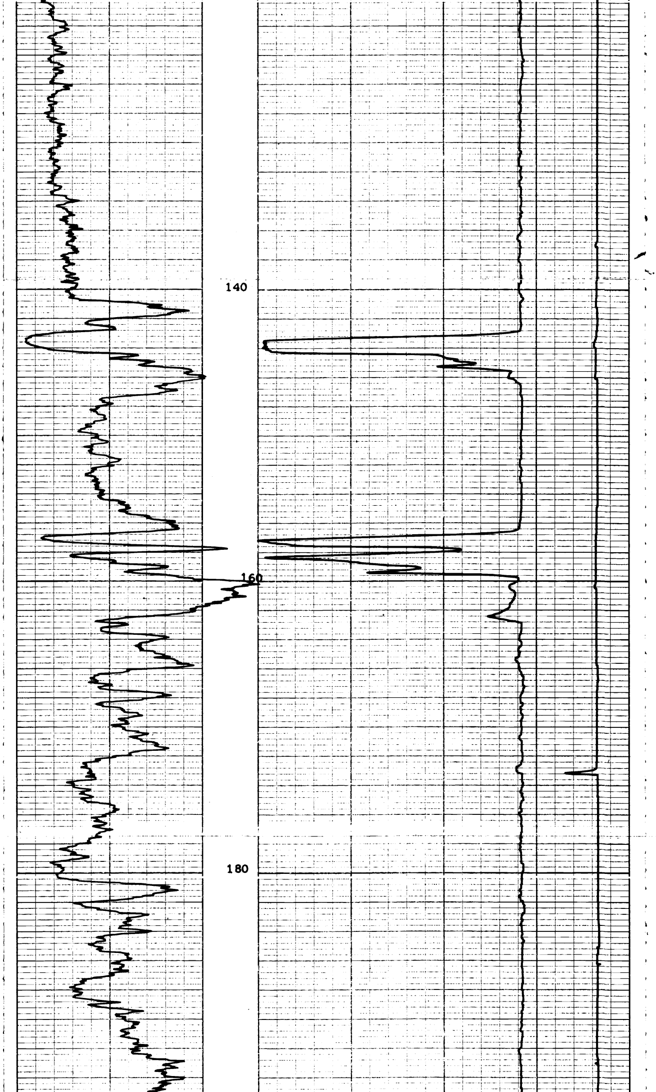
6000 SDU o

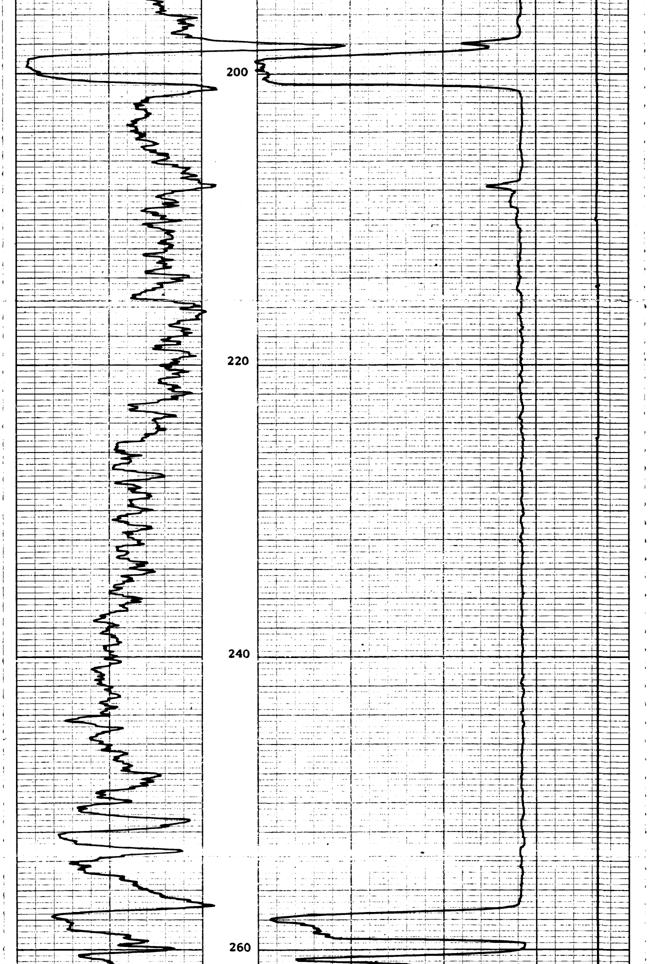
GAMMA RAY
HOLE SIZE CORRECTION

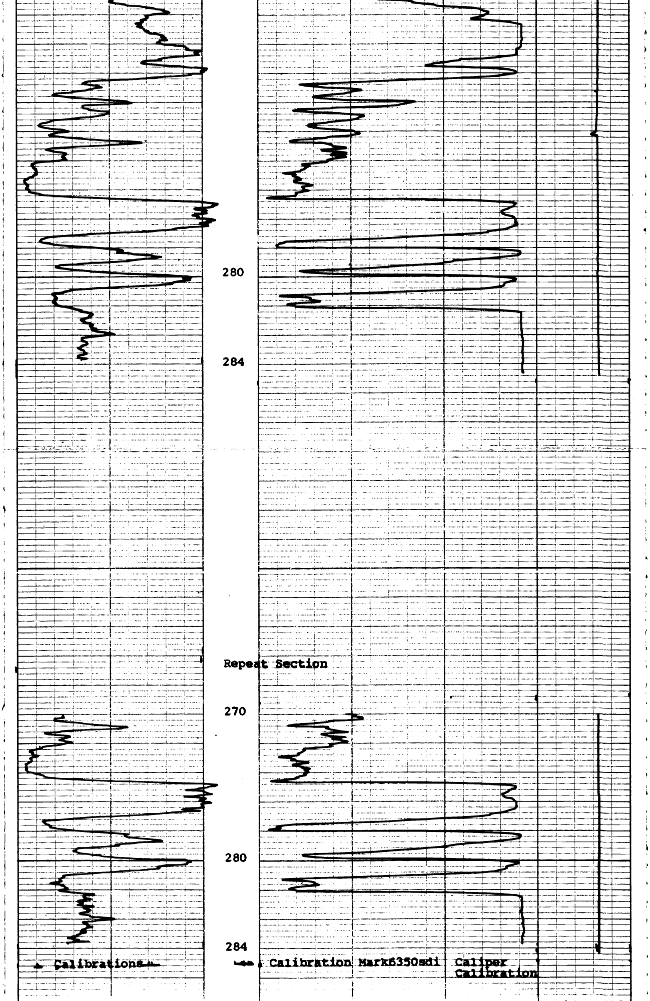
COAL BULK DENSITY
grm/cc

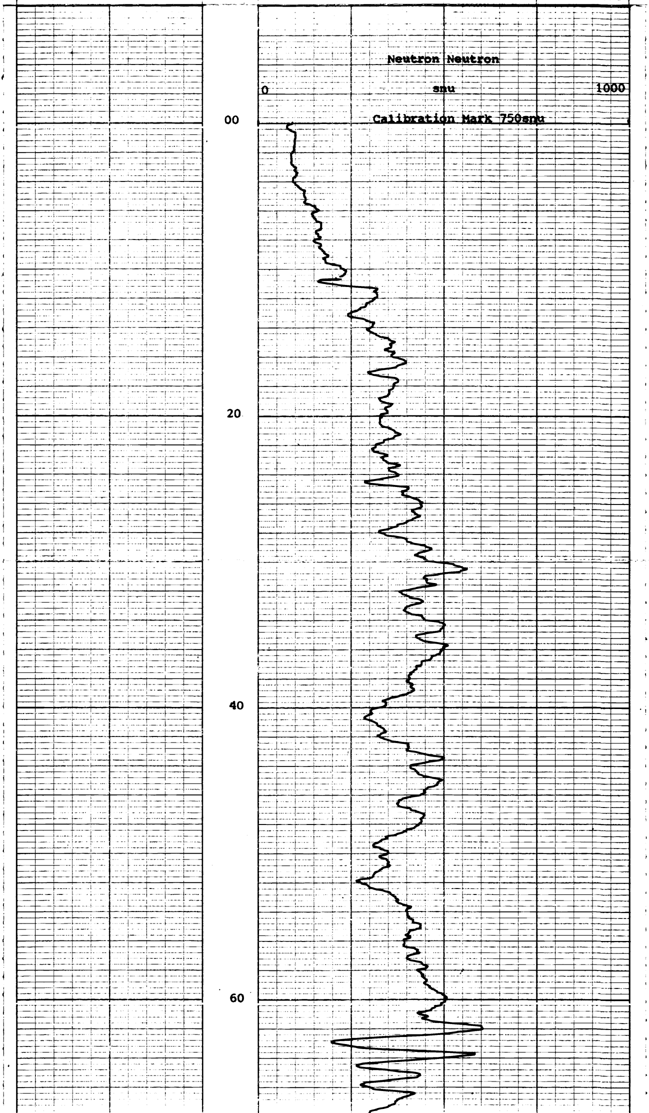


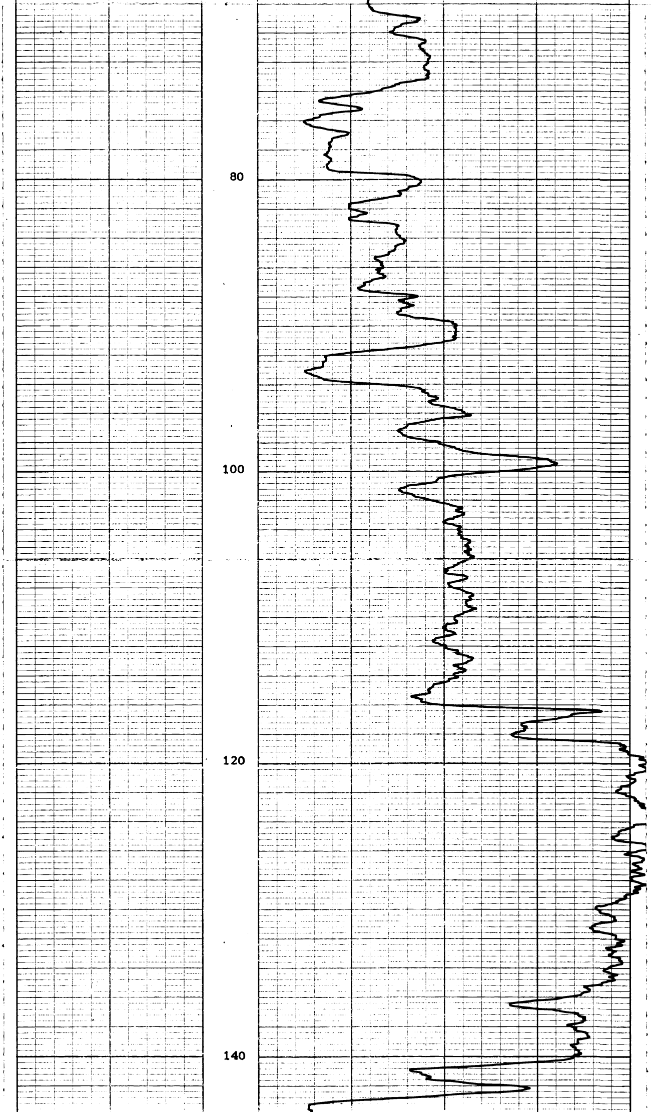


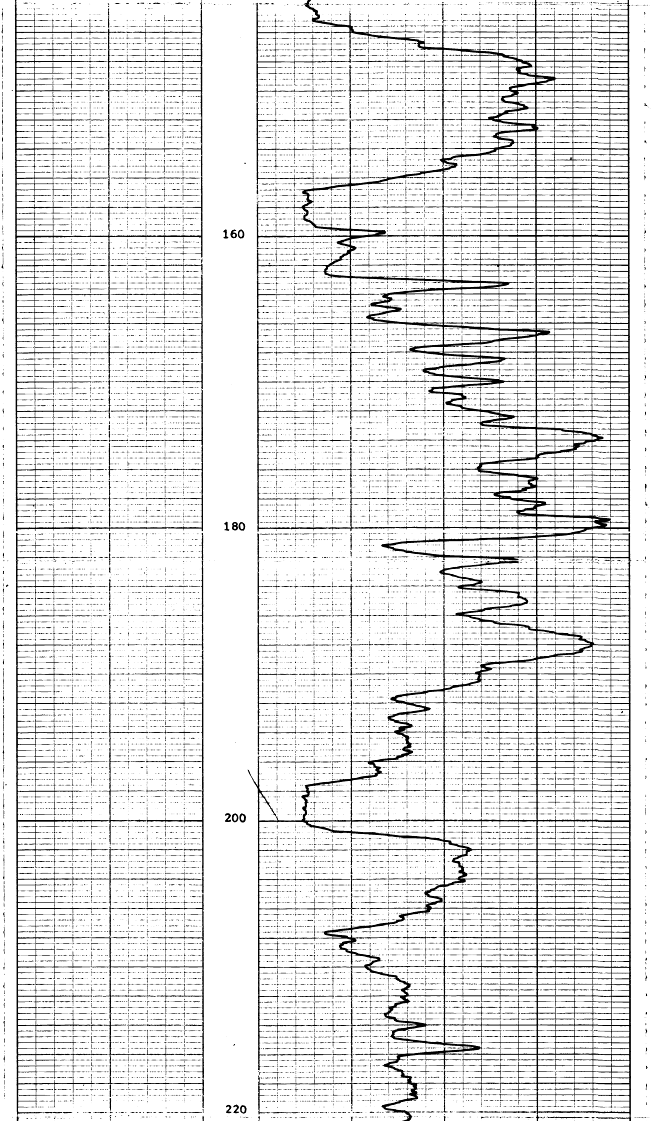


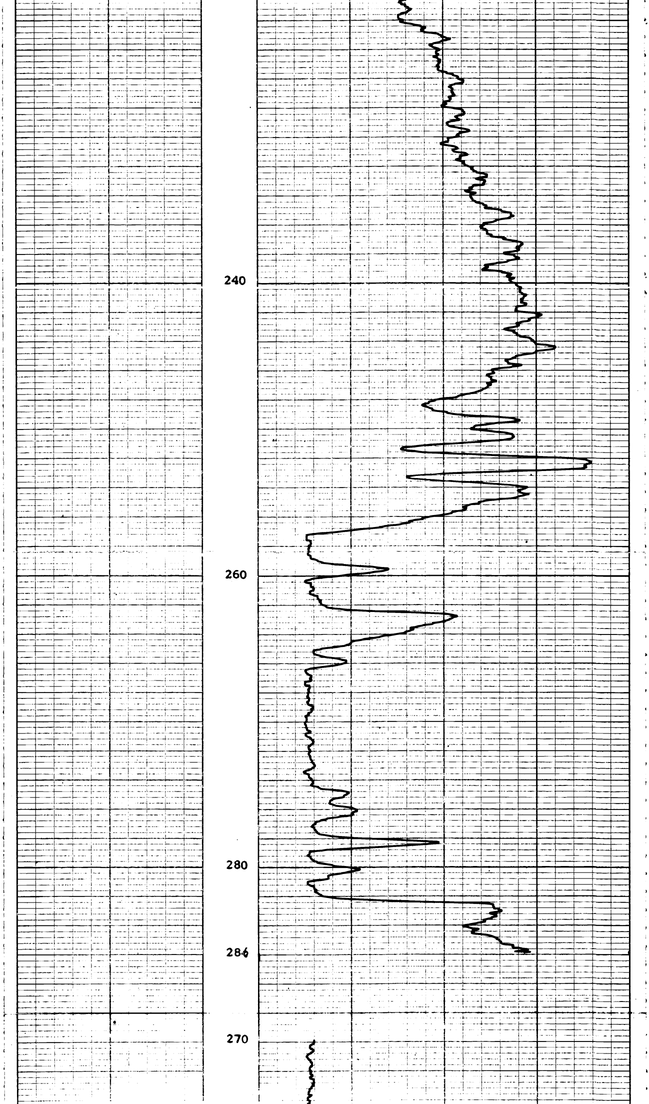


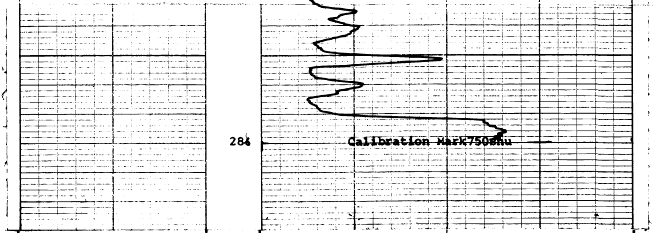












	DEPTHS	
		0 1000

COMPANY **Dension Coal**

BOREHOLE **QBD#7720.**

STATE **B.C.**

COUNTRY **Canada.**

MY (8) 58360 R

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TO
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GENERAL LOGS.

Gamma Ray, L.S. Density,
Neutron Neutron.

COMPANY Dension Coal.
BOREHOLE QBD#7721 Babcock.
STATE B.C. COUNTRY Canada.

Permanent Datum Ground Level, Elev. m.
Log measured from Rig Floor,(0.5m above) m. above P.D.
Drilling measured from Rig Floor,(0.5m above) m. above P.D.

GRID REF E N R.L.

Run No.	Depth Scale	1	200:1	
Date		3 October 1977		
First Reading		339		
Last Reading		0		
Interval Measured		339		
Casing BPB		24		
Casing Driller		24		
Depth Reached		339.5		
Bottom Driller		342.9		
Mud Nature		Bentonite		
S.G.	Viscosity			
Bit Size 1		5" to 24	to	to
2		3 3/4" to t.d.	to	to
3		to	to	to
Casing Size 1		4"i.d. to 24	to	to
2		Hrods. to t.d.	to	to
Rm @ Meas Temp.		@	@	@
Rmf @ Meas Temp.		@	@	@
Rmc @ Meas Temp.		@	@	@
BHT				
Operating Time		3 hours.		
Truck No.		21/23		
Recorded By		C.Mothersele,		
Witness				

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REMARKS

Changes in Mud Type or Additional Samples				
Date	Sample No.			
Depth – Driller				
Type Fluid in Hole				
Dens.	Visc.			
ph.	Fluid Loss		ml	
Source of Sample				
Rm @ Meas.Temp.		@ °F	@ °F	
Rmf @ Meas.Temp.		@ °F	@ °F	
Rmc @ Meas.Temp.		@ °F	@ °F	
Source: Rmf	Rmc			
Rm @ BHT		@ °F	@ °F	
Rmf @ BHT		@ °F	@ °F	
Rmc @ BHT		@ °F	@ °F	

Scale Changes

Type Log	Depth	Scale Up Hole	Scale Down

Equipment Data

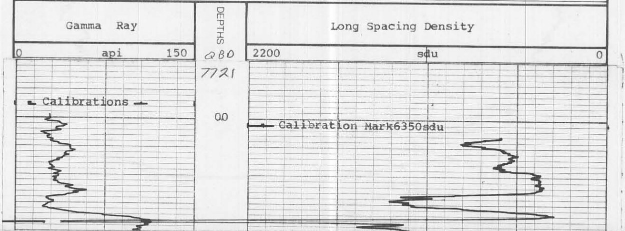
Run No.	Tool Type	Tool Position	Other
1	C.C.S.	sidewall	
2	Gamma.	eccentralised	
3	N-N	eccentralised	

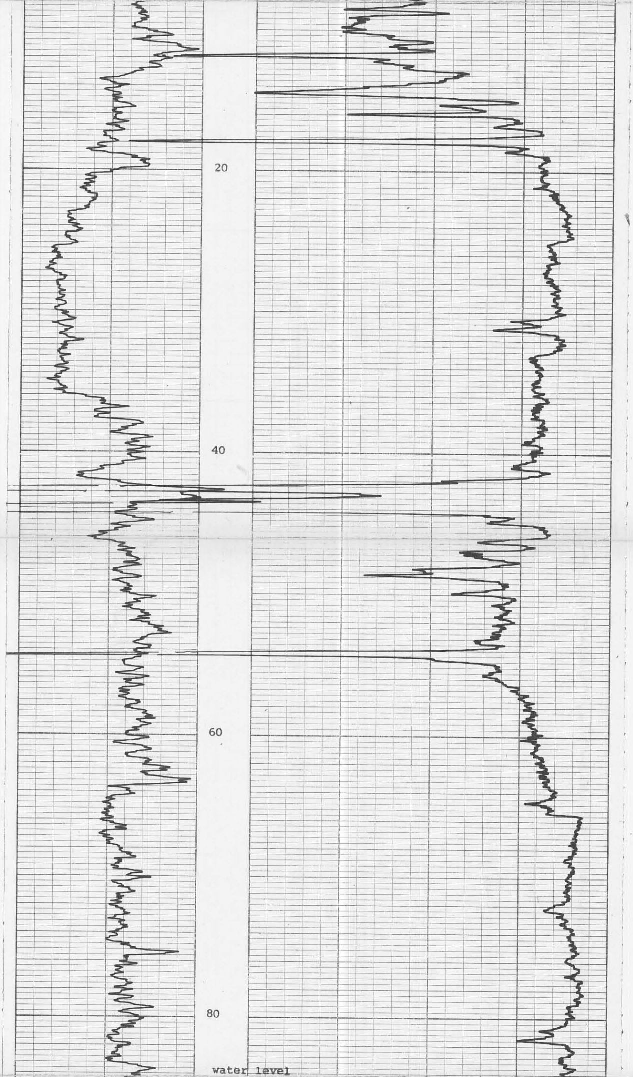
Logging Data

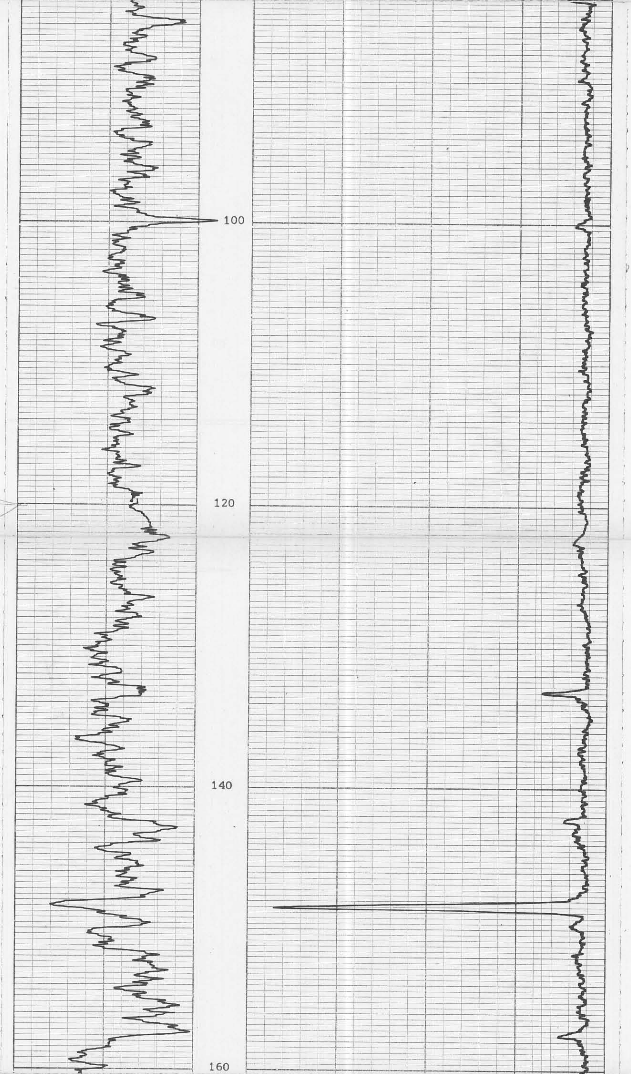
Log	Depths From	Depths To	Speed m/min	T.C. sec	Norm.	Sonde No.	Source No.
Gamma	338	0	9	1	out	118	-
L.S.D.	339	0	9	0.3	.742	118	M-5863
N-N	339	0	9	1	.712	9	N-1960

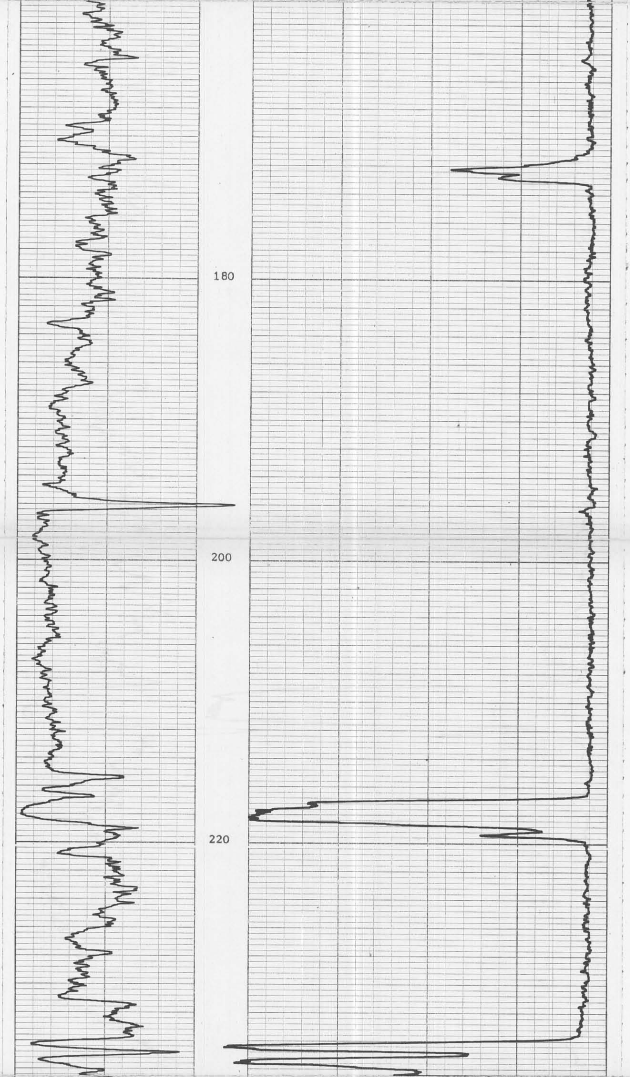
Depth	Angle
340	4
330	4.5
300	4.1
270	4.6
240	4.1
210	4.7
180	4.5
150	4.9
120	5.1
90	5.2
60	5.7
30	5.9

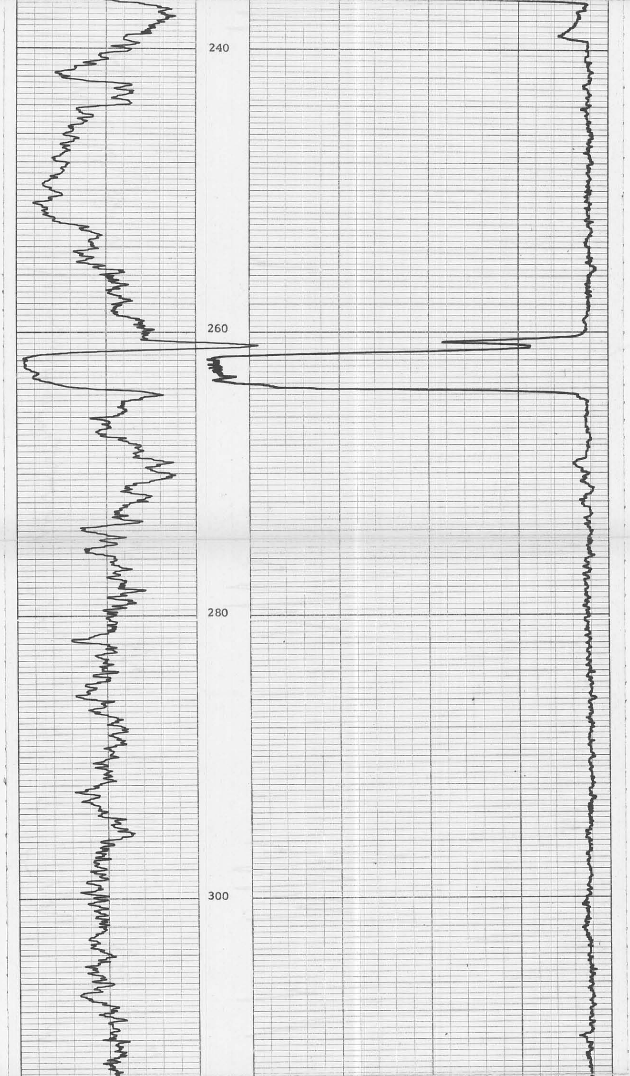
Note: Hole logged through rods.

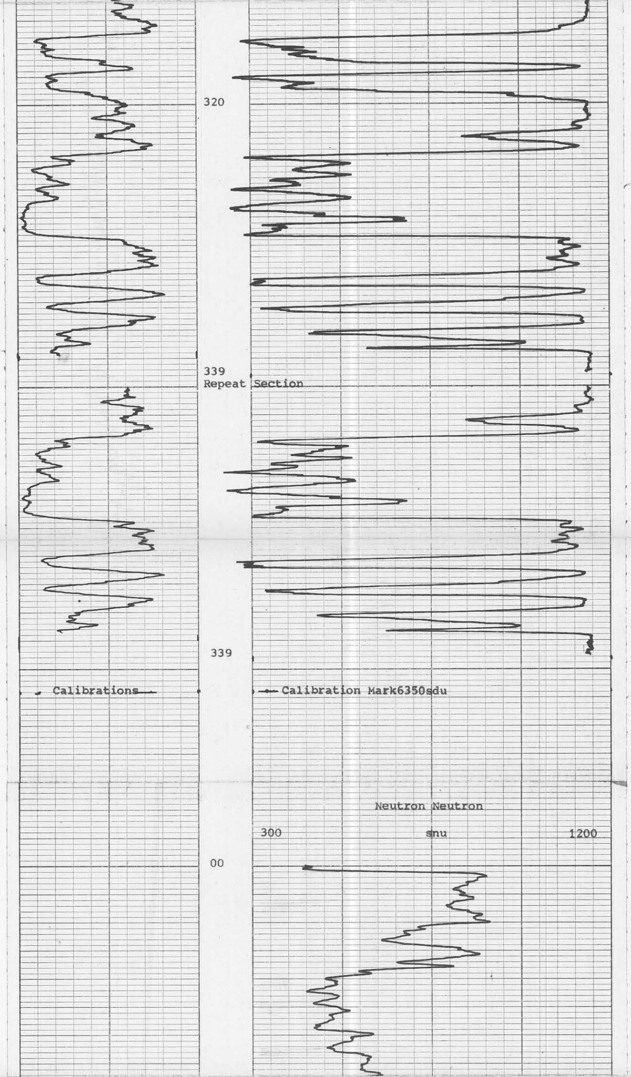


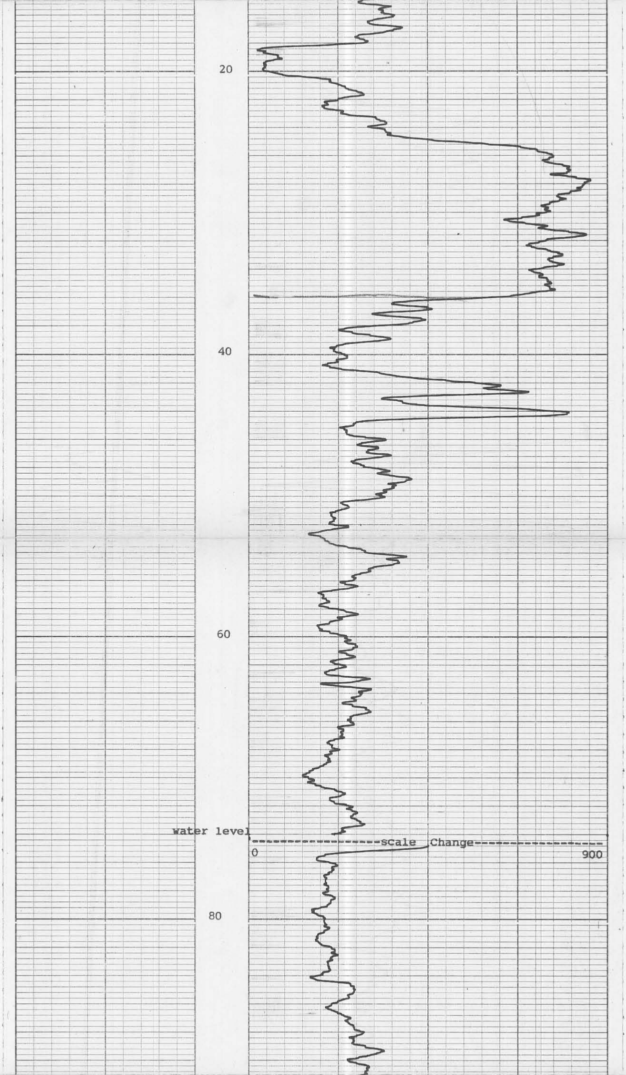


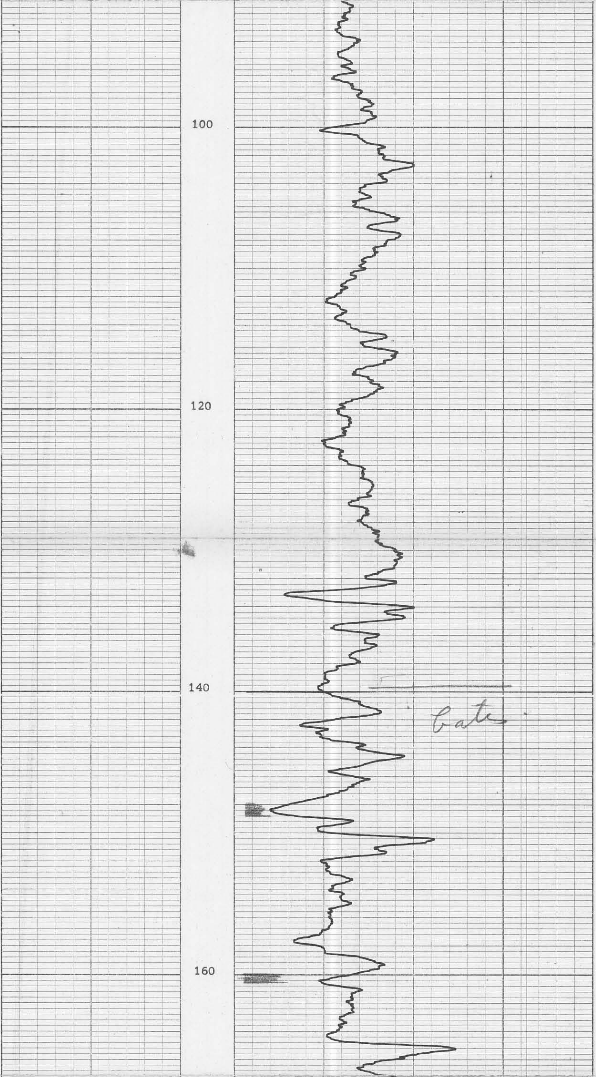


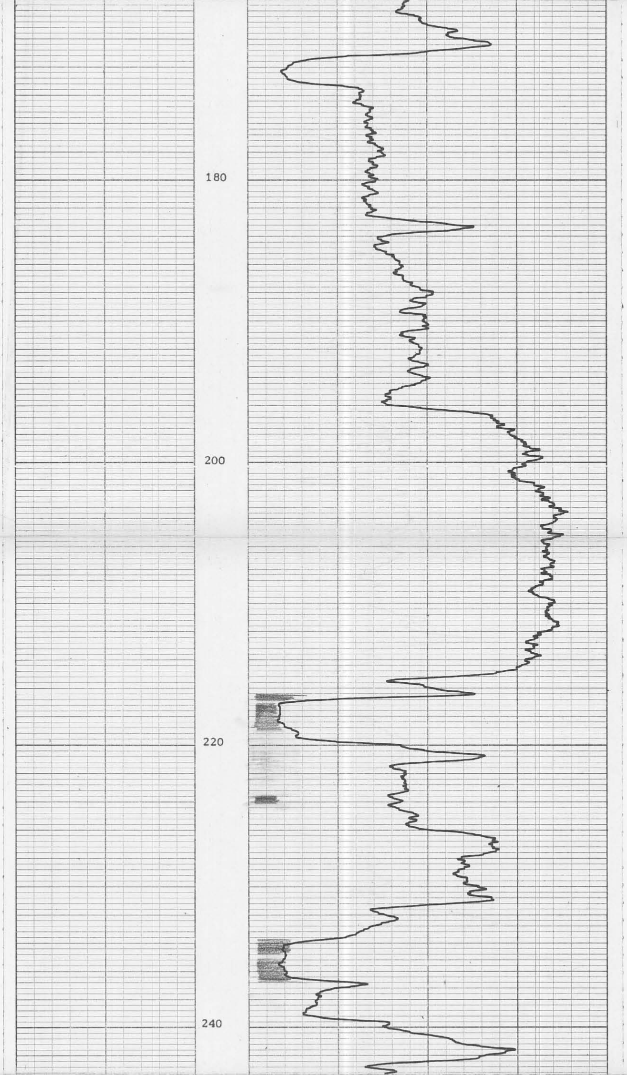


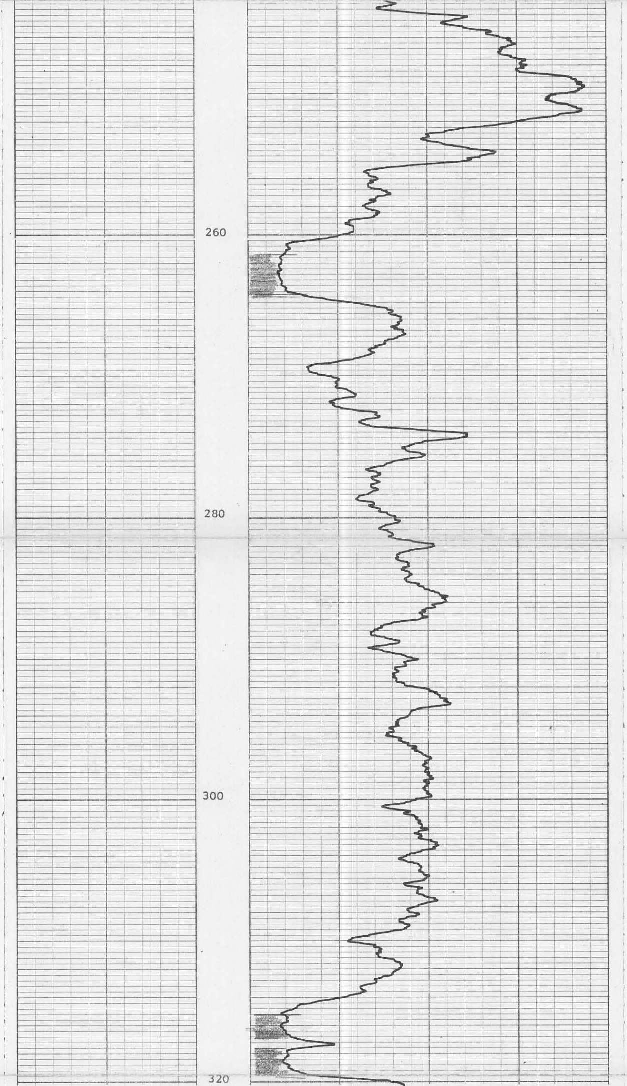


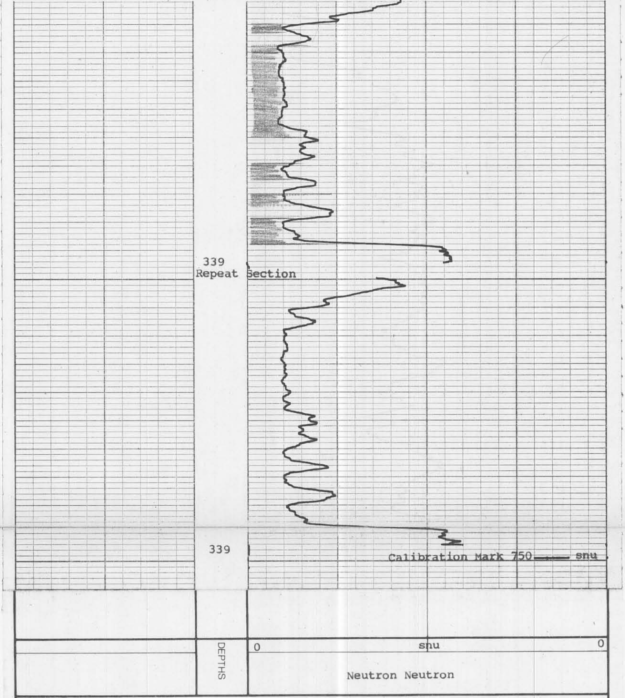












COMPANY Dension Coal
BOREHOLE QBD#7721
STATE B.C.
COUNTRY Canada.

MY (8) 58360 R

BPB

GENERAL LOGS.

Gamma Ray, L.S. Density,
Caliper, Neutron Neutron.

COMPANY Dension Coal.
BOREHOLE QBD#7722 Babcock.
STATE B.C. COUNTRY Canada.

Permanent Datum Top of Casing, Elev. ____ m.
Log measured from Top of Casing, zero m. above P.D.
Drilling measured from Top of Casing, zero m. above P.D.

GROUND E ____ N ____ RL ____

Run No. / Depth Scale	1	200:1		
Date	11 October 1977			
First Reading	204			
Last Reading	0			
Depth Measured	204			
Casing BPB	41			
Casing Driller	41			
Depth Reached	204.4			
Bottom Driller	206			
Mud Nature	Bentonite.			
Sal. / Viscosity				
Bit Size 1	5" to 41	to	to	
2	3 3/4" to t.d.	to	to	
3	to	to	to	
Casing Size 1	4"i.d. to 41	to	to	
2	to	to	to	
Rm @ Meas Temp	@	@	@	
Rmf @ Meas Temp	@	@	@	
Rmc @ Meas Temp	@	@	@	
BHT				
Operating Time	2 hours.			
Truck No.	21/23			
Recorded By	C.Mothersele.			
Witness				

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REMARKS

Changes in Mud Type or Additional Samples

Date / Sample No			
Depth Drlr			
Type Fluid in Hole			
Dens / Visc			
ph / Fluid Loss		ml	
Source of Sample			
Rm @ Meas Temp	@ °F	@ °F	
Rmf @ Meas Temp	@ °F	@ °F	
Rmc @ Meas Temp	@ °F	@ °F	
Source Rmf / Rmc			
Rm @ BHT	@ °F	@ °F	
Rmf @ BHT	@ °F	@ °F	
Rmc @ BHT	@ °F	@ °F	

Scale Changes

Type Log	Depth	Scale Up Hole	Scale Down

Equipment Data

Run No.	Tool Type	Tool Position	Other
1	C.C.S.	Sidawall	
2	Gamma	Eccentralised	
3	N-N	Eccentralised	

Depth	Angle	Direction
204	1.8	S75W
180	1.4	S53W
150	1	S60W
120	1.1	S18W
90	0.9	S20E
60	0.6	S5 E
30	3	Casing

Logging Data

Log	Depths From	Depths To	Speed m/min	T.C. sec	Norm.	Sonde No	Source No
Gamma	204	0	9	1	out	118	-
L.S.D.	204	0	9	0.3	.728	118	M-5863
Caliper	204	0	9	0.3	out	118	-
N-N	204	0	9	1	.714	9	N-1960

Gamma Ray	DEPTHS	Long Spacing Density	Caliper
0 api 150		6000 sdu	0 7" 2

CALIBRATION DATA

Jig No. 003 Value 300 @ Diam.

Jig mark shown at above value ÷ 3.38

GAMMA RAY

HOLE SIZE CORRECTION

CALIBRATION DATA

Jig Cal. date 9/9/77 Jig value 635 SDU @ 1.28 gm/cc

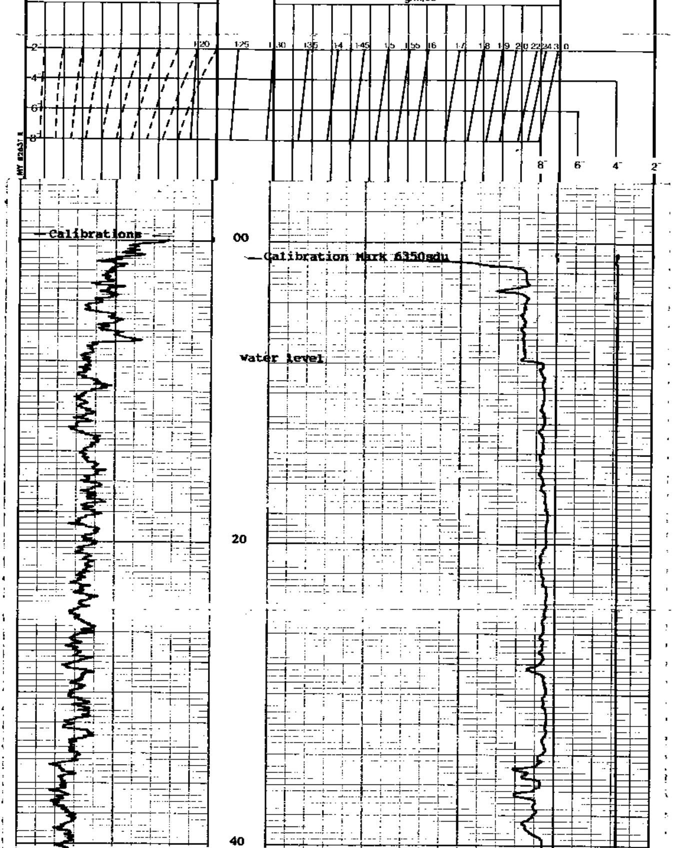
Jig No. 005 Span 6000 NORM $\frac{SDU}{CPS}$ = .728

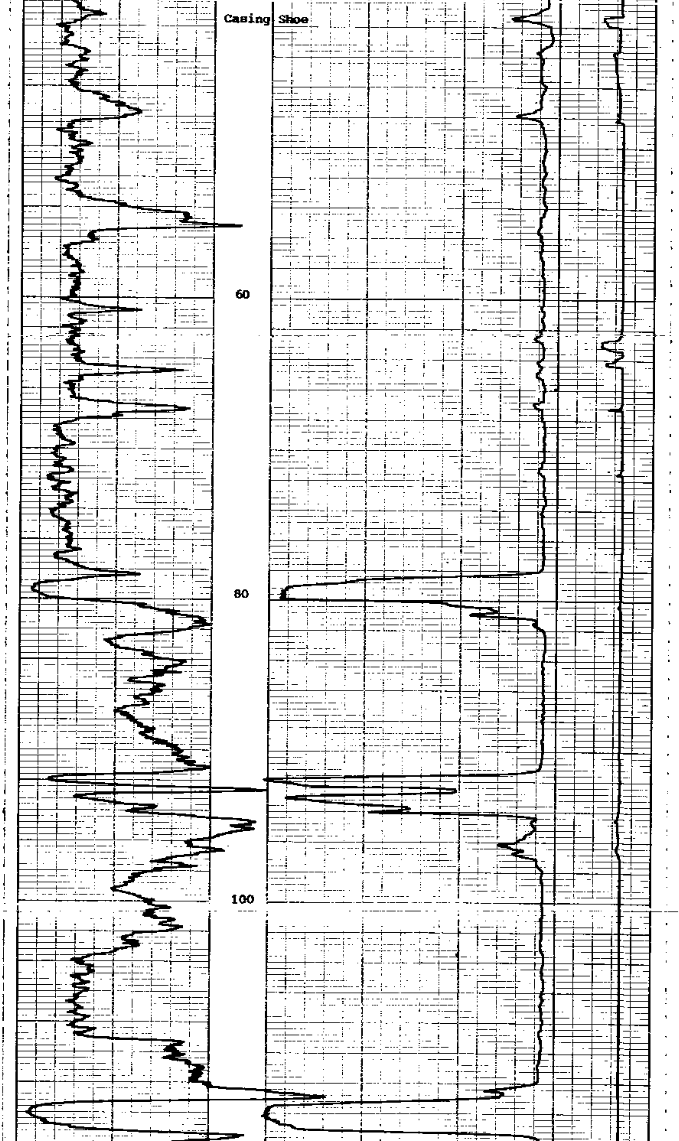
6000 SDU

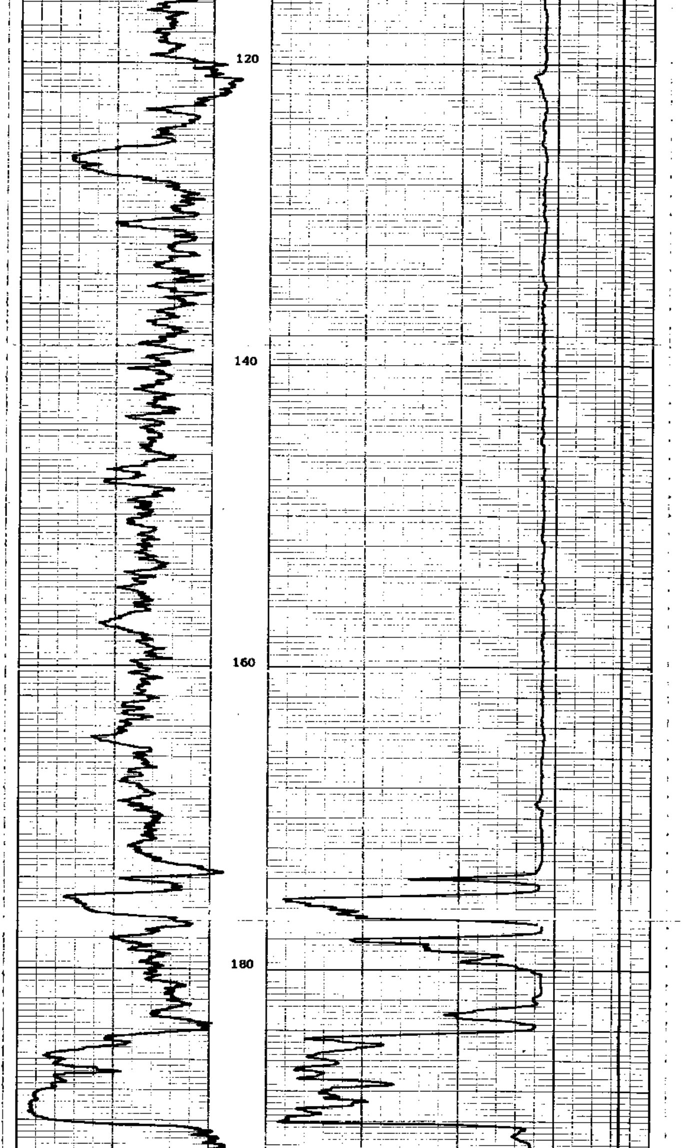
o

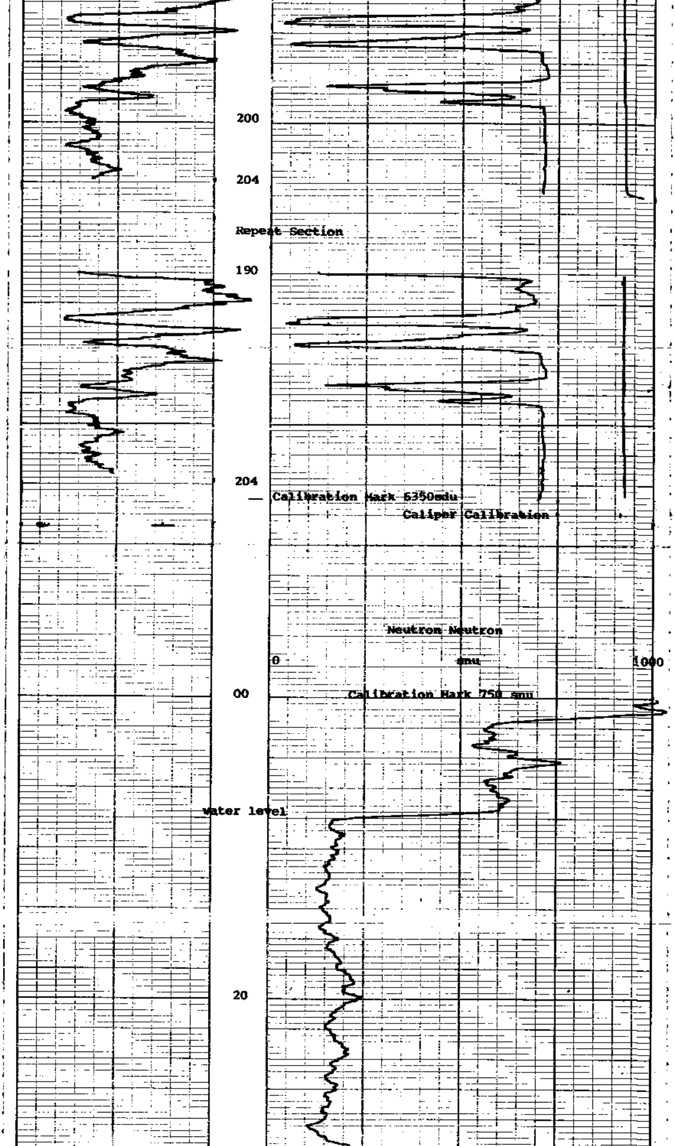
COAL BULK DENSITY

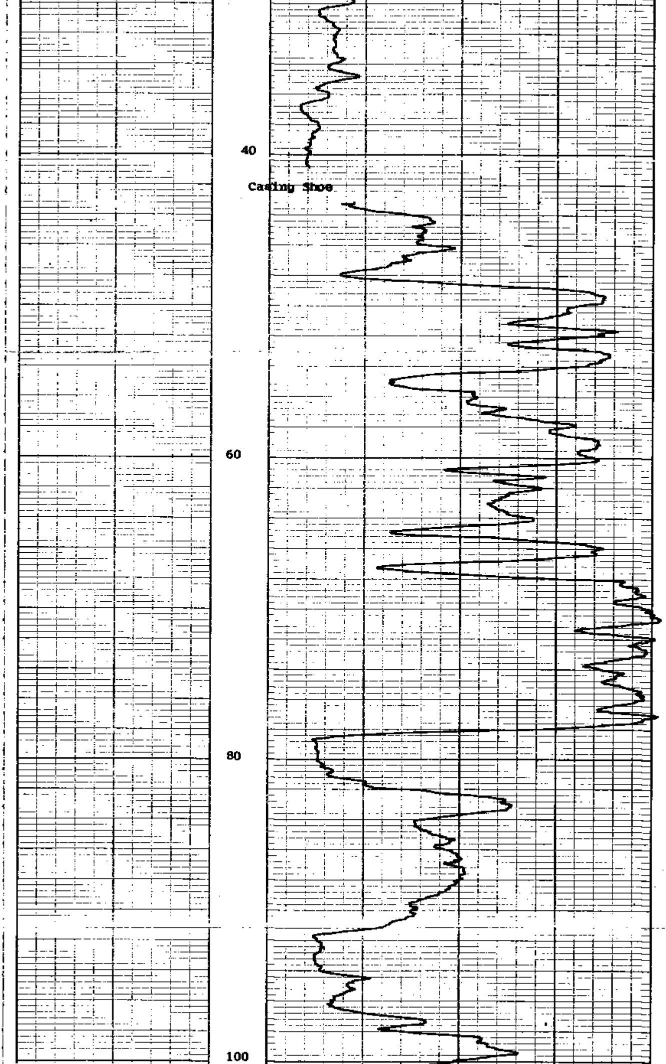
grm/cc

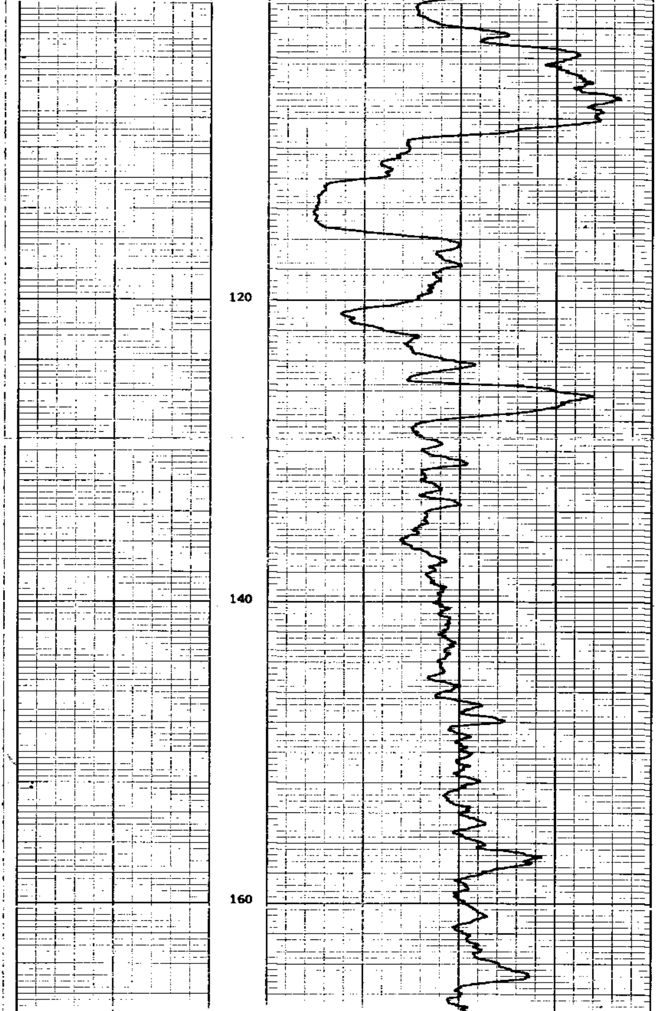


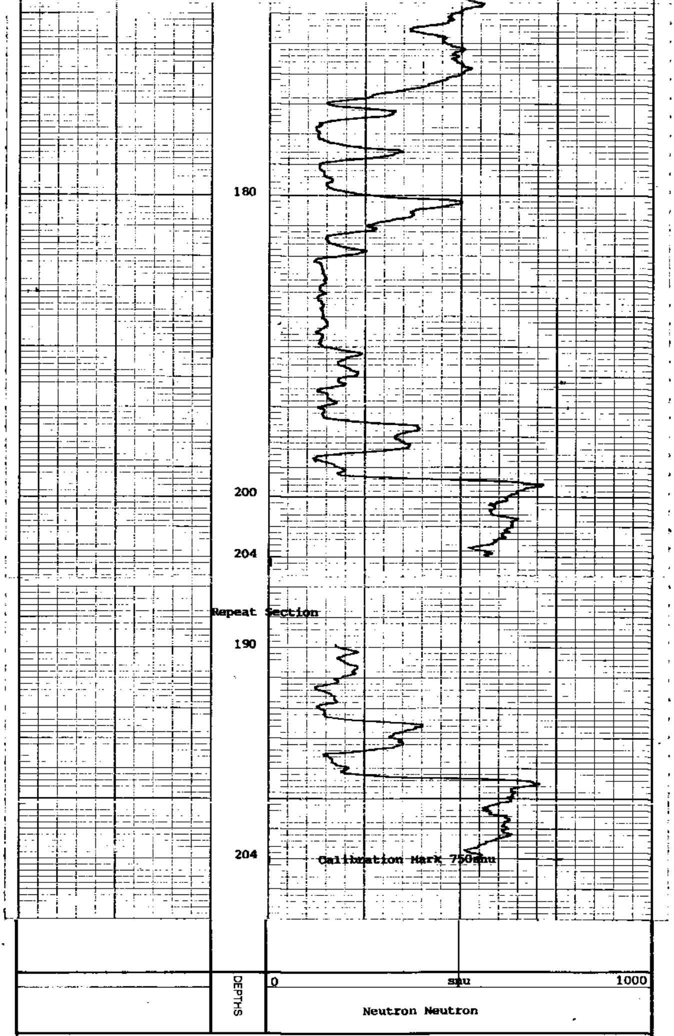












COMPANY Dension Coal
BOREHOLE QBD#7722
STATE B.C.
COUNTRY Canada.

DETAIL LOGS.
L.S. Density, Gamma Ray,
Caliper, B.R. Density,
H.R. Density.

COMPANY Dension Coal.
BOREHOLE D#7722 Dabcock.
STATE B.C. COUNTRY Canada.

Permanent Datum Top of Casing. Elev. m.
Log measured from Top of Casing, Buro m. above P.D.
Drilling measured from Top of Casing, Gelo m. above P.D.

N RL

	1		
	1 October		
	200 116 98 82		
	172 110 90 76		
	28 6 8 6		
PB	41		
	41		
	204.4		
	206		
	bentonite		
	5" 41	to	to
	3 3/4" t.d.	to	to
3	to	to	to
	4"i.d. 41	to	to
	to	to	to
Meas Temp	@	@	@
Meas Temp	@	@	@
Meas Temp	@	@	@
Time	2 hours.		
	21/23		
B.	C.Mothersele.		

fold here

REMARKS

Dens Visc				
pH Fluid Loss		ml		
Source of Sample				
Rm @ Meas Temp	@	°F	@	°F
Rmf @ Meas Temp	@	°F	@	°F
Rmc @ Meas Temp	@	°F	@	°F
Source Rmf Rmc				
Rm @ BHT	@	°F	@	°F
Rmf @ BHT	@	°F	@	°F
Rmc @ BHT	@	°F	@	°F

Equipment Data

Run No	Tool Type	Tool Position	Other
1	C.C.S.	sidewall	
2	Gamma	eccentralised	

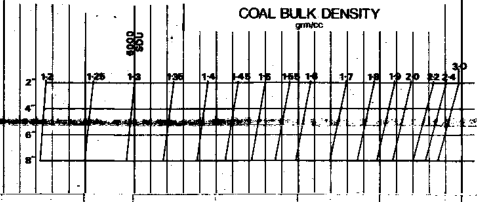
Logging Data

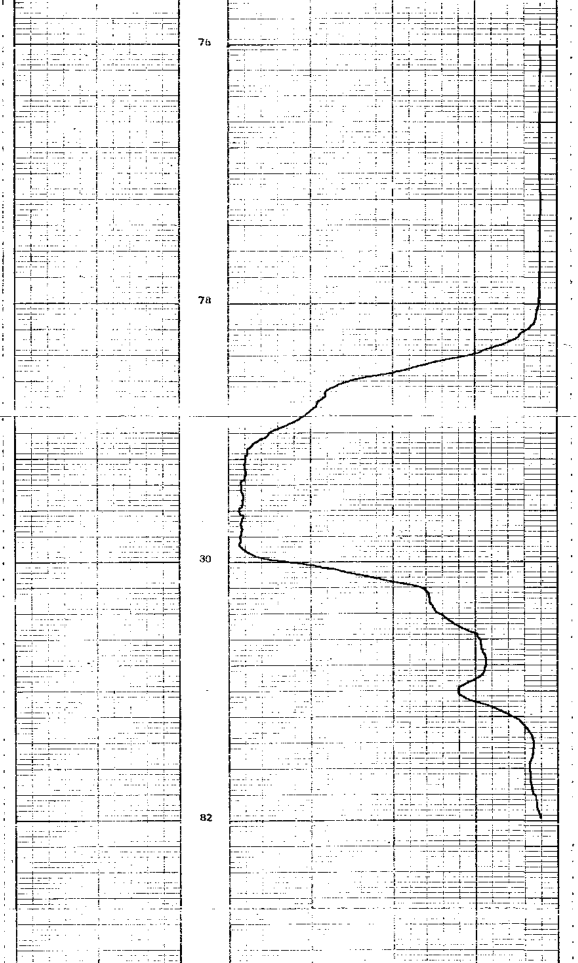
Log	Depths		Speed	T.C.	Norm	Scale No	Source No
	From	To	m/min	sec			
L.S.D.	200	76	2¼	1	.728	118	H-5863
Caliper	200	76	2	0.3	out	118	-
Gamma	200	76	2¼	2	out	118	-
B.R.D.	200	76	2	1	out	118	H-5863
H.R.D.	200	76	2¼	1	out	15	B-2

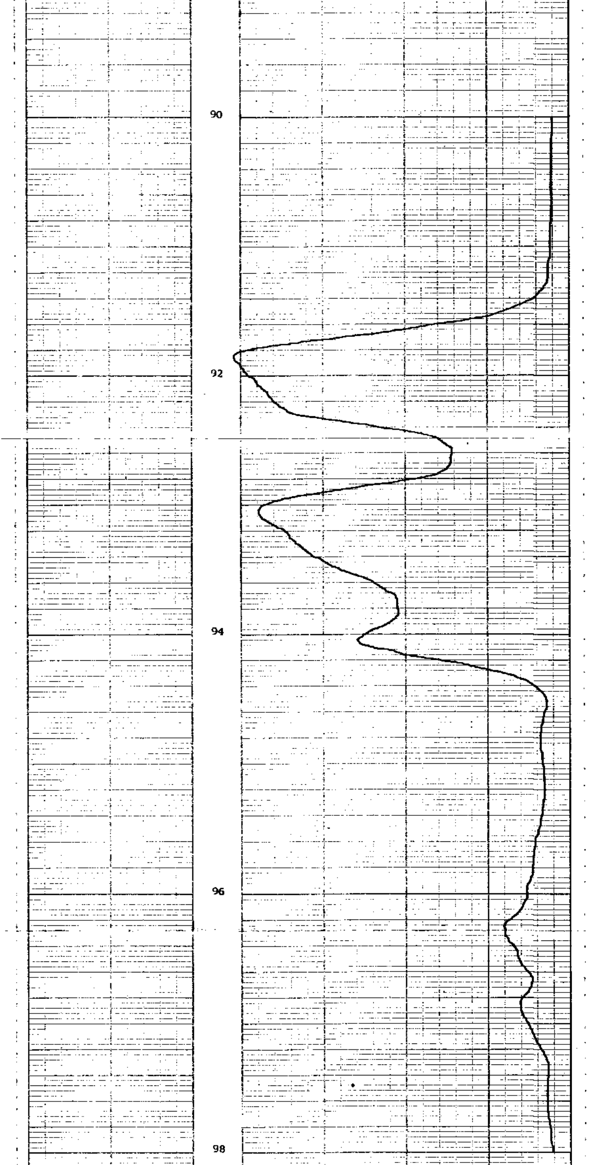
DEPTHS

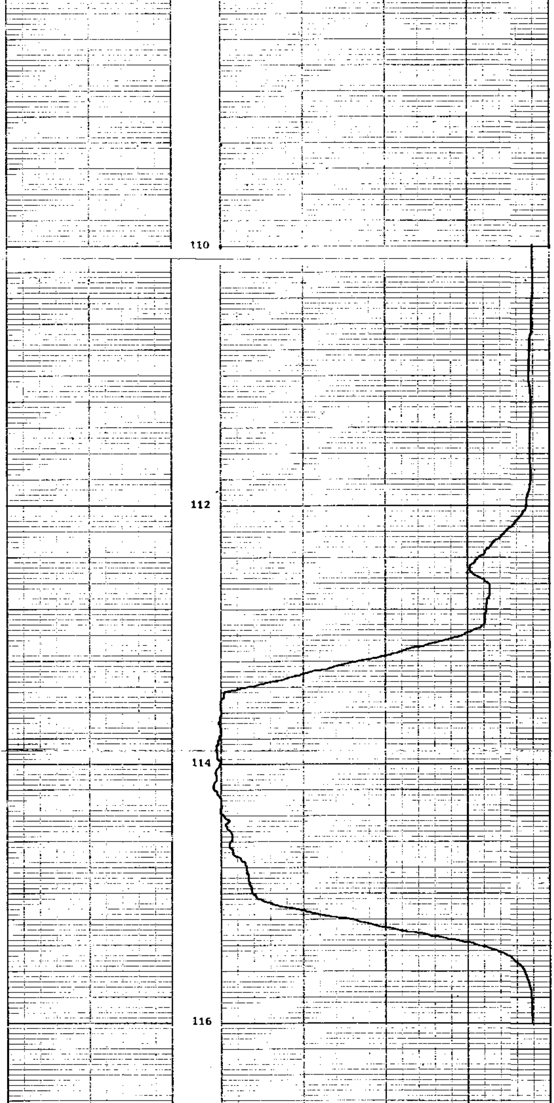
Long Spacing Density

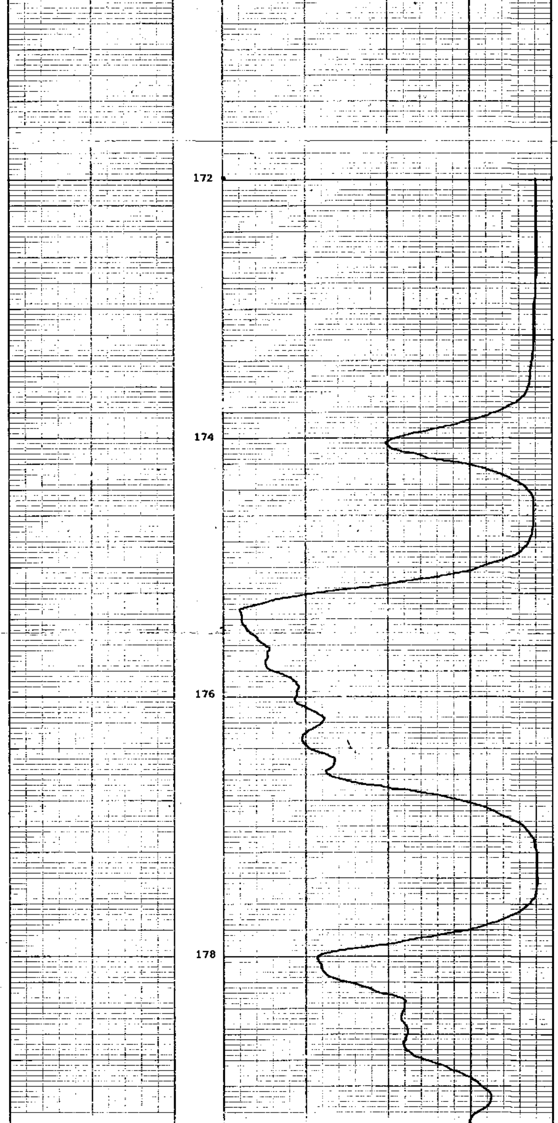
6000 sdu 0

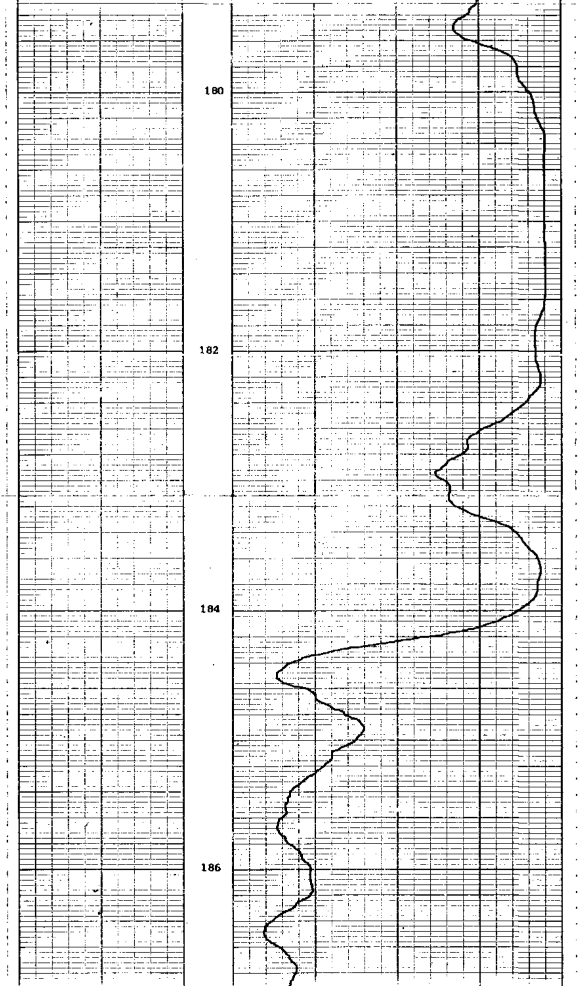


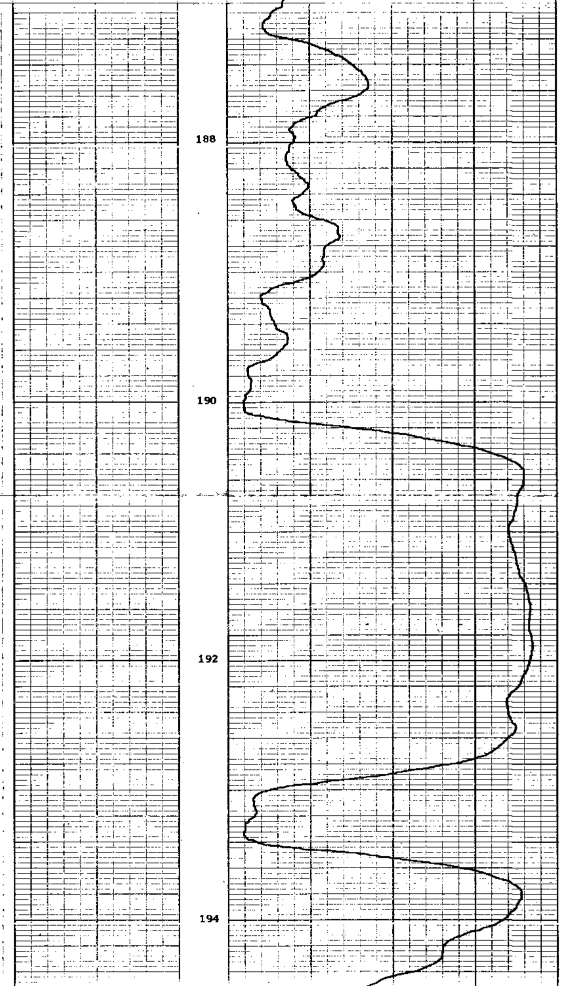


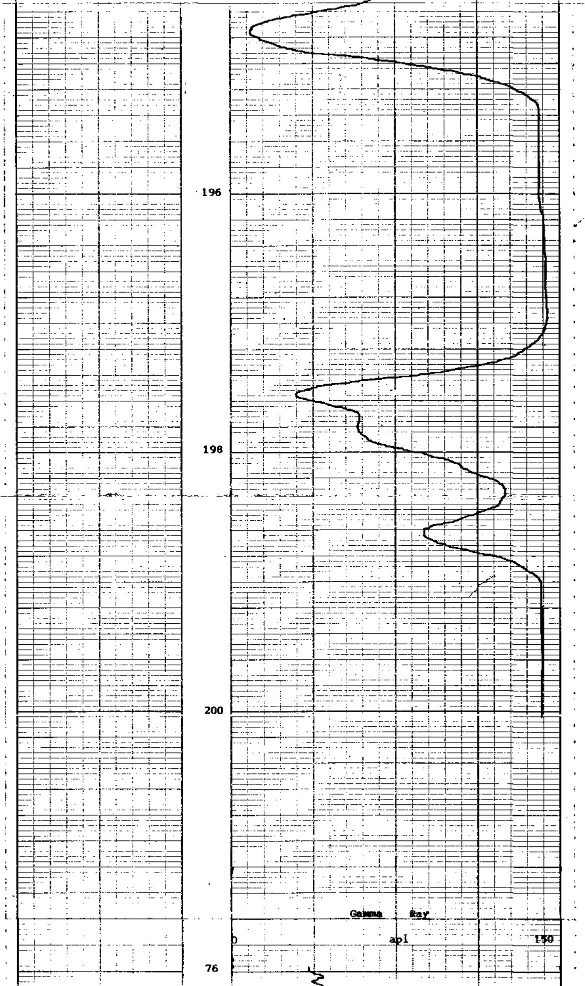


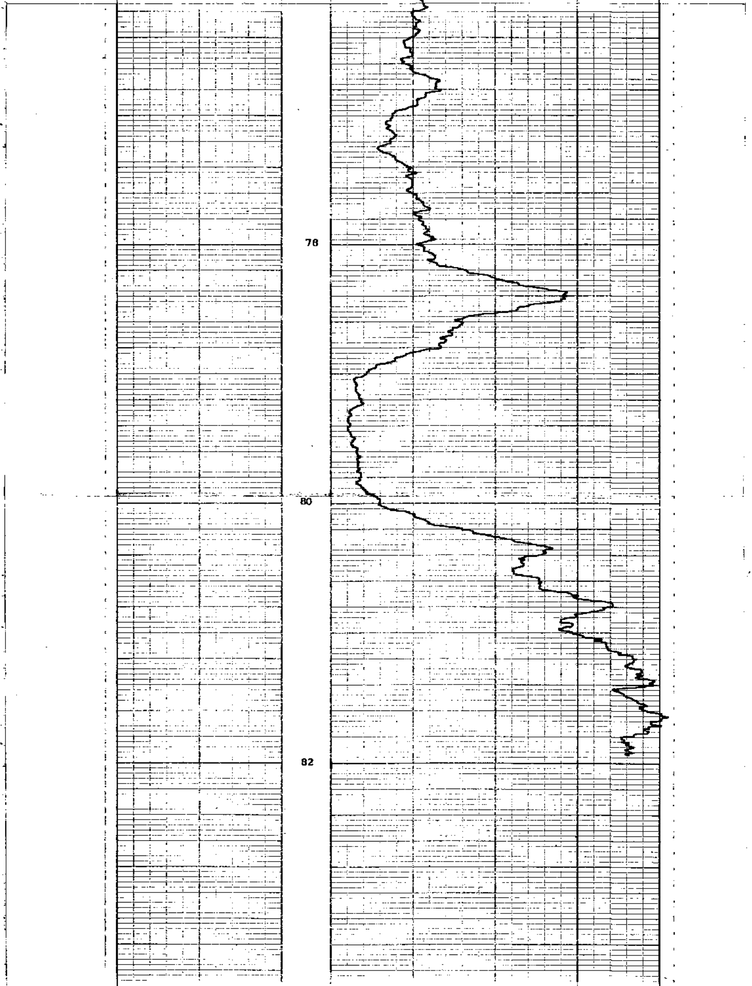


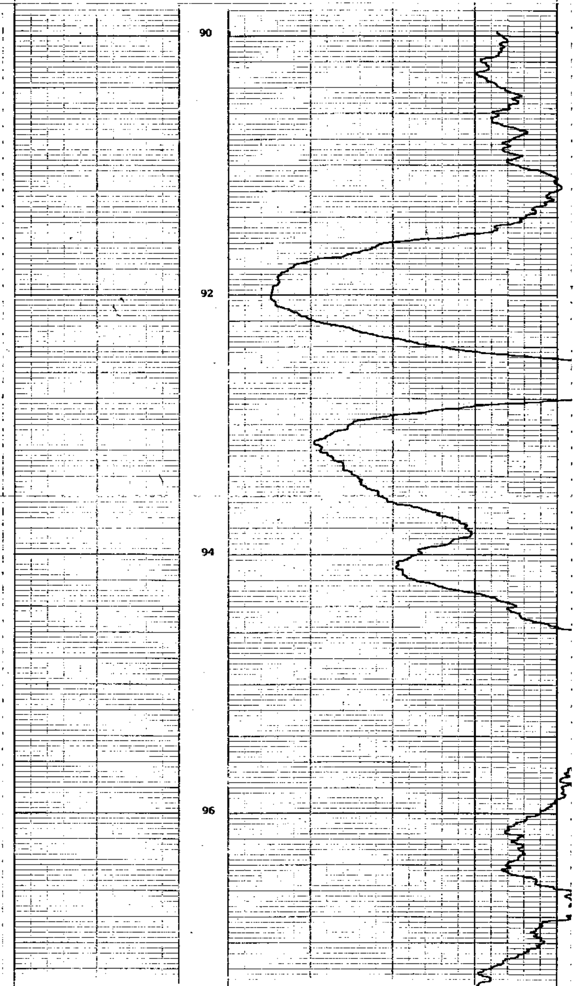


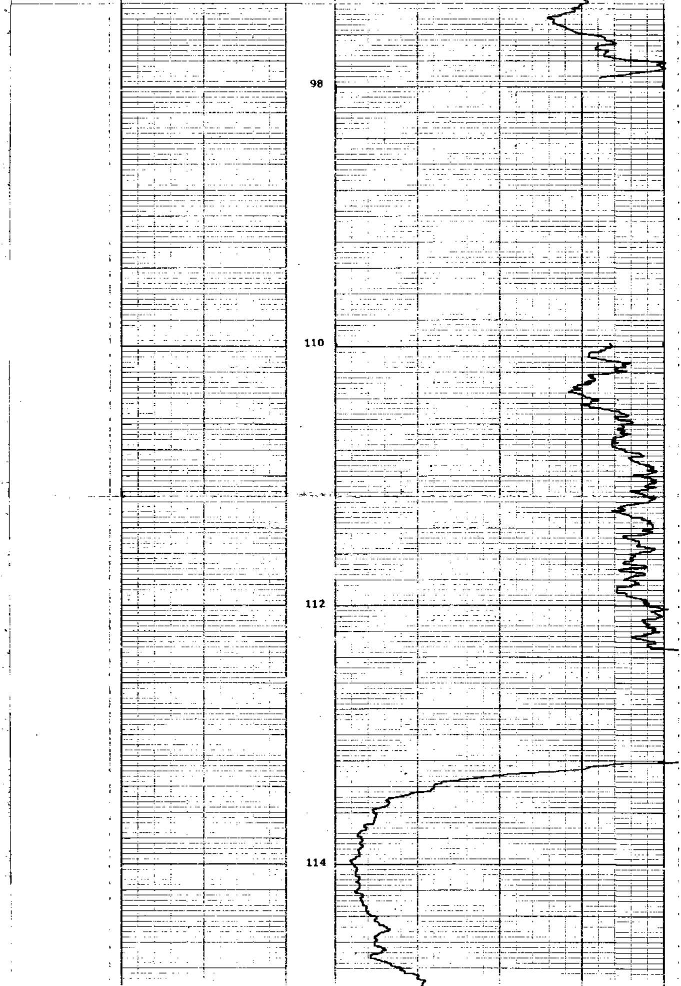


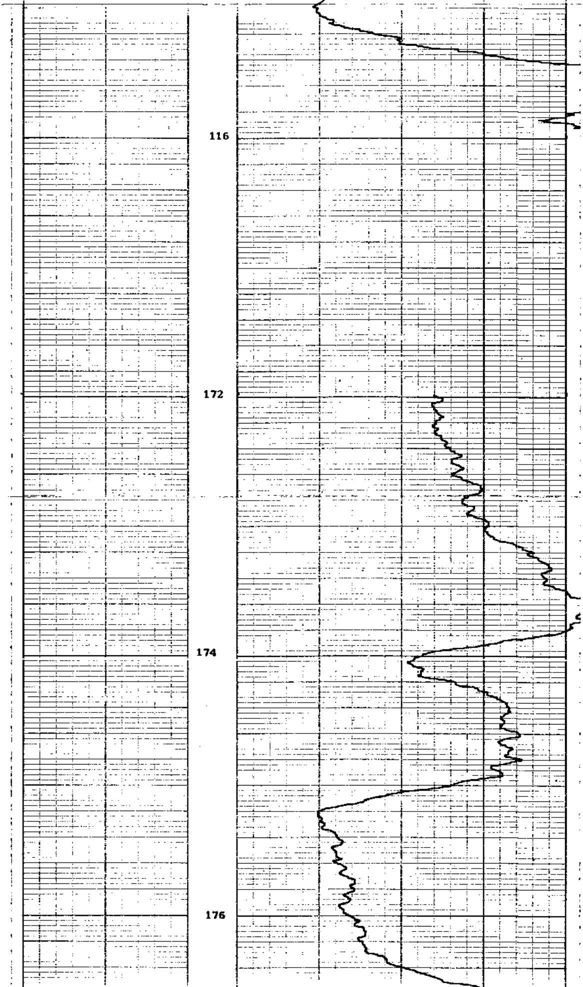


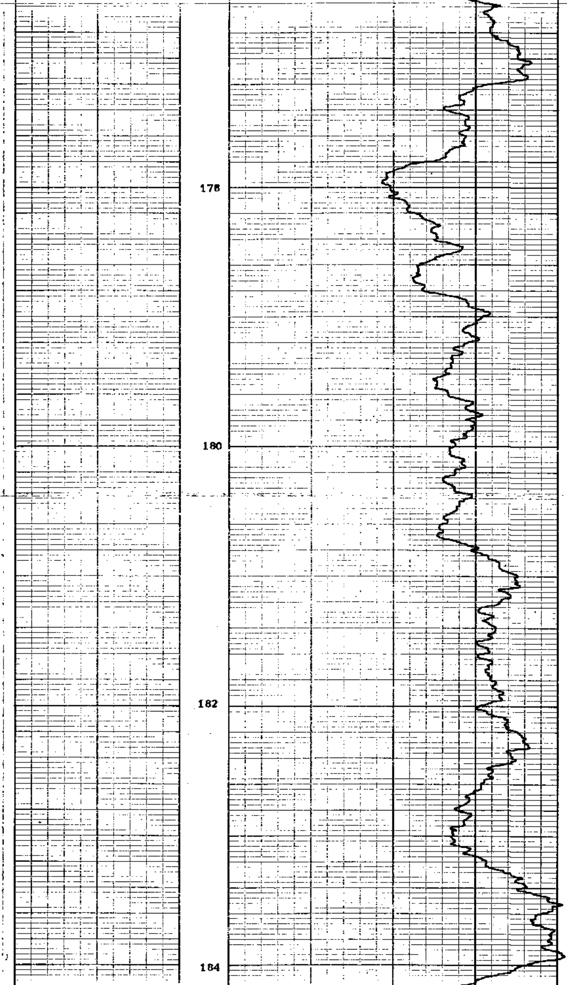


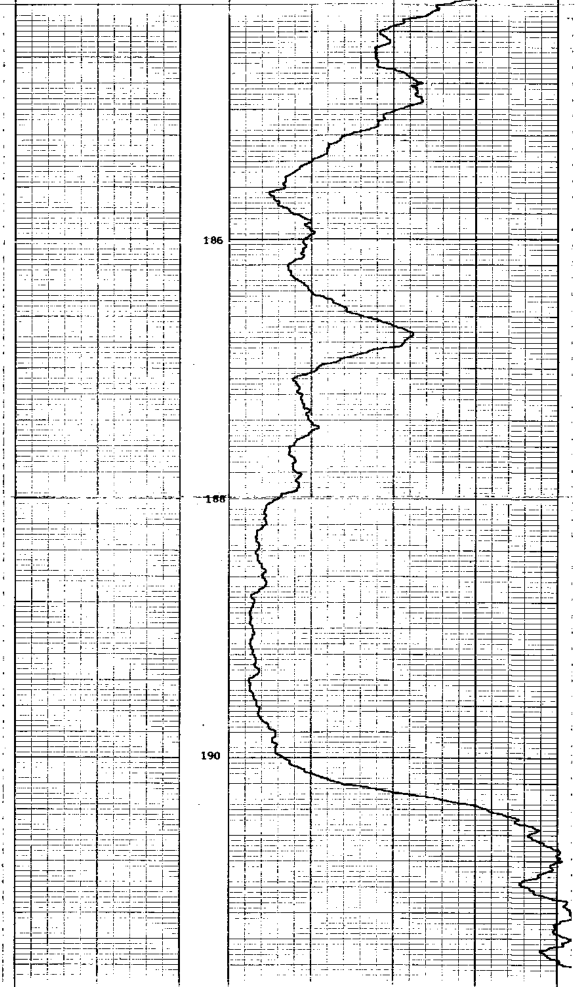


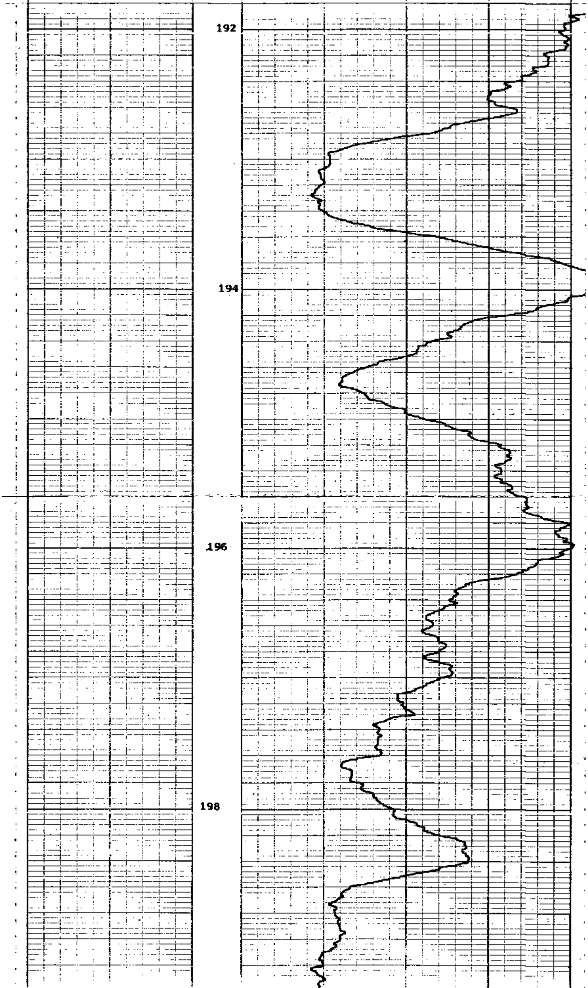


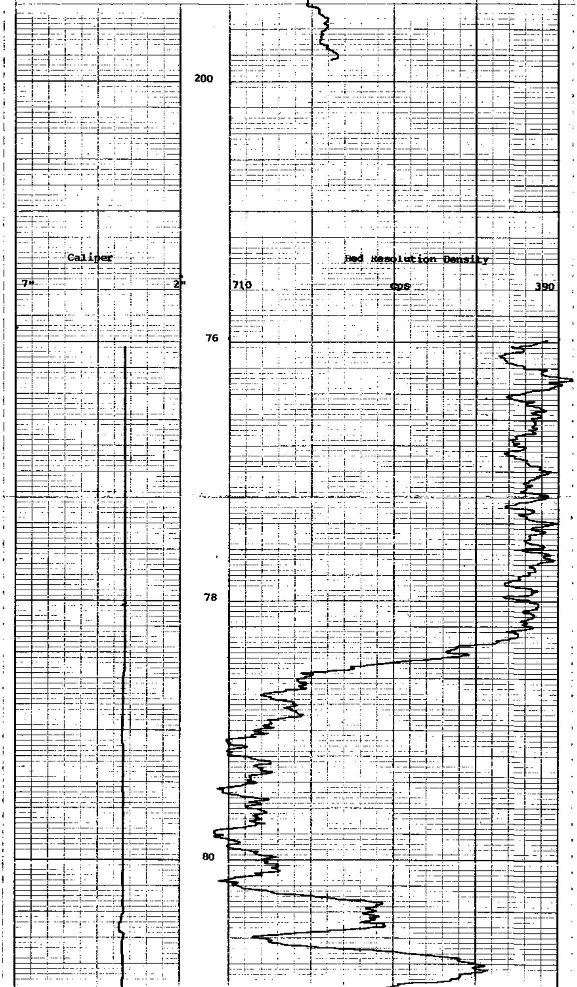


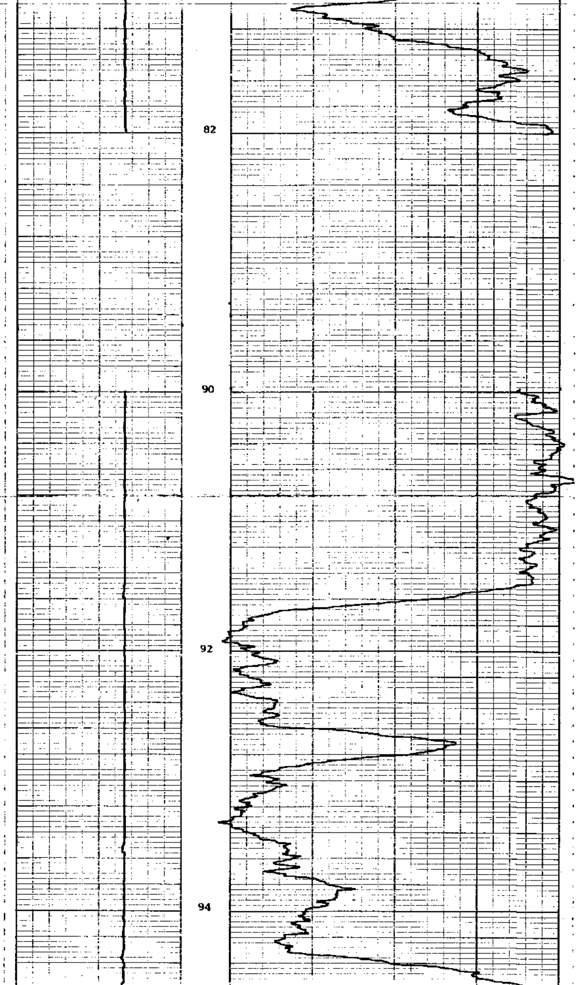


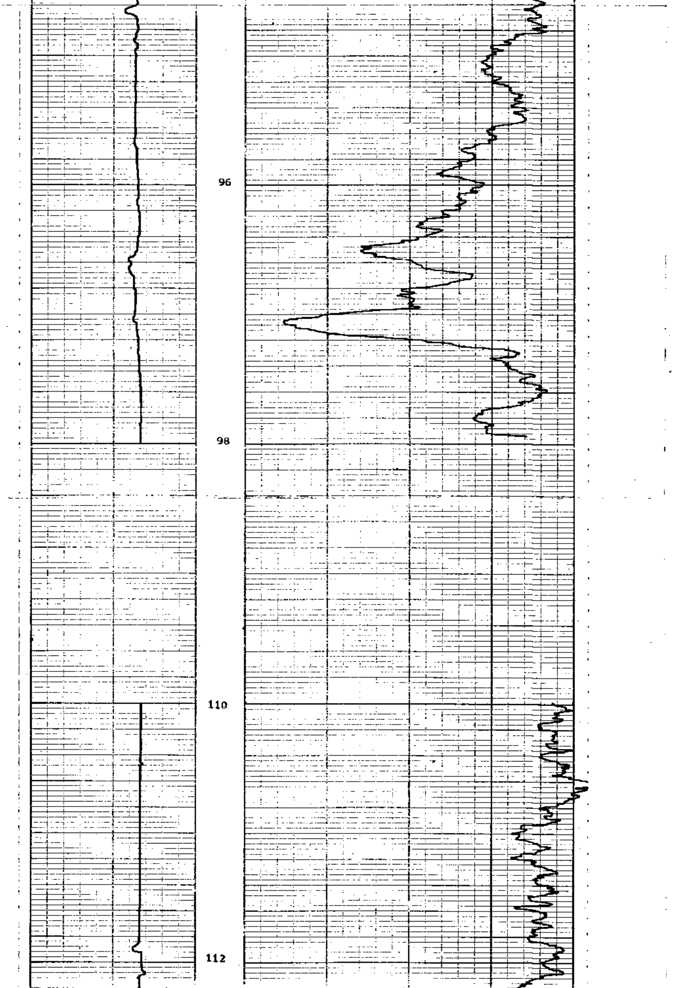


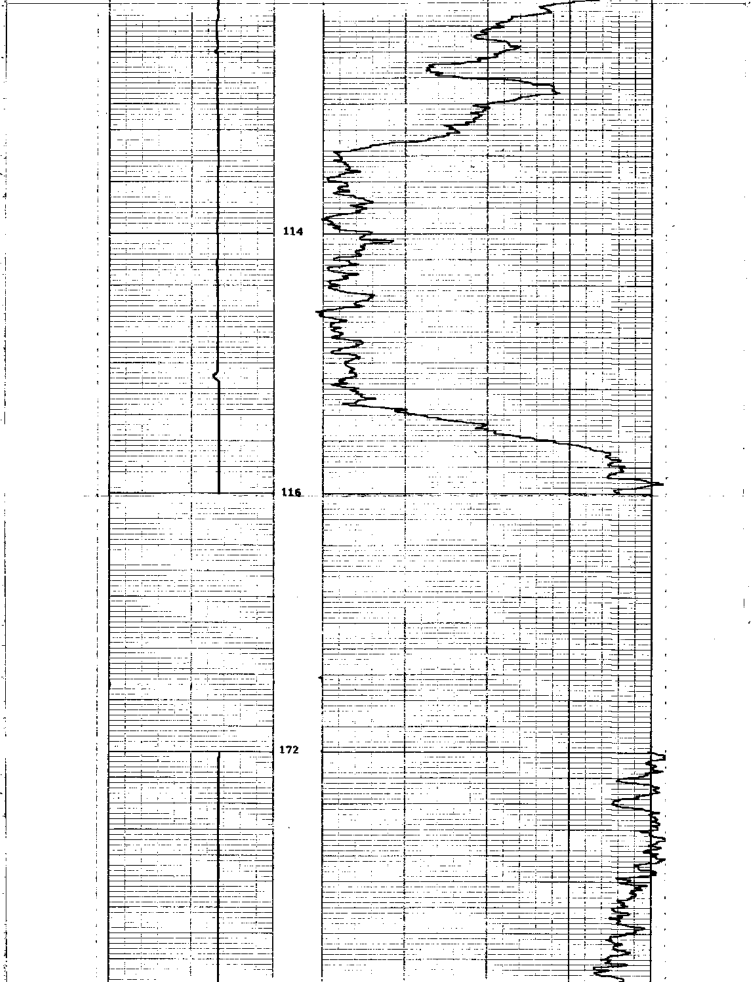


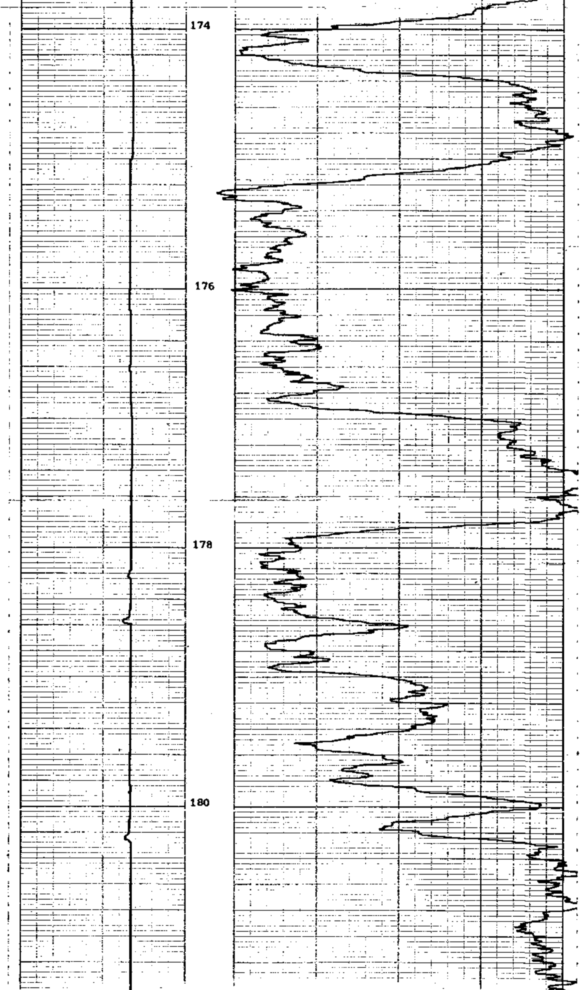


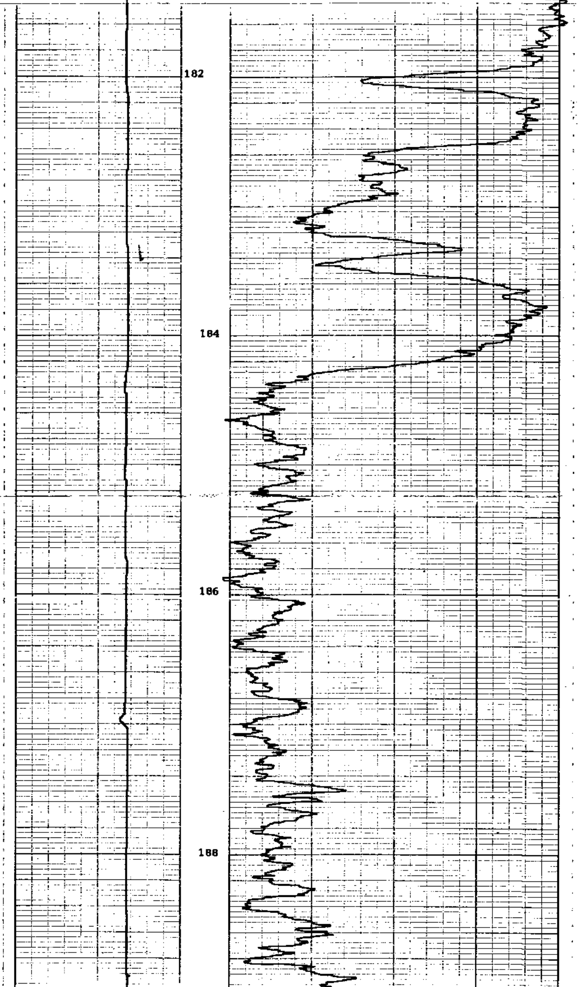


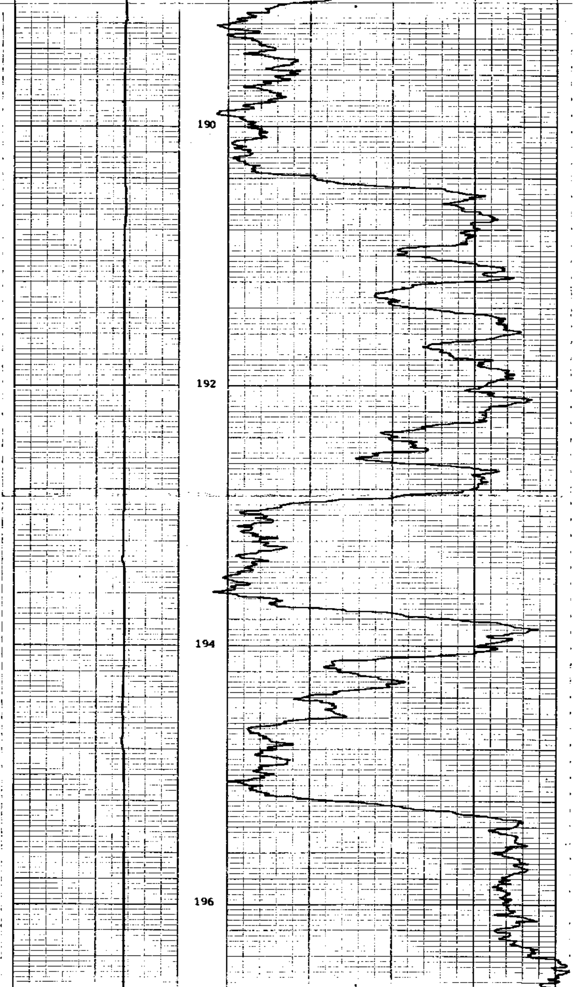


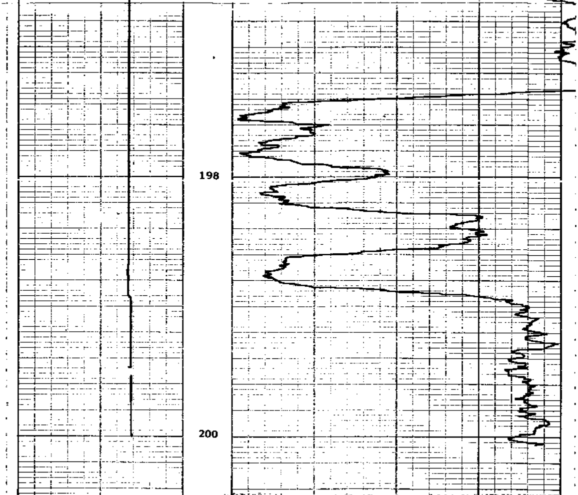


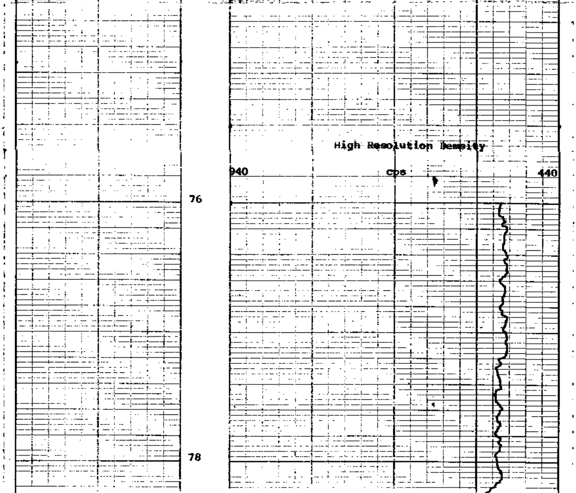


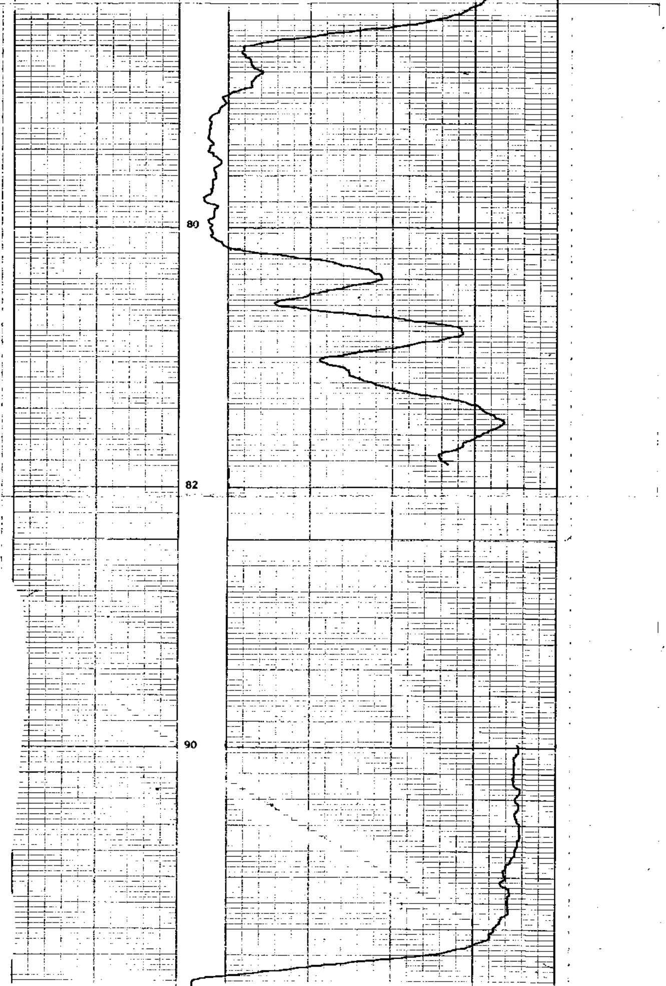


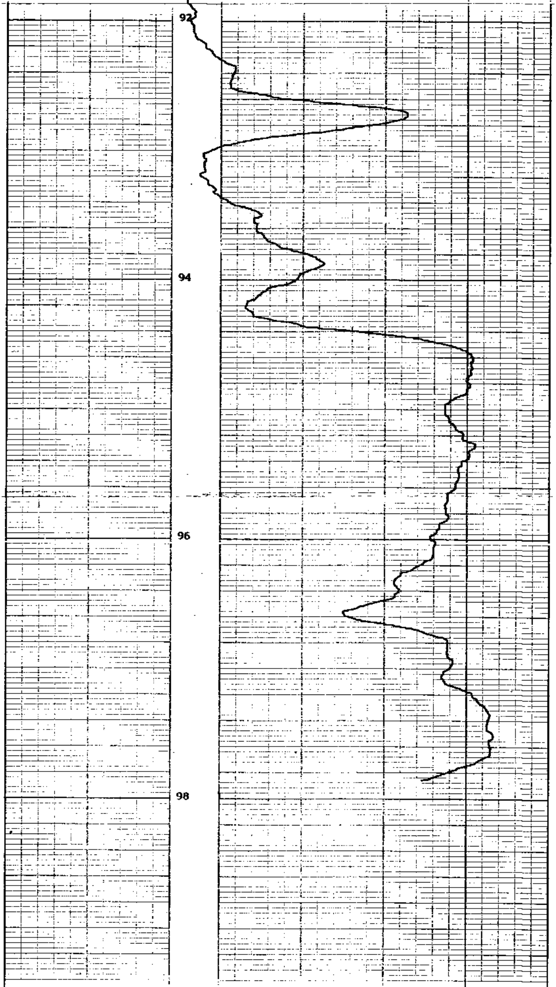


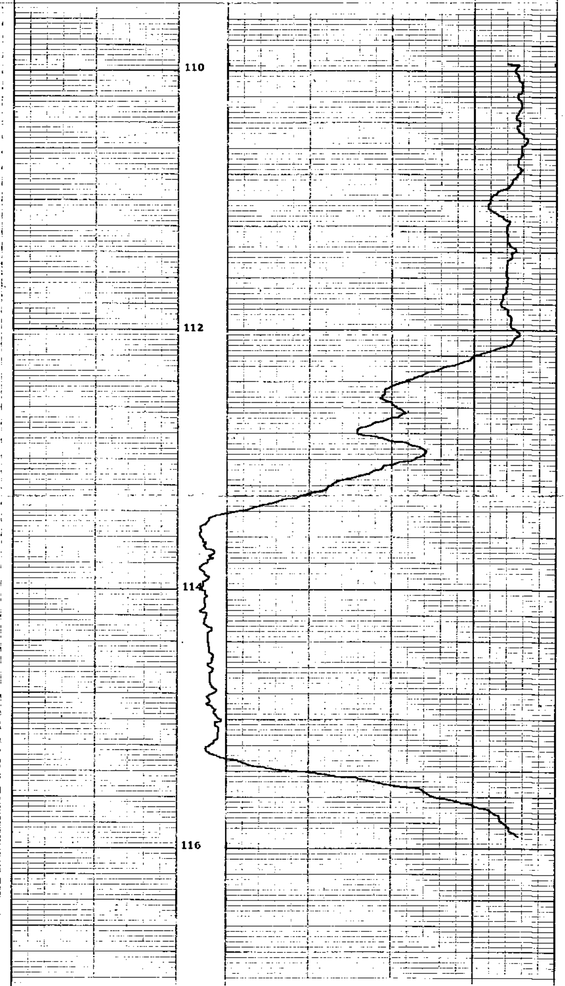


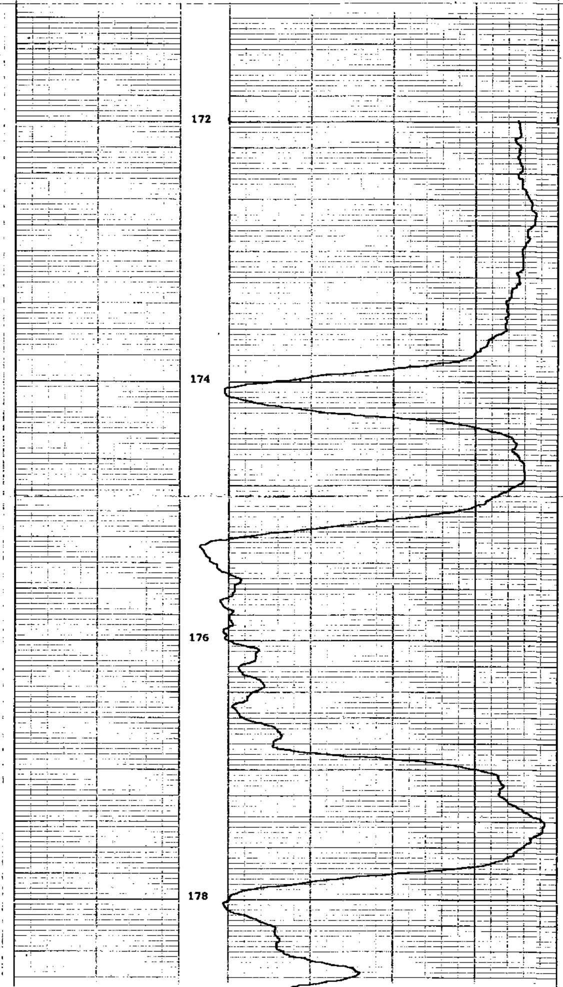


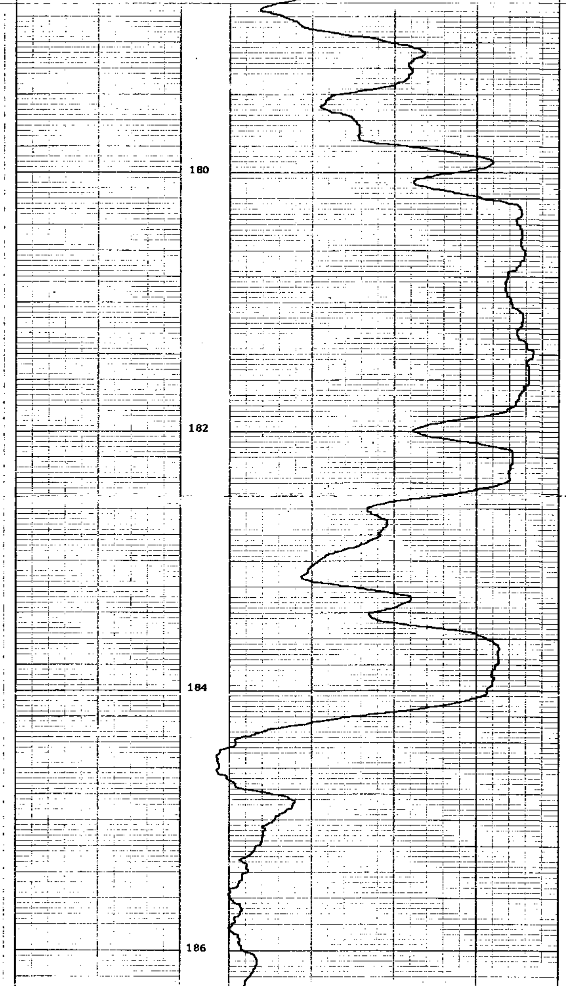


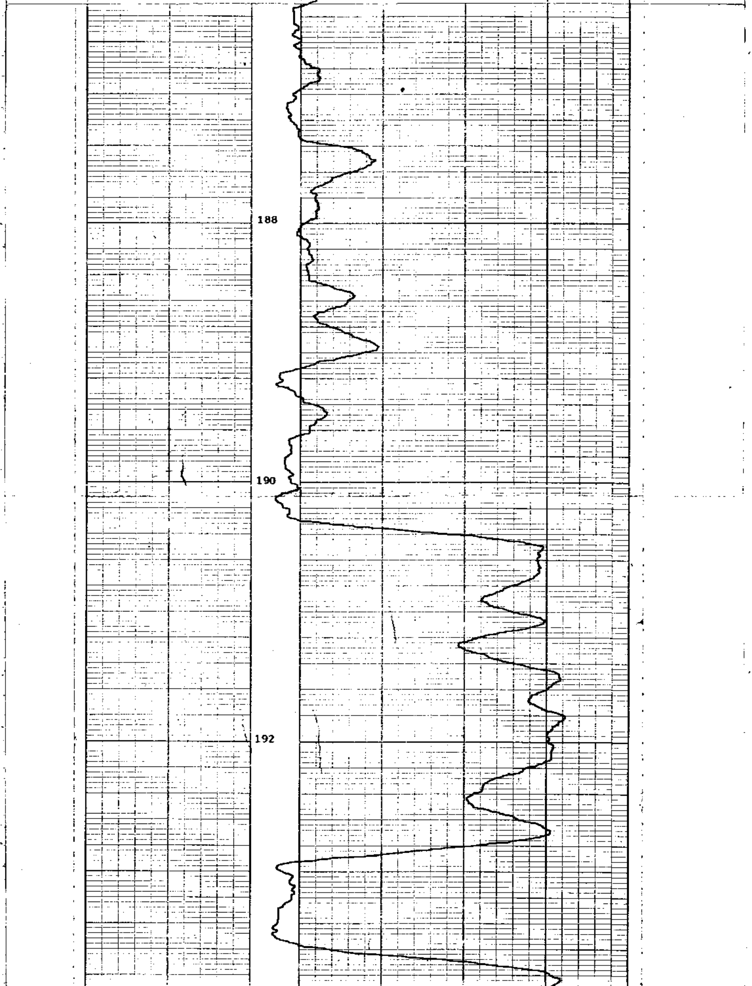


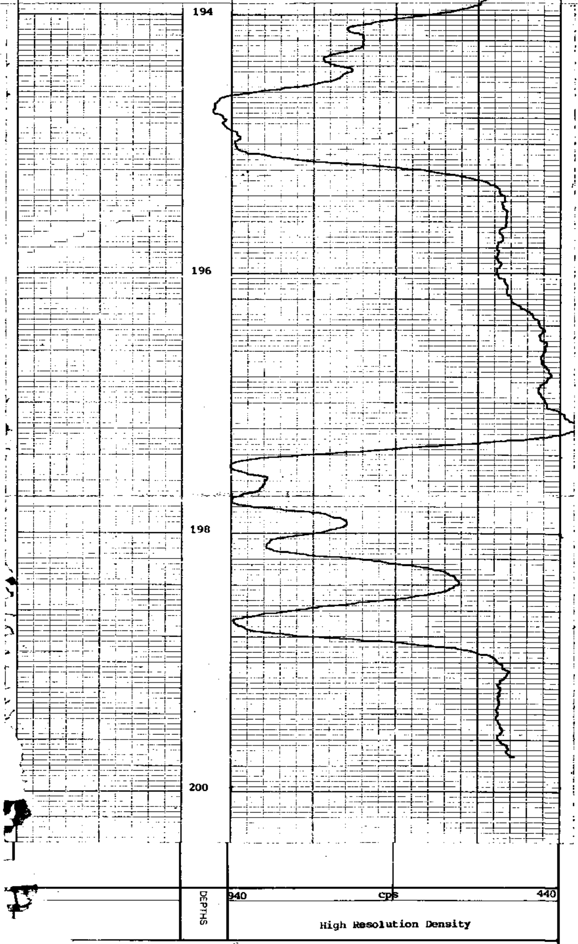












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