

00071

CX-QUINSAM 78A

Part 1







M  
78-2

**LEXCO TESTING LTD. GAMMA-DENSITY - RESISTANCE**

700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA

HOLE *Drillhole GY-28-2* SURVEYED DATA

LOCATION *B7+50* SEC TP RGE W ELEV. *1131'*

AREA *Quinsay* LOC. *Line 87.50*

PROVINCE *B.C.* **L371** *L486' E. of S/L*

DATE *11 Feb 28* RUN NO. *2*

DEPTH - DRILLER *240*

DEPTH - LOGGER *232*

FLUID LEVEL *3*

LOGGING TIME *34 hr*

DRILLED BY *H. GIBBERT*

RECORDED BY *L. HARRIS*

WITNESSED BY *S. GARDNER*

BORE-HOLE RECORD

BIT FROM TO SIZE CASING RECORD FROM TO

*6 1/4 0 10 5 0 10*

EQUIPMENT DATA

GAMMA RAY TOOL MODEL NO. L-103 RESISTANCE TOOL MODEL NO. L-103 DENSITY TOOL MODEL NO. L-103 CALIPER

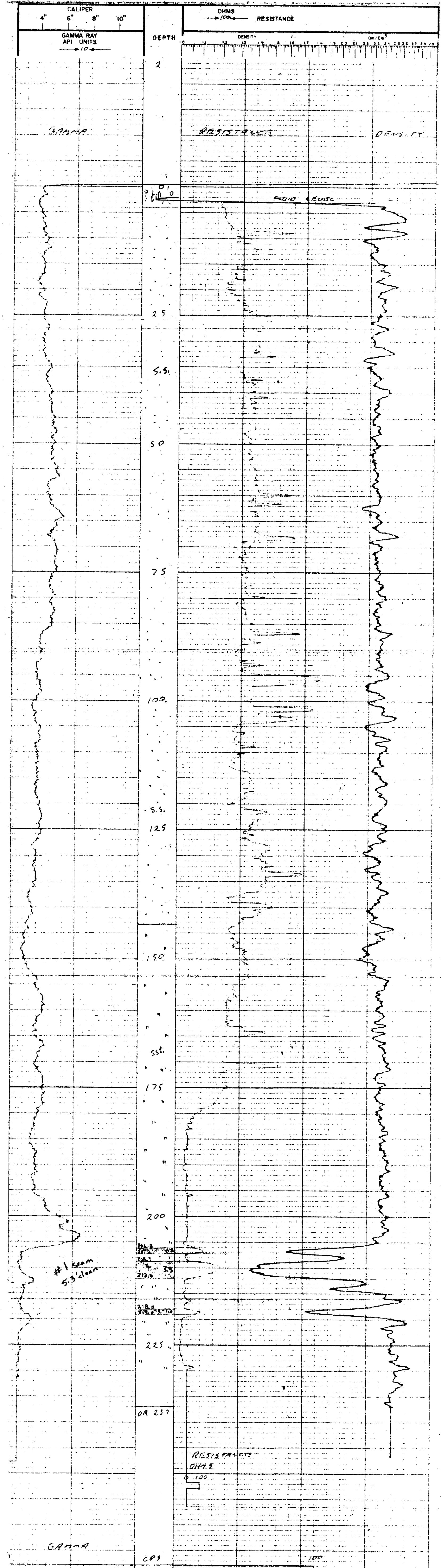
DIAMETER 2 1/8" DETECTOR MODEL NO. CP-516 SCINT. TYPE SCINT. TYPE SCINT. TYPE

LENGTH 3' HOPE SCALE 1004 M/C

TRUCK No. *2* LOCATION *Cambridge House* ISOPIE STRENGTH *125 m/c*

GENERAL		GAMMA RAY		DENSITY	
RUN NO.	DEPTHS	SPEED	SENS.	API UNITS	T.C. SENS.
FROM	TO	F/Min	PER DIV.	SEC	SETTINGS
<i>1</i>	<i>0</i>	<i>12</i>	<i>100</i>	<i>10</i>	<i>1A</i>
<i>1</i>	<i>237</i>	<i>12</i>	<i>100</i>	<i>10</i>	<i>1A</i>

**22**



M 78-4-C

**LEXCO TESTING LTD. GAMMA-DENSITY - RESISTANCE**

700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA.

HOLE COMPANY *DA-78-4-C* SURVEYED DATA

LOCATION *85+00* SEC *12* TR. RGE. *W* ELEV. *1102'*

AREA *DA-78-4-C* LOC. *84+86.2251 LL*

PROVINCE *S.C.*

DATE *19 MAR 78*

DEPTH-CALIPER *9.1*

LOGGING TIME *9:11*

LOGGED BY *J. LAMBERT*

RECORDED BY *J. LAMBERT*

WITNESSED BY *J. LAMBERT*

WELL NO. *5000000*

WELL NAME *5000000*

WELL TYPE *W*

WELL STATUS *W*

WELL DEPTH *85'*

WELL DIAMETER *2 1/8"*

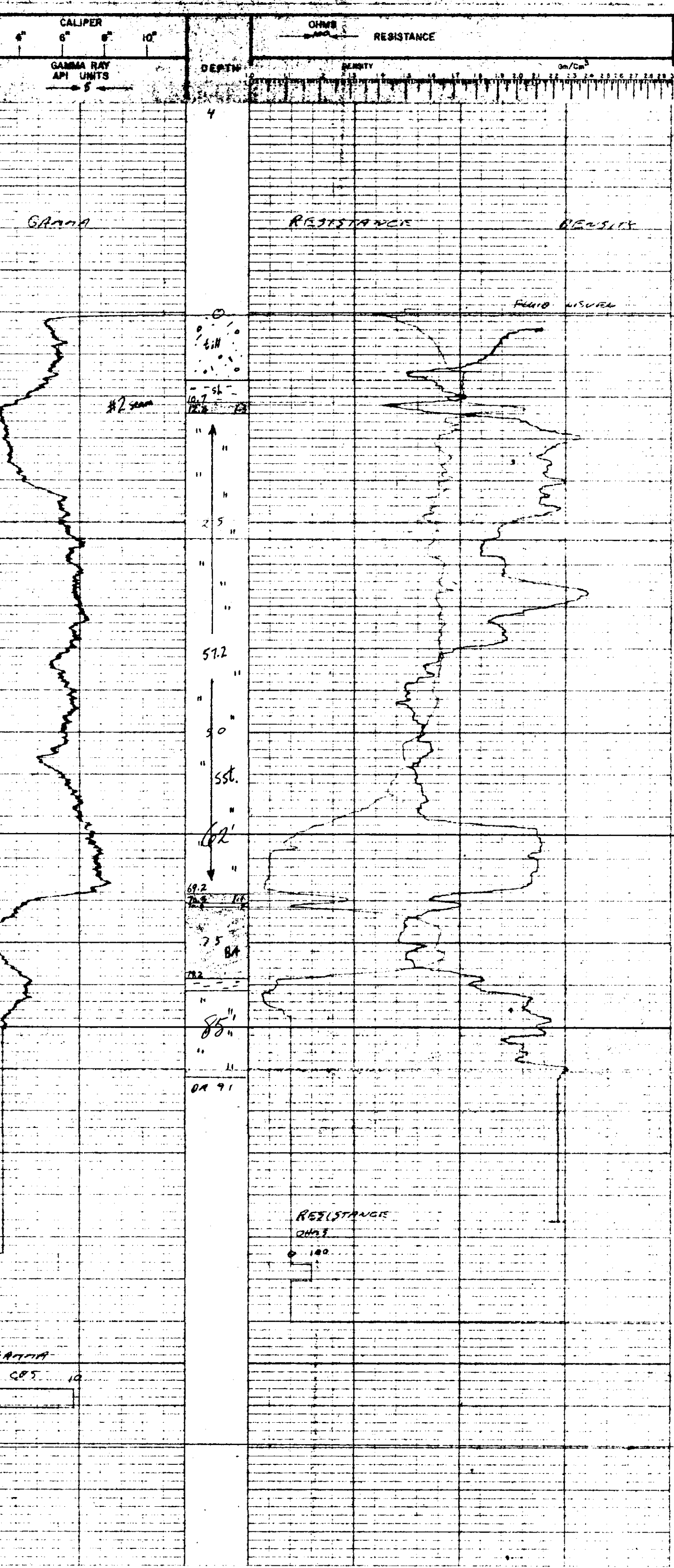
WELL CEMENT *1"*

WELL GRADE *1"*

WELL SURFACE *1"*

**7124**

GENERAL				GAMMA RAY				DENSITY				
NO.	FROM	TO	DEPTH	SPEED	T.C.	SENS.	ZERO	API	UNITS	T.C.	SENS.	ZERO
				F/HR	SEC.	SETTING		PER	DIV.	SEC.	SETTING	
1	0	12	4	100				5	1	1/2		50



GAMMA 10

RESISTANCE OHMS

DENSITY

RESISTANCE

GAMMA

DEPTH

OHMS RESISTANCE

CALIPER

GAMMA RAY API UNITS

DENSITY Gm/Cm³



78-5

**LEXCO TESTING LTD. GAMMA-DENSITY - RESISTANCE**

700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA.

HOLE ORILLON G4-28-5 SURVEYED DATA  
 LOCATION 1500 47 SEC. TP. RGE. W. ELEV. 1117'  
 AREA Orillia PROV. B.C. LOC. 92-502-1482 LL

**7115**

RUN No. 1 DATE 19 Aug 78  
 DEPTH-DRILLER 280  
 DEPTH-LOGGER 217  
 FLUID LEVEL 14.0  
 LOGGING TIME 14.00  
 DRILLED BY H. L. L. L.  
 RECORDED BY S. G. G.  
 WITNESSED BY S. G. G.

TOOL MODEL No. L-103		TOOL MODEL No. L-103		RESISTANCE: DENSITY		CALIPER	
DIAMETER 2 1/8"		DIAMETER 2 1/8"		TYPE		TYPE	
DETECTOR MODEL No. GS-516		DETECTOR MODEL No. GS-516		SCINT		SCINT	
TYPE		TYPE		SPACING		SPACING	
LENGTH		LENGTH		HOR. SCALE		HOR. SCALE	
TRUCK No. 4		TRUCK No. 4		SOURCE MODEL		SOURCE MODEL	
LOCATION <u>Orillia, B.C.</u>		LOCATION <u>Orillia, B.C.</u>		ISOTOPE		ISOTOPE	
STRENGTH		STRENGTH		HOVRP		HOVRP	
LOGGING DATA		LOGGING DATA		CS-137		CS-137	
GENERAL		GENERAL		125 m.c.		125 m.c.	
GENERAL		GENERAL		GAMMA RAY		GAMMA RAY	
SPEED		SPEED		T.C. SENS. ZERO		T.C. SENS. ZERO	
DEPTHS FROM TO		DEPTHS FROM TO		API UNITS PER DIV.		API UNITS PER DIV.	
1 2 1/2		1 2 1/2		5		5	
0 1/4		0 1/4		1		1	
1/8		1/8		1/8		1/8	
1/4		1/4		1/4		1/4	
1/2		1/2		1/2		1/2	
1		1		1		1	
2		2		2		2	
4		4		4		4	
8		8		8		8	
16		16		16		16	
32		32		32		32	
64		64		64		64	
128		128		128		128	
256		256		256		256	
512		512		512		512	
1024		1024		1024		1024	
2048		2048		2048		2048	
4096		4096		4096		4096	
8192		8192		8192		8192	
16384		16384		16384		16384	
32768		32768		32768		32768	
65536		65536		65536		65536	
131072		131072		131072		131072	
262144		262144		262144		262144	
524288		524288		524288		524288	
1048576		1048576		1048576		1048576	
2097152		2097152		2097152		2097152	
4194304		4194304		4194304		4194304	
8388608		8388608		8388608		8388608	
16777216		16777216		16777216		16777216	
33554432		33554432		33554432		33554432	
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78-6-2

**LEXCO TESTING LTD. GAMMA-DENSITY - RESISTANCE**

700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA

HOLE *CORE HOSE 04-78-S-C* SURVEYED DATA

LOCATION *4250 47 SEC. TP. RGE. W.* ELEV. *1125'*

AREA *Q1455-1* LOC. *9004 2251' 44"*

PROVINCE *B.C.*

RUN No. *3*

DATE *14 FEB 78*

DEPTH - DRILLER *120*

DEPTH - LOGGER *119*

FLUID LEVEL *14*

LOGGING TIME *0.5 HR*

DRILLED BY *A. COOPER*

RECORDED BY *V. HARRIS*

WITNESSED BY *S. GARWOOD*

SOLE-HOLE RECORD

BIT *8 1/4* FROM *0* TO *10* SIZE *2* FROM *0* TO *1/8*

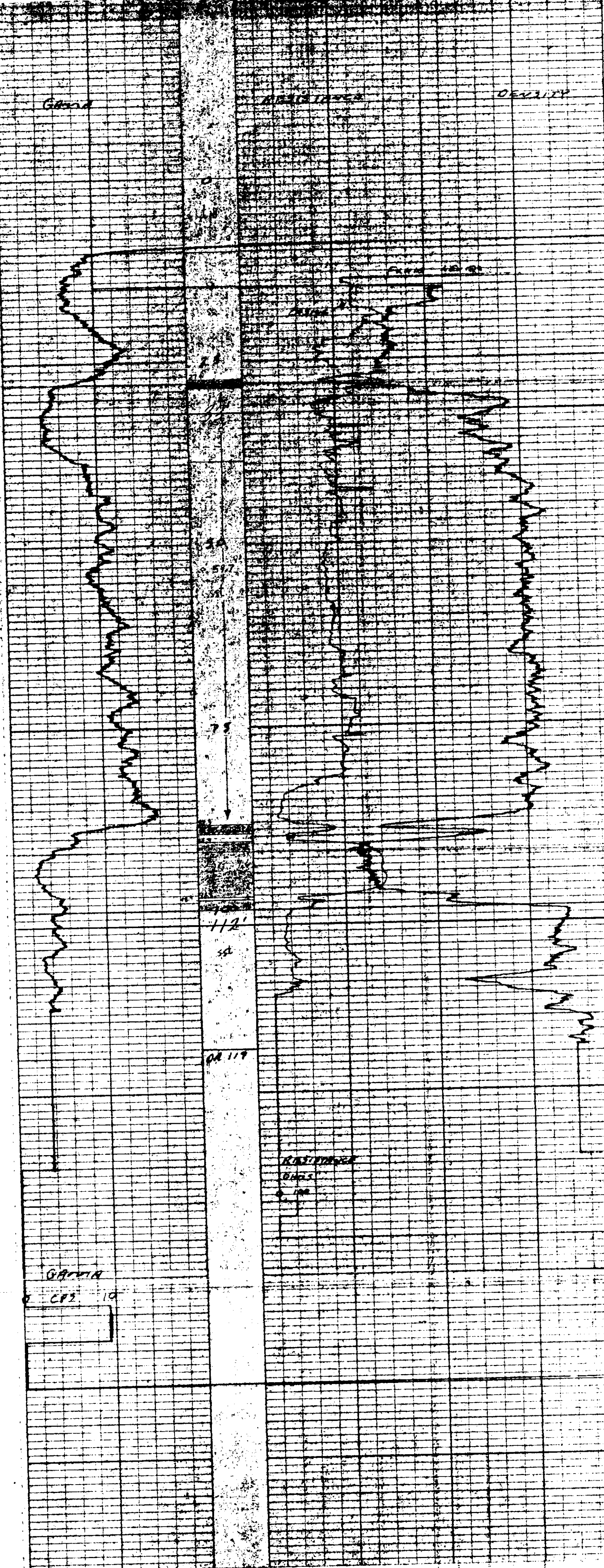
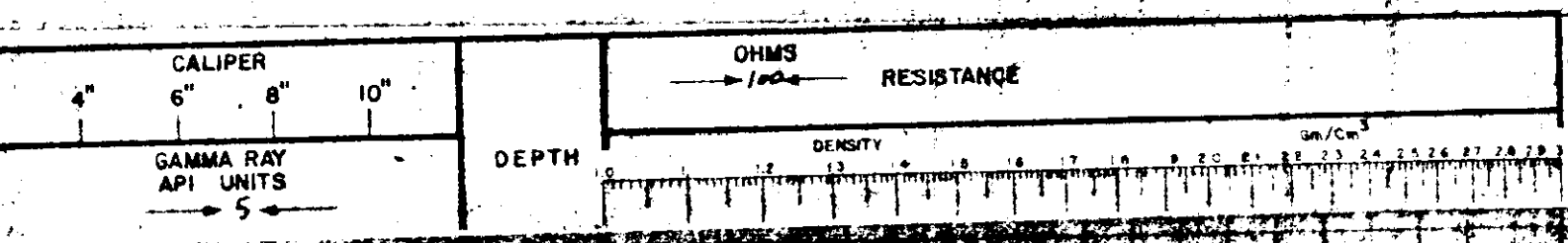
EQUIPMENT DATA

GAMMA RAY TOOL MODEL No. *L-103* TOOL MODEL No. *L-103* RESISTANCE L-103 *L-103* CALIPER

DIAMETER *2 1/8"* DIAMETER *2 1/8"* ME *ME* F *F*

DETECTOR MODEL No. *CF-516* TYPE *SCINT* SPACING *1"* LENGTH *13"*

TRUCK No. *2* GENERAL *1200* HOVR *CS-137*



REMARKS:







78-8

**LEXCO TESTING LTD. GAMMA-DENSITY - RESISTANCE**

700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA.

HOLE *Drill Hole* *Dr-78-B* SURVEYED DATA

LOCATION *874 30* SEC. TP. RGE. W. ELEV. *1111*

AREA *Drill Hole* LOC. DIST. *MS/E*

PROVINCE *BC*

DATE *15 Feb 78*

DEPTH - CALIBER *154*

DEPTH - LOGGER *154*

FLY LEVEL *79.8*

LOGGING TIME *0.5 hr*

LOGGED BY *J. Campbell*

RECORDED BY *J. Campbell*

WITNESSED BY *J. Campbell*

SOIL-HOLE RECORD

BIT FROM FROM SIZE FROM TO

EQUIPMENT DATA

GAMMA RAY TOOL MODEL NO. L-105

TOOL DIAMETER 2 1/8"

DETECTOR MODEL NO. CF-516

TYPE SCINT

LENGTH 3

GENERAL

TRUCK No. *2*

LOCATION *Drill Hole*

ISOTOPE *Cs-137*

STRENGTH *100 m.c.*

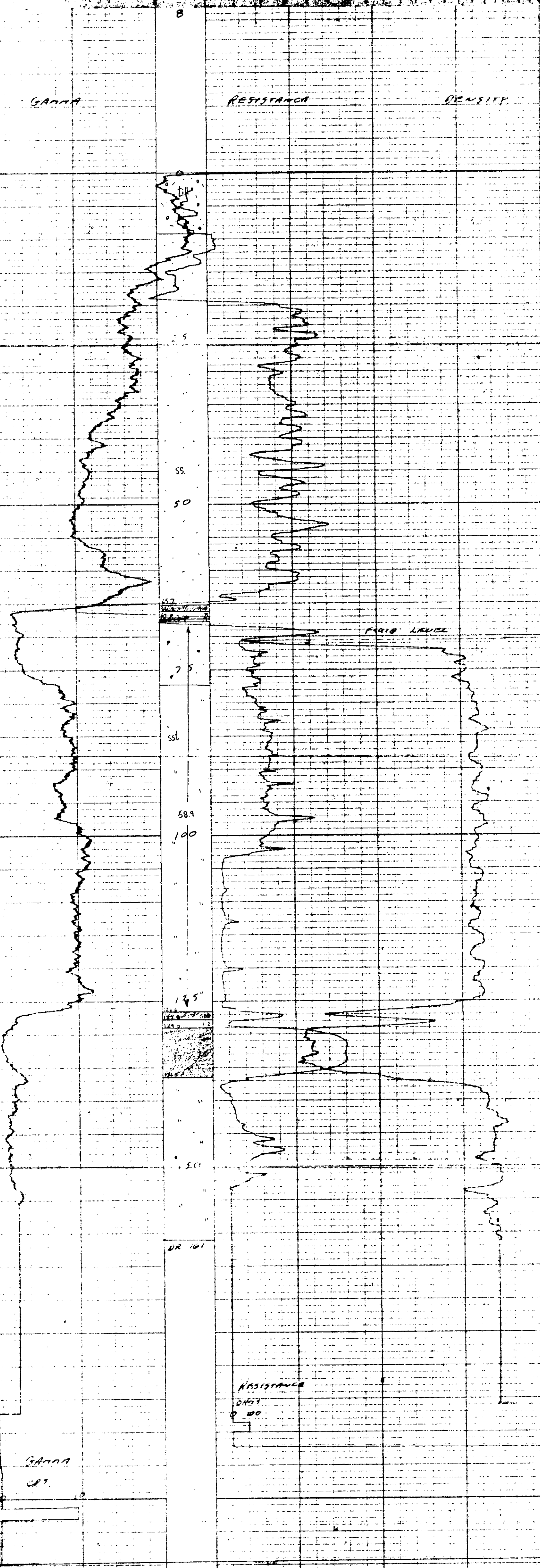
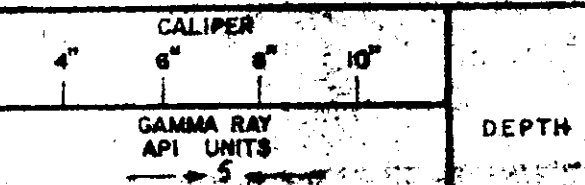
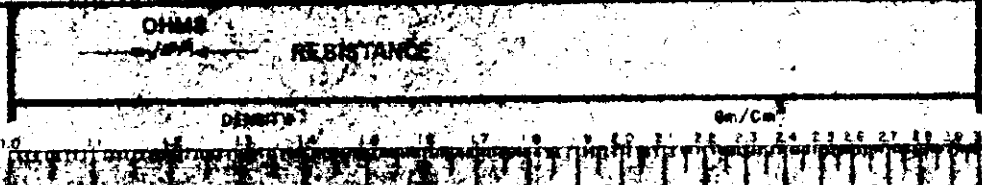
LOGGING DATA

GENERAL

NO. FROM TO SPEED T.C. SENS. ZERO API UNITS T.C. SENS. ZERO

REMARKS

*Drill Hole 010 not made with caliper*



GAMMA 87

78-9-C

**LEXCO TESTING LTD. GAMMA-DENSITY - RESISTANCE**

700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA.

HOLE CONDOR 04-28-9-C SURVEYED DATA

LOCATION 1750 47 SEC TP RGE W ELEV. 1183

AREA Quintan LOC. 40-05 1750' W

PROVINCE B.C.

RUN No. 15 DATE 15 Feb 78

DEPTH-DEN LER 180

DEPTH-LOGGER 6.5

FLUID LEVEL 0.842

LOGGING TIME 1.40

DRILLED BY A. KOPPEL

RECORDED BY L. HARRISON

WITNESSED BY S. CARO

BONE-HOLE RECORD

BIT FROM TO SIZE FROM TO

8 1/8 5 8 7 8

EQUIPMENT DATA

TOOL MODEL No. L-103 TOOL MODEL No. L-103 RESISTANCE DENSITY CALIPER

DIAMETER 2 1/8" DIAMETER 2 1/8" TYPE 2 1/8"

DETECTOR MODEL No. CF-816 SCINT SPACING 13"

LENGTH 3" LENGTH 1"

TRUCK No. 2 HOPE

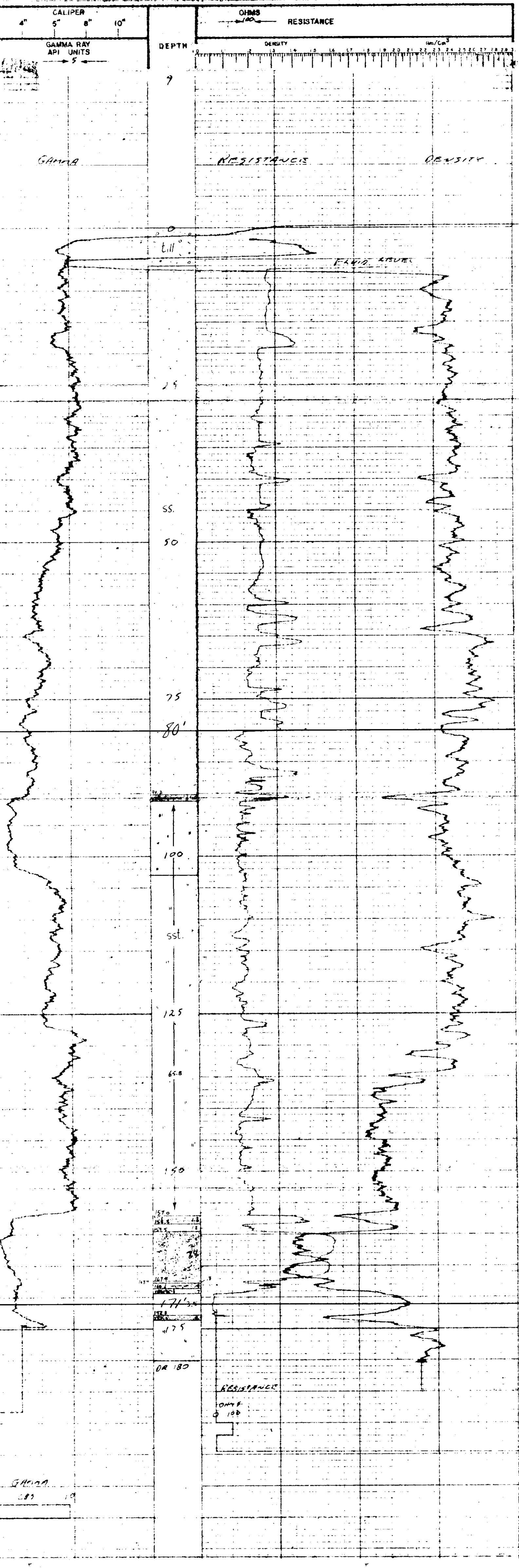
LOCATION Condor 04-28-9-C ISOTOPE CS-137

LOGGING DATA

GENERAL		GAMMA RAY		DENSITY	
API UNITS	PER DIV	T.C. SENS	ZERO	T.C. SENS	ZERO
5	1	170	5	170	5

GENERAL		GAMMA RAY		DENSITY	
DEPTH	SPEED	T.C. SENS	ZERO	T.C. SENS	ZERO
180	12	170	5	170	5

REMARKS:



GAMMA 180

78-10

**LEXCO TESTING LTD. GAMMA-DENSITY - RESISTANCE**

700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA.

HOLE *Drillhole 04-28-10* SURVEYED DATA

LOCATION *107450* ELEV. *1059'*

AREA *Quintan* PROV. *B.C.* **71210** OC. *108415 1485'14*

PROVINCE *B.C.*

DATE *16 Feb 78*

DEPTH - DRILLER *120*

DEPTH-LOGGER *120*

FLUID LEVEL *2.5*

LOGGING TIME *0.5 hr*

DRILLED BY *J. Chisholm*

RECORDED BY *L. Kirkman*

WITNESSED BY *S. Cameron*

BORE-HOLE RECORD

CASING RECORD

EQUIPMENT DATA

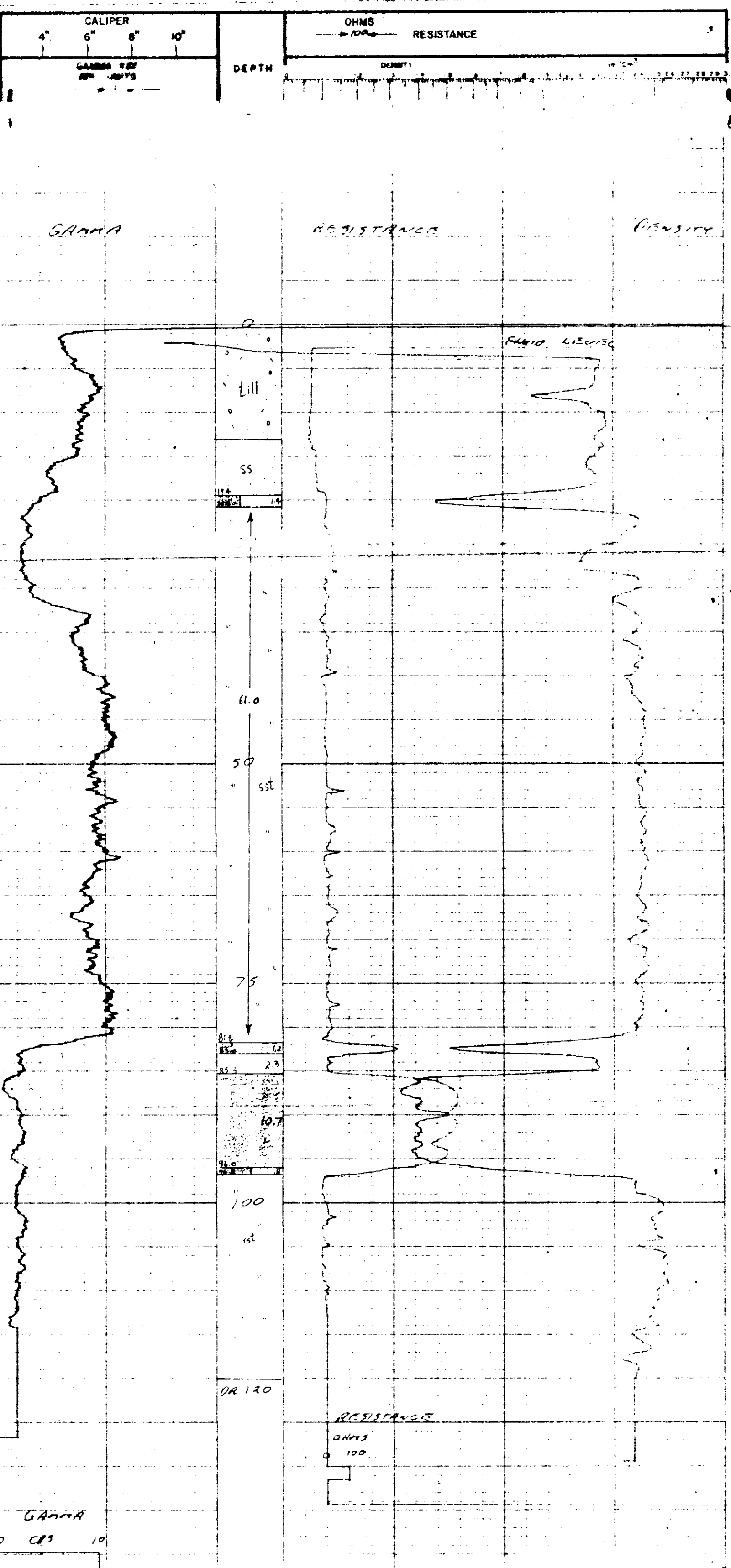
GAMMA RAY

TOOL MODEL No. *L-103* TOOL MODEL No. *L-103* RESISTANCE DENSITY CALIPER

DIAMETER *2 1/8"* DIAMETER *2 1/8"* ME *F*

DETECTOR MODEL No. *CP-516* TYPE *ME* SCINT *F*

TYPE *SCINT* SPACING *13"* LENGTH *3"*



GENERAL LOGGING DATA

RUN No.	DEPTHS FROM	TO	SPEED Fy/min	T.C. SEC	SENS SETTING	GAMMA RAY ZERO	API UNITS PER DIV.	T.C. SEC	SENS SETTINGS	DENSITY ZERO
1	0	12	4	100	5	1	1/4	3.5		

GAMMA 0 10



78-11

**LEXCO TESTING LTD. GAMMA-DENSITY - RESISTANCE**

700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA

HOLE *BRILLIANT 28-11* SURVEYED DATA

LOCATION *77+50* SEC *TP* RGE *W* ELEV. *110'*

AREA *ORINDA* LOC. *5145 1574*

PROVINCE *BC*

RUN NO. *2*

DATE *16 FEB 78*

DEPTH-DRILLER *180*

DEPTH-LOGGER *175*

FLUID LEVEL *80.5*

LOGGING TIME *0.5 hr*

DRILLER BY *H. HARRIS*

RECORDED BY *L. HARRIS*

WITNESSED BY *S. CHAPMAN*

BORE-HOLE RECORD

BIT FROM TO SIZE CASING RECORD FROM TO

*6 3/4 40 80 5 0 40*

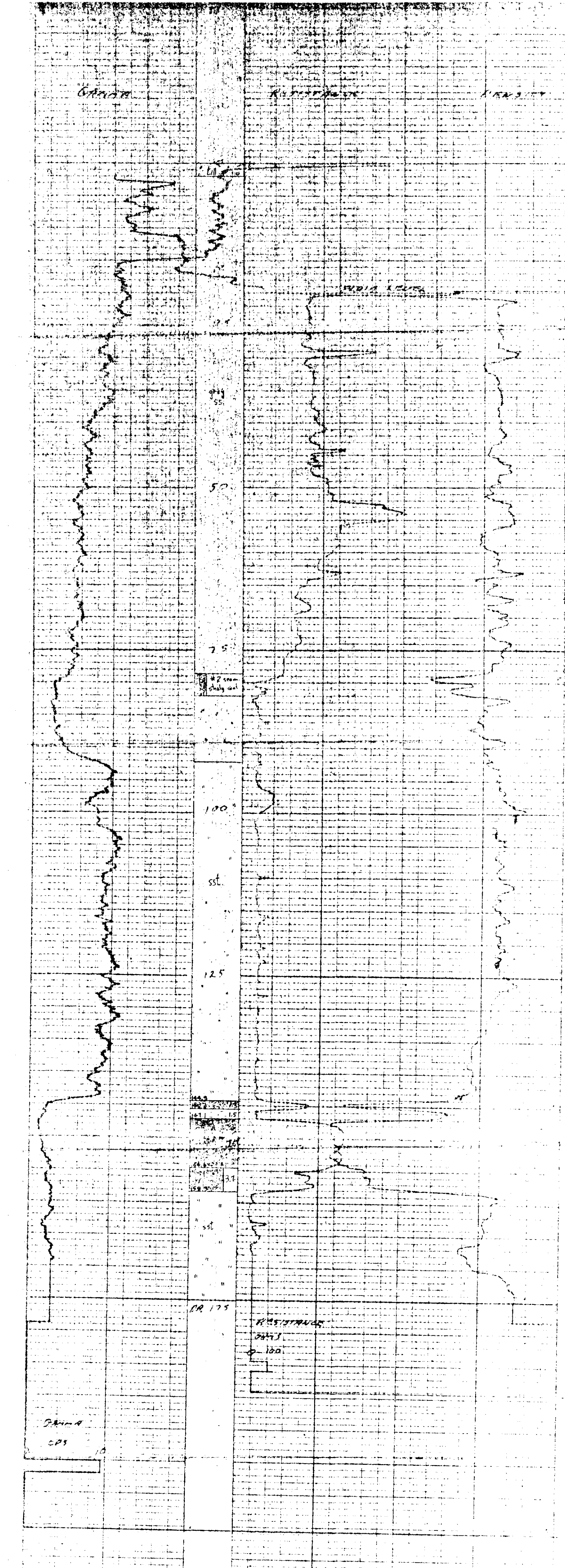
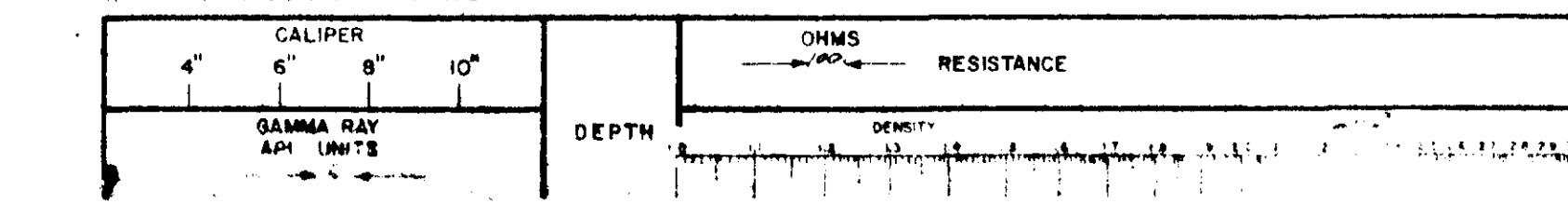
EQUIPMENT DATA

GAMMA RAY TOOL MODEL NO. L-103 DIAMETER L-103 RESISTANCE DENSITY CALIPER

TOOL DETECTOR MODEL NO. CR-516 TYPE WE F 2 1/8" 2 1/8"

TYPE SCINT SCINT SPACING LENGTH HOE SCALE HOE SOURCE MODEL HOVP

*3 1" 1000 CS-137*



GENERAL		GAMMA RAY		DENSITY	
TRUCK No.	LOCATION	ISOTOPE	STRENGTH	PER DIV	ZERO
<i>2</i>	<i>ORINDA</i>	<i>CS-137</i>	<i>125 m.c.</i>	<i>5</i>	<i>10</i>

GENERAL		GAMMA RAY		DENSITY	
DEPTH	SPEED	T.C.	ZERO	PER DIV	ZERO
<i>1</i>	<i>175</i>	<i>4</i>	<i>100</i>	<i>5</i>	<i>10</i>

78-12

**LEXCO TESTING LTD. GAMMA-DENSITY - RESISTANCE**

700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA.

HOLE Drillhole 09-78-12 SURVEYED DATA  
 LOCATION 97+50 SEC TP RGE W ELEV. 1105.3'  
 AREA Drumstick **71 (L12)** LOC. 91.44 128.44  
 PROVINCE A.C.

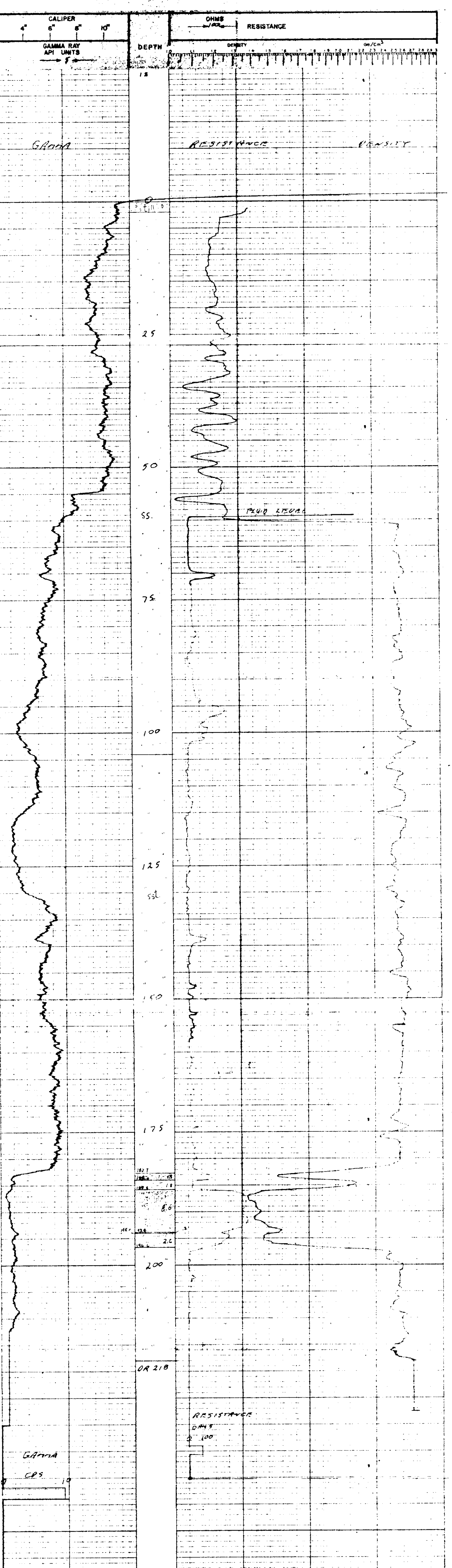
RUN NO. 17 MEAS. 78  
 DATE 2/20  
 DEPTH-DRILLER R20  
 DEPTH-LOGGER 218  
 FLUID LEVEL 59  
 LOGGING TIME 0.5 AM  
 CALLED BY H. GUNN  
 RECORDED BY C. HARRISON  
 WITNESSED BY S. BENTON

BORE-HOLE RECORD  
 BIT 6 1/4 TO 20 SIZE 5 FROM 0 TO 20  
 TO 20 FROM 0 TO 20

EQUIPMENT DATA  
 GAMMA RAY TOOL MODEL NO. L-103 DENSITY CALIPER  
 DIAMETER 2 1/8" DIAMETER 2 1/8"  
 DETECTOR MODEL NO. CR-518 TYPE F  
 TYPE SCINT SPACING 15"  
 LENGTH 3' HOR. SCALE 100'  
 TRACK No. 1 SOURCE MODEL HOVP  
 LOCATION Canada Oil Fields ISOTOPE CS-137  
 STRENGTH 125 mCi

GENERAL LOGGING DATA  
 SPEED T.C. SENS. ZERO API UNITS T.C. DENSITY  
 NO. FROM TO F/Min. SEC. SETTINGS PER DIV. SEC. SETTINGS ZERO  
 1 218 0 12 1/00 5 1 1/1 1/4

REMARKS:



78-13-c

**LEXCO TESTING LTD. GAMMA-DENSITY - RESISTANCE**

700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA.

HOLE *CONCRETE Qc-28-13-c* SURVEYED DATA

LOCATION *75+50* SEC *TP* RGE *W* ELEV. *1104*

AREA *Quincy* PROV. *BC* LOC. *3502 1332 H.*

DATE *17 Feb 79*

DEPTH-DRILLER *821*

DEPTH-LOGGER *818*

FLUID LEVEL *3 1/2*

LOGGING TIME *0.5 hr*

DRILLED BY *H. DODD*

RECORDED BY *L. HARRISON*

WITNESSED BY *S. GIBSON*

BIT *8 1/4* BORE-HOLE RECORD *70* CASING RECORD *70*

SIZE *7* FROM *0* TO *40*

EQUIPMENT DATA

GAMMA RAY TOOL MODEL NO. *L-105* RESISTANCE TOOL MODEL NO. *L-103* DENSITY TOOL MODEL NO. *L-103* CALIPER

DIAMETER *2 1/8* TYPE *2 1/8* ME *2 1/8*

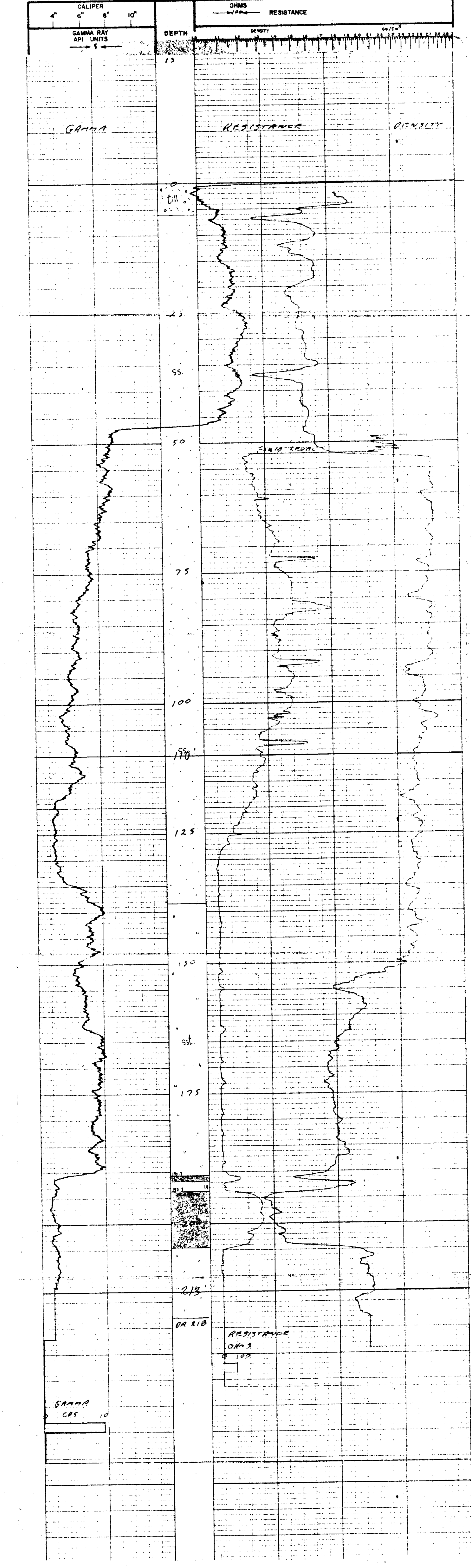
DETECTOR MODEL NO. *OF-416* TYPE *SCINT* SENSITIVITY *13"*

LENGTH *3* GENERAL *3* HOUR SCALE *100-4000*

TRUCK No. *2* SOURCE MODEL *CS-137* MOVIP

LOCATION *Conquest Road* ISOTOPE *CS-137* STRENGTH *125 m.c.*

GENERAL				GAMMA RAY				DENSITY			
RUN NO.	DEPTHS FROM	SPEED P/Min	T.C. SEC	SENS. PER DIV.	ZERO	API UNITS	T.C. SEC	SENS. PER DIV.	ZERO		
1	0	12	4	100	5	1	15	15	4.2		



GAMMA CBS 10

RESISTANCE OHMS 0 100

218' OR 218

ss.

75

50

25

15

GAMMA

RESISTANCE

DENSITY

FLUID LEVEL

till



712

78-14

**LEXCO TESTING LTD. GAMMA-DENSITY - RESISTANCE**

700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA.

HOLE *DRILLHOLE 04-78-14* SURVEYED DATA

LOCATION *730 45 SEC 18 RGE 10 W* ELEV. *1025'*

AREA *DAVIS 47* LOC. *5744 156 11*

PROVINCE *BC*

DATE *18 Feb 78*

DEPTH-DRILLER *440*

DEPTH-LOGGER *439*

FLUID LEVEL *18*

LOGGING TIME *0.5 hr*

WALLED BY *H. GARDNER*

PERFORMED BY *L. HARRISON*

WITNESSED BY *S. GARDNER*

BIT *5 1/8* SIZE *5*

FROM *10* TO *10*

RESISTANCE *10* CALIPER *10*

FROM *5* TO *10*

RESISTANCE *10* CALIPER *10*

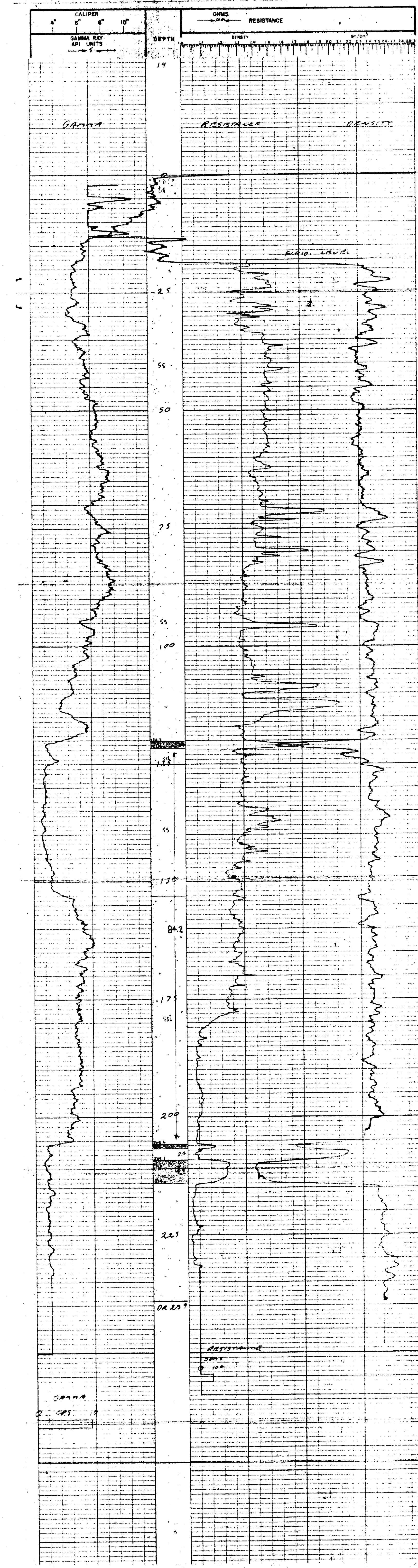
FROM *5* TO *10*

RESISTANCE *10* CALIPER *10*

FROM *5* TO *10*

RESISTANCE *10* CALIPER *10*

FROM *5* TO *10*



REMARKS:

GENERAL		GAMMA RAY		DENSITY		
DEPTH	SPEED	T.C.	SENS.	ZERO	API UNITS	
NO.	FROM	TO	F/Min	SEC.	PER DIV.	
1	439	0	12	4	100	5
1	439	0	12	4	100	5

GENERAL		GAMMA RAY		DENSITY	
TRUCK NO.	ISOTOPE	HOUR SCALE	SOURCE MODEL	CS-137	HGV'S
LOCATION	STRENGTH	ISOTOPIC	ISOTOPIC	ISOTOPIC	ISOTOPIC

EQUIPMENT DATA		RESISTANCE		DENSITY	
TOOL HOLES NO.	TOOL HOLES IN.	TOOL HOLES NO.	TOOL HOLES IN.	TOOL HOLES NO.	TOOL HOLES IN.
DIAMETER	DIAMETER	DIAMETER	DIAMETER	DIAMETER	DIAMETER

EQUIPMENT DATA		RESISTANCE		DENSITY	
TYPE	LENGTH	LENGTH	LENGTH	LENGTH	LENGTH
TYPE	LENGTH	LENGTH	LENGTH	LENGTH	LENGTH

EQUIPMENT DATA		RESISTANCE		DENSITY	
TYPE	LENGTH	LENGTH	LENGTH	LENGTH	LENGTH
TYPE	LENGTH	LENGTH	LENGTH	LENGTH	LENGTH

EQUIPMENT DATA		RESISTANCE		DENSITY	
TYPE	LENGTH	LENGTH	LENGTH	LENGTH	LENGTH
TYPE	LENGTH	LENGTH	LENGTH	LENGTH	LENGTH

EQUIPMENT DATA		RESISTANCE		DENSITY	
TYPE	LENGTH	LENGTH	LENGTH	LENGTH	LENGTH
TYPE	LENGTH	LENGTH	LENGTH	LENGTH	LENGTH

EQUIPMENT DATA		RESISTANCE		DENSITY	
TYPE	LENGTH	LENGTH	LENGTH	LENGTH	LENGTH
TYPE	LENGTH	LENGTH	LENGTH	LENGTH	LENGTH

EQUIPMENT DATA		RESISTANCE		DENSITY	
TYPE	LENGTH	LENGTH	LENGTH	LENGTH	LENGTH
TYPE	LENGTH	LENGTH	LENGTH	LENGTH	LENGTH

78-15

**LEXCO TESTING LTD. GAMMA-DENSITY - RESISTANCE**

700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA.

HOLE *Drill Hole 04-78-15* SURVEYED DATA

LOCATION *2800 St* SEC *TP* RGE *W* ELEV. *1083'*

AREA *Oilfield* **7115** *LOC. 95-15 2500/L*

PROVINCE *B.C.*

DATE *18 MAR 78*

DEPTH - DRILLER *60*

DEPTH - LOGGER *58*

FLUID LEVEL *0.5 M*

LOGGING TIME *0.5 M*

DRILLED BY *H. H. HARRIS*

RECORDED BY *L. HARRIS*

WITNESSED BY *S. HARRIS*

BONEHOLE RECORD

GASING RECORD

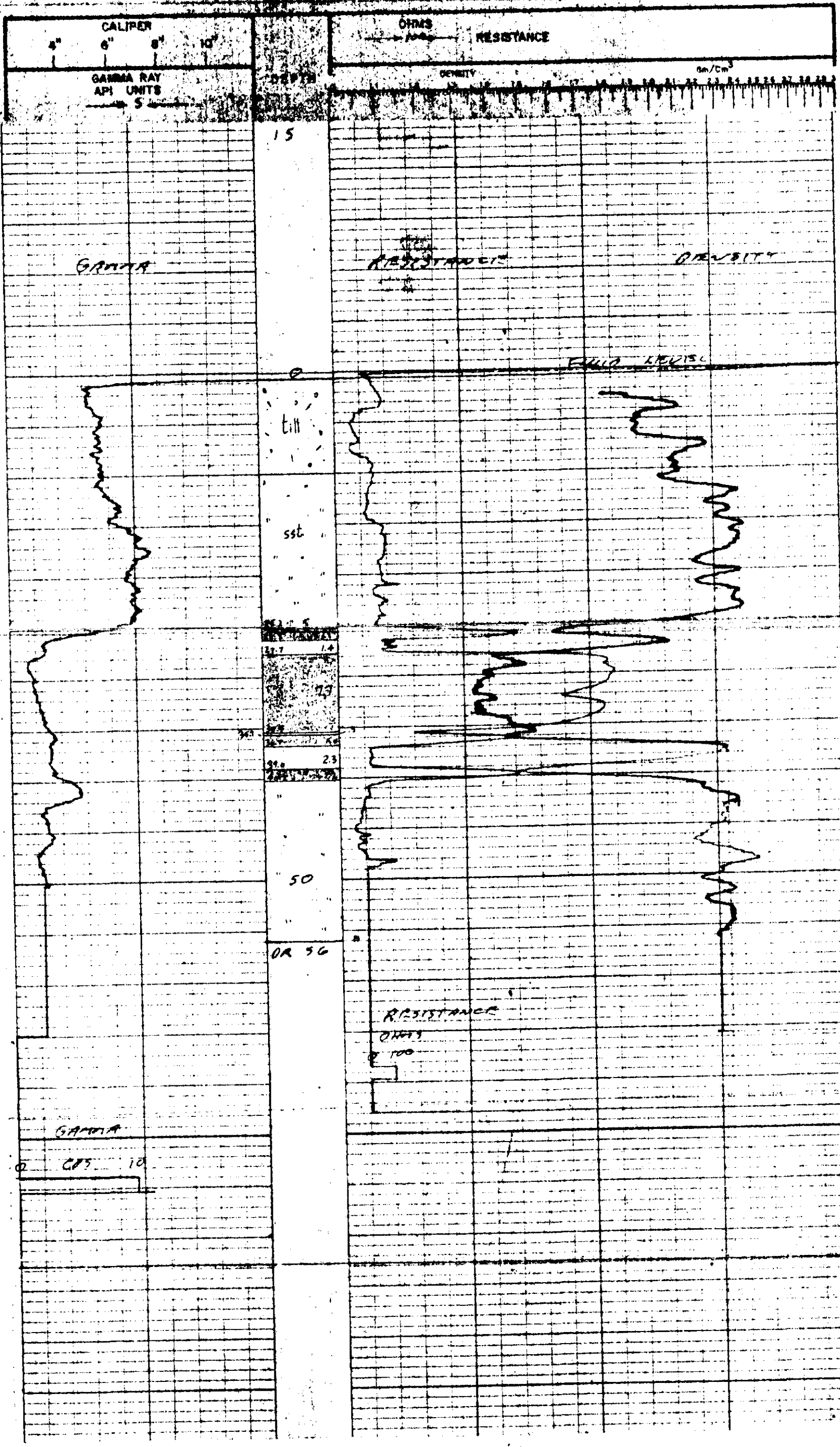
EQUIPMENT DATA

GAMMA RAY

RESISTANCE

DENSITY

REMARKS





DR

78-10-2

LEXCO TESTING LTD. GAMMA-DENSITY - RESISTANCE

100 ROYAL TRUST TOWER, EDMONTON, CANADA, EDMONTON, ALBERTA

HOLE NO. 78-10-2

DATE 10/1/54

LOCATION 78-10-2

WELL NO. 78-10-2

WELL DEPTH 229'

WELL TYPE 78-10-2

WELL STATUS 78-10-2

WELL OWNER 78-10-2

WELL OPERATOR 78-10-2

WELL SURVEYOR 78-10-2

WELL LOGGERS 78-10-2

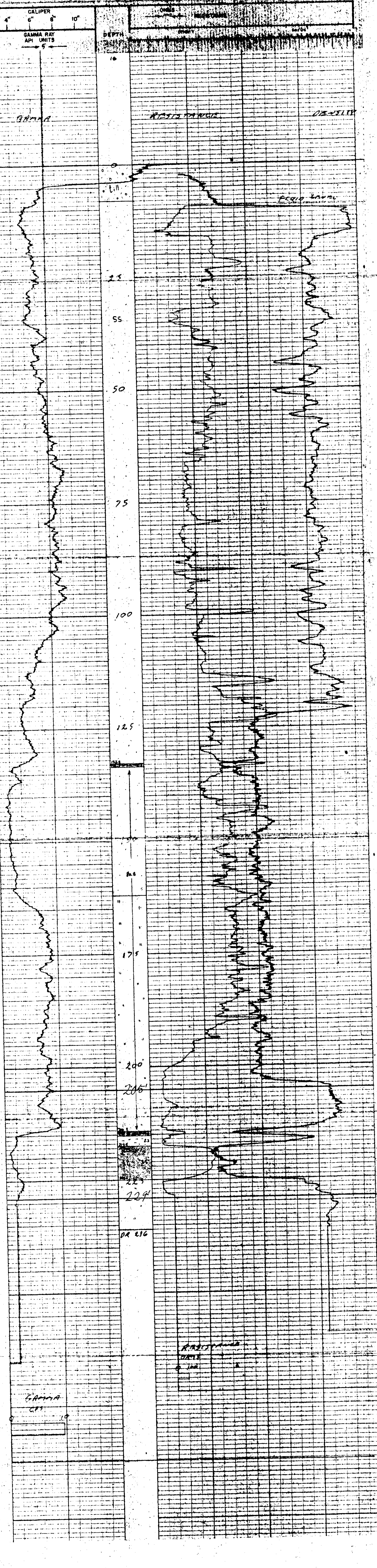
WELL LOG NO. 78-10-2

WELL LOG DATE 78-10-2

WELL LOG TIME 78-10-2

WELL LOG PAGE 78-10-2

78-10-2



GENE RAIL	SPEED	T.C. SEVS	ZERO	API UNITS	T.C. SEVS	ZERO
NO.	DEFINITION <td>PER DIV <td>SETTING <td>PER DIV <td>SETTING <td>SETTING </td></td></td></td></td>	PER DIV <td>SETTING <td>PER DIV <td>SETTING <td>SETTING </td></td></td></td>	SETTING <td>PER DIV <td>SETTING <td>SETTING </td></td></td>	PER DIV <td>SETTING <td>SETTING </td></td>	SETTING <td>SETTING </td>	SETTING
1	1/2	4	100	5	1	1/2
2	1/2	4	100	5	1	1/2

TRUCK NO.	GENERAL	NO. OF	SCIENCE	NOVAP
1	1	1	1	1
2	1	1	1	1

LOGGING DATA	LOGGING DATA	LOGGING DATA
LOGGING DATA	LOGGING DATA	LOGGING DATA
LOGGING DATA	LOGGING DATA	LOGGING DATA

DEPTH	RESISTANCE	GAMMA
0		
25		
50		
75		
100		
125		
150		
175		
200		
206'		
225		
229'		

RESISTANCE UNITS

GAMMA RAY API UNITS

DEPTH

100

200

206'

225

229'

DR 216



**LEXCO TESTING LTD. GAMMA-DENSITY - RESISTANCE**

700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA

HOLE *Drillers GY-28-18* SURVEYED DATA

LOCATION *2150 ST SEC 17 RGE W* ELEV. *1091*

AREA *Quarry* LOC. *47-50-2254 LT*

PROVINCE *BC*

DATE *17 May 70*

LOGGERS *W. J. ...*

RECORDED BY *...*

REVIEWED BY *...*

EQUIPMENT DATA

RESISTANCE

DENSITY

DEPTH

18

50

DR 47

RESISTANCE

DENSITY

DEPTH

6" 8" 10"

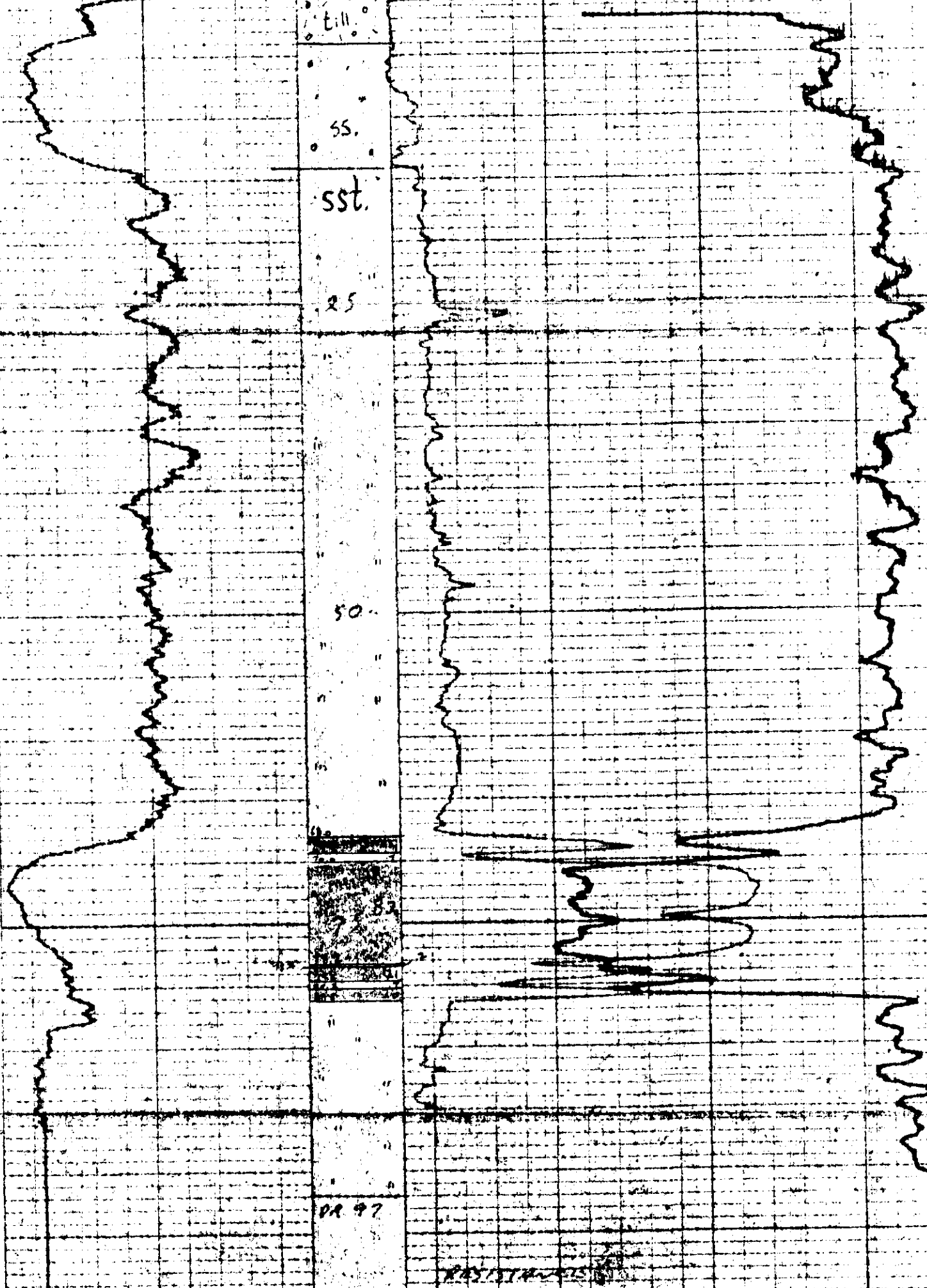
GAMMA RAY API UNITS

GAMMA

RESISTANCE DENSITY

FLUID LEVEL

till.  
ss.  
sst.  
25  
50



GAMMA RAY API UNITS

RESISTANCE

DR 47

GAMMA RAY API UNITS

RESISTANCE

DR 47

GAMMA RAY API UNITS

RESISTANCE

DR 47

**LEXCO TESTING LTD. GAMMA-DENSITY - RESISTANCE**

700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA

HOLE DRILLHOLE - QU-78-19 SURVEYED DATA

LOCATION 87+50 SEC TP RGE W ELEV. 1083'

AREA QUINSMAN LOC. 87+56 249' E

PROVINCE B.C.

RUN NO. 1 DATE Feb. 28/76

DEPTH-DRILLER L-103 DEPTH-LOGGER 59

FLUID LEVEL 59 LOGGING TIME .5hr

DRILLED BY H. WILCETT RECORDED BY D. DUNBAR

WITNESSED BY S. GARDNER

BIT 6 3/4" FROM 0 TO 19' SIZE 5" FROM 0 TO 10'

4 1/2" 10' T.D.

EQUIPMENT DATA

GAMMA RAY TOOL MODEL No. L-103 RESISTANCE TOOL MODEL No. L-103 DENSITY TOOL MODEL No. L-103 CALIPER

DIAMETER 2 1/8" DETECTOR MODEL No. GP-516 TYPE ME F

TYPE SCINT SPACING 18" LENGTH 3"

TRUCK No. 2 GENERAL Campbell Miller HOR. SCALE 400' / Div MOVP CS-137

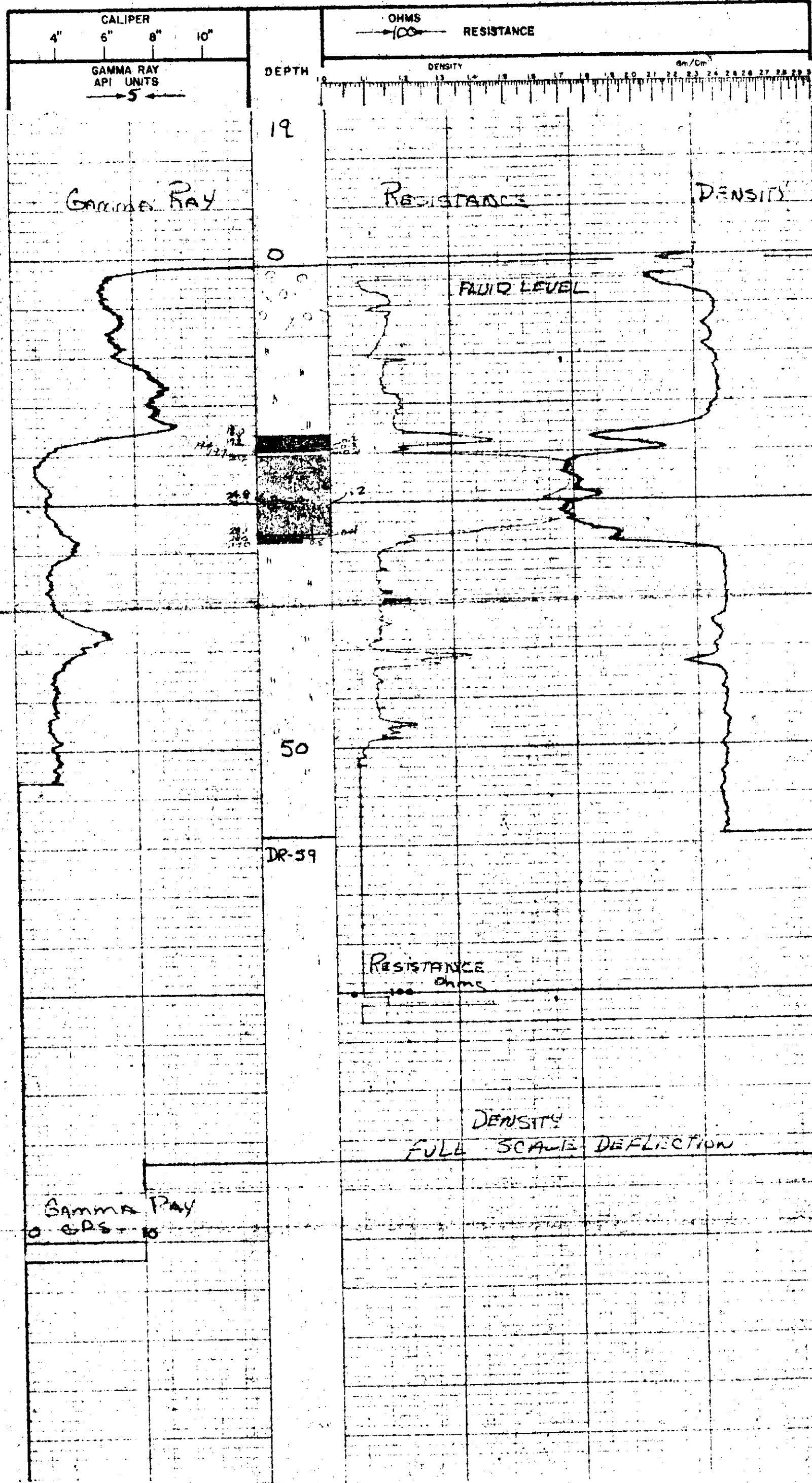
LOCATION Campbell Miller ISOTOPE 125 m.c. STRENGTH

LOGGING DATA

GENERAL

RUN NO.	DEPTHS FROM	DEPTHS TO	SPEED F/Min	T.C. SEC	SENS. SETTING	ZERO	API UNITS PER DIV	T.C. SEC	SENS. SETTING	ZERO
1	59	0	12	4	100		5	1	1K	SL

REMARKS:



M 78-19

78-20

**LEXCO TESTING LTD. GAMMA-DENSITY-RESISTANCE**

700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA

HOLE Drillhole - QD-78-20 SURVEYED DATA

LOCATION 7150<sup>th</sup> SEC. TP. RGE. W. ELEV. 1104'

AREA QUINSMAN LOC. 7745<sup>th</sup> 12532<sup>nd</sup> T

PROVINCE BC

RUN No. 7119

DATE March 1/78

DEPTH - DRILLER 230

DEPTH - LOGGER 237

FLUID LEVEL 231

LOGGING TIME 5h.

DRILLED BY H. J. J. J.

RECORDED BY D. D. D. D.

WITNESSED BY S. S. S. S.

BIT 6 1/2" BORE-HOLE RECORD 20' Casing Record 20'

TOOL MODEL No. L-103 TOOL MODEL No. L-103 RESISTANCE DENSITY GALPERS

DIAMETER 2 1/8" DIAMETER 2 1/8" ME 13"

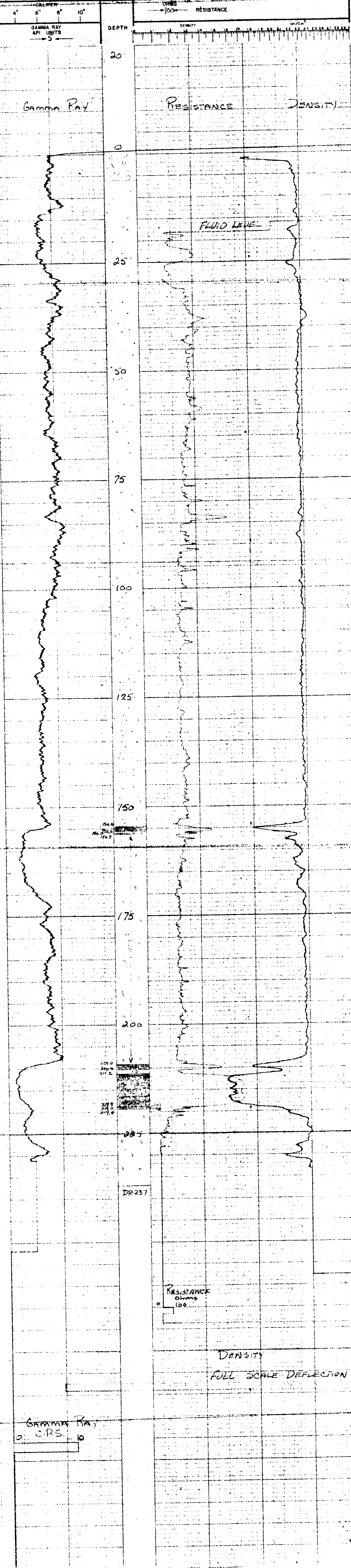
DETECTOR MODEL No. CS-516 SCINT 3 SENSING LENGTH 1"

TRUCK No. 2 HOV SCALE 100#/240# HOV P CS-137

LOCATION Creswell/Kiefer ISOTOPE STRENGTH 125 MC

GENERAL		GAMMA RAY		DENSITY		ZERO	
RUN No.	DEPTH	SPEED	T.C.	SENS.	ZENCG.	API UNITS	SEC. SETTINGS
1	FROM	TO	F/Min	4	100	5	1K
237	0	12	4	100		5	1K
							5L

REMARKS:





78-22

LEXCO TESTING LTD. GAMMA-DENSITY-RESISTANCE

700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA

HOLE DRILLHOLE QU 78 22 SURVEYED DATA

LOCATION 77+30 LT. SEC. 13 T1P. RGE. W. ELEV. 1132'

AREA QUINSMAN 71220

PROVINCE BC

DATE MARCH 2, 1978

LOGGING TIME 3:00

DRILLED BY L. DUNCAN

BORE-HOLE RECORD

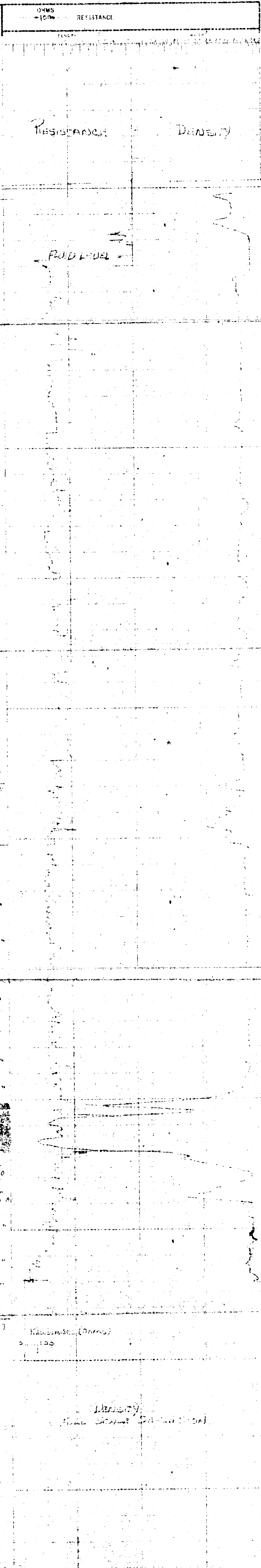
BIT 6 3/4" SURF 90'

GENERAL

TOOL MODEL NO. 1.103

GENERAL

REMARKS



DEPTH

RESISTANCE

DENSITY

Gamma Ray

grey ss

carb sh

sst

175

185

90

200

De-211

Resistance (ohms)

Density

Gamma Ray

CRS



M 78-23

**LEXCO TESTING LTD. GAMMA-DENSITY - RESISTANCE**

700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA

HOLE: **DRILLHOLE QU-78-23** SURVEYED DATA  
 LOCATION: **1750' FT SEG 7P RGE W** ELEV: **1140**

AREA: **QUIN SAND** EST. DATE: **1978-09-17**

PROVINCE: **B.C.** 71 (22)

DATE: **MARCH 5 1978**  
 DEPTH - DRILLER: **200'**  
 DEPTH - LOGGER: **196'**  
 LOGGING TIME: **5:56**

DRILLED BY: **H. HARRIST**  
 RECORDED BY: **D. DUNBAR**  
 WITNESSED BY: **A. GARDNER**

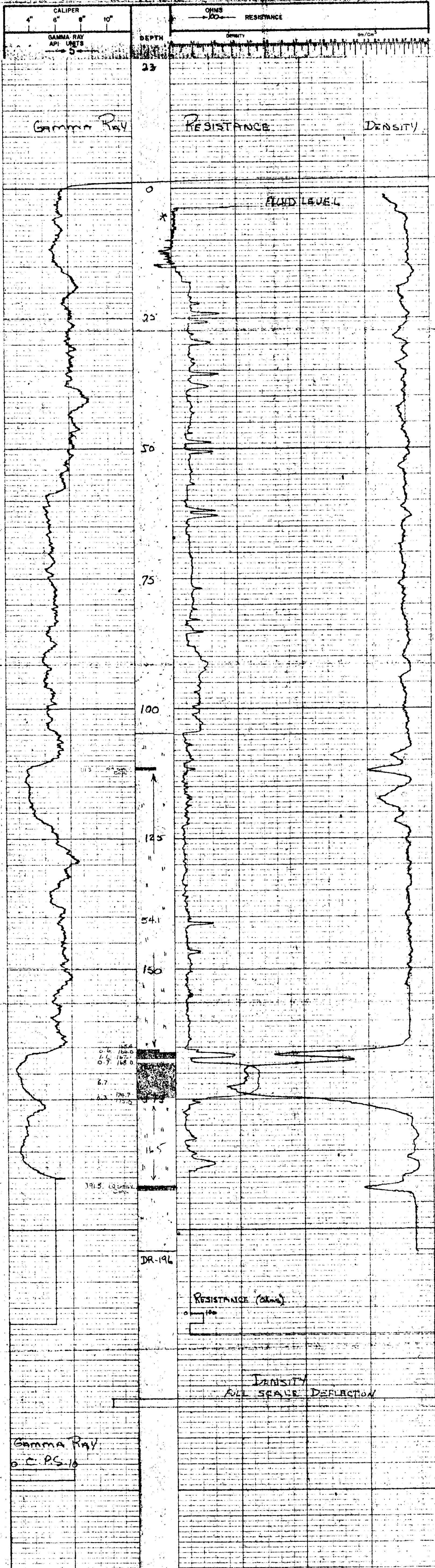
BIT: **5 1/2" FROM** TO: **5 1/2" FROM**  
 BIT: **5 1/2" FROM** TO: **5 1/2" FROM**  
 BIT: **5 1/2" FROM** TO: **5 1/2" FROM**

EQUIPMENT DATA  
 CALIPER: **L-105** RESISTANCE: **L-105** DENSITY: **L-105**  
 CALIPER: **L-105** RESISTANCE: **L-105** DENSITY: **L-105**

GENERAL: **QUIN SAND**  
 TRUCK NO: **2** HOPE SCALE: **HOPE**  
 LOCATION: **Campbell RIVER** HOPE MODEL: **GS-137**

GENERAL	SPEED	T.C.	SENS	ZERO	API UNITS	T.C.	SENS	ZERO
NO	FROM	TO	F/V/M	SEC	PER DN	SEC	SETTINGS	
1	196'	0	12	4	100	5	1	10

REMARKS: **RESISTANCE ELECTRODE TOUCHED**  
**CASING**



Gamma Ray  
 O.C.P.S. 10



78-24

**LEXCO TESTING LTD. GAMMA-DENSITY - RESISTANCE**

700 ROYAL TRUST TOWER, EDUCATION CENTRE, EDMONTON, ALBERTA.

HOLE **DRILLHOLE QU 78-24** SURVEYED DATA

LOCATION **235057 SEC TP RGE W** ELEV. **1121**

AREA **Quipsum** LOC. **82498-21661T**

PROVINCE **P.C.**

DATE **MARCH 11/78**

DEPT. **DRILLER**

LOGGERS **W. J. ...**

RECORDED BY **H. J. ...**

WIRE-LOG RECORD

EQUIPMENT DATA

RESISTANCE DENSITY CALIBER

LOG NO. **100** LOG NO. **100**

LOG DATE **2/78** LOG DATE **2/78**

LOG TIME **11:00** LOG TIME **11:00**

LOG TYPE **LOG** LOG TYPE **LOG**

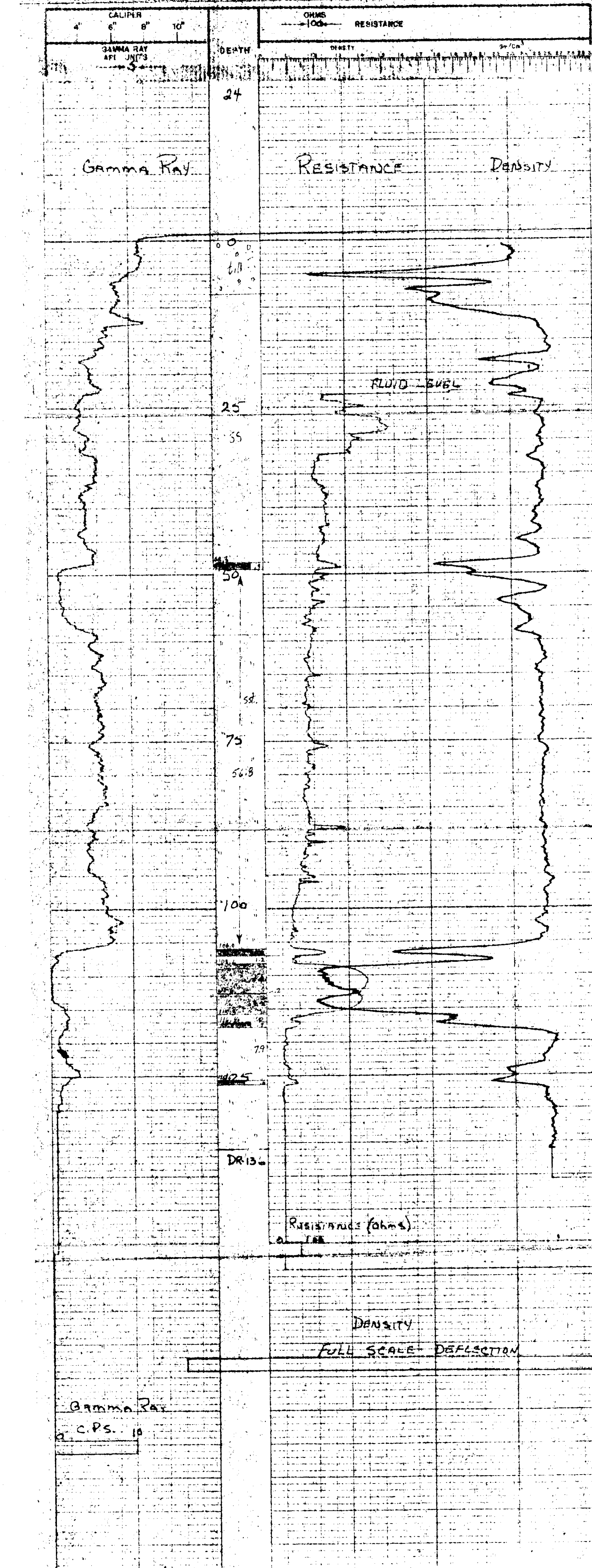
LOG SCALE **LOG SCALE**

LOG STRONG **LOG STRONG**

LOG WEAK **LOG WEAK**

LOG REMARKS

LOG NO. **1**



Gamma Ray  
C.P.S. 10

Resistance (ohms)

DENSITY  
FULL SCALE DEFLECTION

M 78-26

**LEXCO TESTING LTD. GAMMA-DENSITY - RESISTANCE**

700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA

HOLE DRILLHOLE QU-78-26 SURVEYED DATA

LOCATION 1000 LI SEC TP RGE W ELEV. 1094

AREA QUINSMAN 2471 LOC 31-50-92-15

PROVINCE B.C. 2

DATE MARCH 5/78

DEPTH-DRILLER 250

DEPTH-LOGGER 250

FLUID LEVEL 21.5

LOGGING TIME 5

SOILED BY H. DUNCAN

RECORDED BY S. DUNBAR

WITNESSED BY S. GARDNER

BORE-HOLE RECORD TO

BIT 4 1/2" SURF 9' I.D. 5 1/2" SURF 9'

EQUIPMENT DATA

GAMMA RAY TOOL MODEL NO. L-103 TOOL MODEL NO. L-103

DIAMETER 2 1/8" DIAMETER 2 1/8"

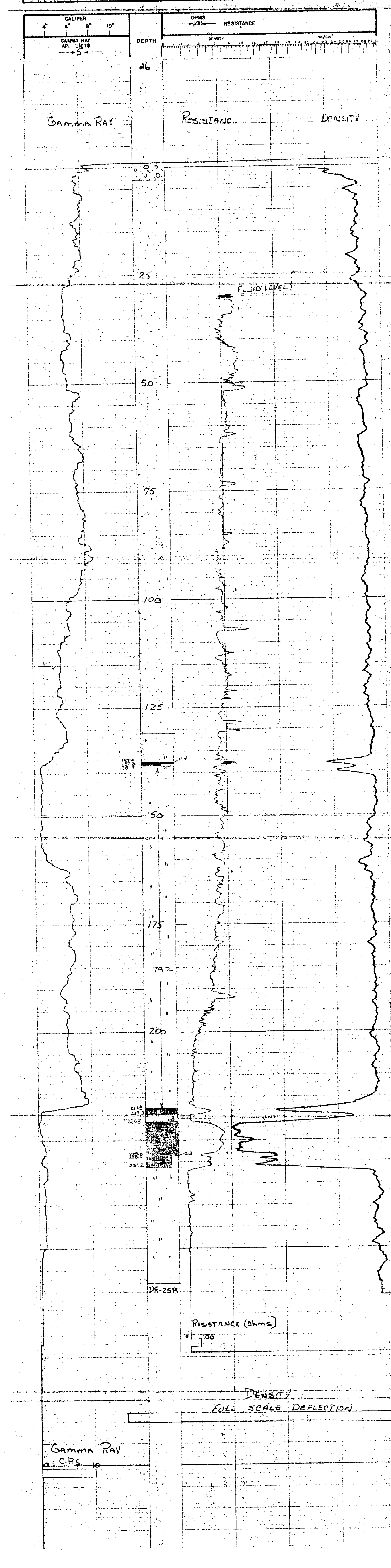
DETECTOR MODEL NO. CP-316 TYPE ME

GENERAL TRUCK No. 2 SQUIPPE MODEL 100 S.I.D. MOVP

LOCATION CAMPBELL KUBER LOGGING DATA CS-137 ISOC

GENERAL		GAMMA RAY		DENSITY	
RUN NO.	DEPTHS TO FROM	SPEED P/min	T.C. SEC	SENS ZERO	API UNITS PER DIV.
1	0	12	4	100	5

REMARKS





78-27

**LEXCO TESTING LTD. GAMMA-DENSITY - RESISTANCE**

700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA

HOLE CORE-HOLE QU-78-27 SURVEYED DATA

LOCATION 225077 SEC 17 RGE W ELEV. 1118'

AREA Quinsam BC L25-71 LOC 225077

PROVINCE BC

DATE MARCH 6/78

DEPTH-DRILLER 237'

DEPTH-LOGGER 237'

FLUID LEVEL 8.5'

LOGGING TIME 5 hr Total

DELETED BY R. Logan

RECORDED BY D. Dunlop

WITNESSED BY S. GARONER

BORE-HOLE RECORD

BIT FROM SURF TO SURF 7' 7"

SIZE FROM 8 1/2" SURF TO 7"

EQUIPMENT DATA

GAMMA RAY L-103 TOOL MODEL NO. L-103

DIAMETER 2 1/8" DIAMETER 2 1/8"

DETECTOR MODEL NO. CP-516 TYPE F

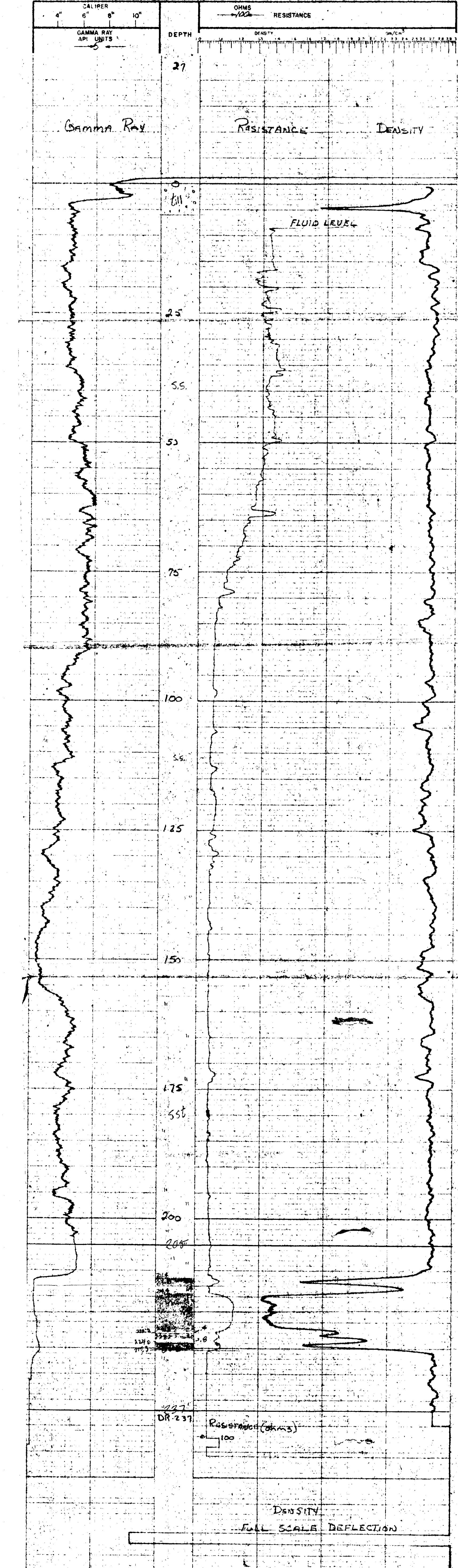
SCINT SCINT SCINT SCINT SCINT SCINT

TYPE SCINT SCINT SCINT SCINT SCINT SCINT

LENGTH 3' 3' 3' 3' 3' 3'

TRUCK No. 2

LOCATION CAMPBELL RIVER



REMARKS:

GENERAL	GAMMA RAY	RESISTANCE	DENSITY
RAW DEPTHS	TC SENS ZERO	API UNITS PER DIV	TC SENS ZERO
NO. FROM TO	TC SENS ZERO	PER DIV	TC SENS ZERO
1 237	TC SENS ZERO	5	TC SENS ZERO
0 12	TC SENS ZERO	1	TC SENS ZERO
4 100	TC SENS ZERO	1	TC SENS ZERO



M 78-25

**LEXCO TESTING LTD. GAMMA-DENSITY - RESISTANCE**

700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA.

HOLE Drill Hole QU-78-28 SURVEYED DATA

LOCATION 7250 ft SEC. TP RSE W ELEV. 1025

AREA Quinsam LOC 246 1272

PROVINCE 3 C (2671)

RUN No. 2

DATE March 7/78

DEPTH-DRILLER 180' 173'

DEPTH-LOGGER 4' 8' 1/2'

FLUID LEVEL 5 ft total

LOGGING TIME H. Jurecki

DRILLED BY D. Dunbar

RECORDED BY S. Caspaler

WITNESSED BY S. Caspaler

BIT 6 3/4" Surf CASING RECORD 9' TO

BORE-HOLE RECORD 4 1/2" 9' T.D. SIZE 5 1/2" Surf FROM 9' TO 9'

EQUIPMENT DATA

GAMMA RAY TOOL MODEL No. L-103 RESISTANCE TOOL MODEL No. L-103 DENSITY TOOL MODEL No. L-103 CALIPER

DIAMETER 2 1/8" DIAMETER 2 1/8" TYPE 2 1/8" ME F

DETECTOR MODEL No. CP-516 SCINT 13" LENGTH 3"

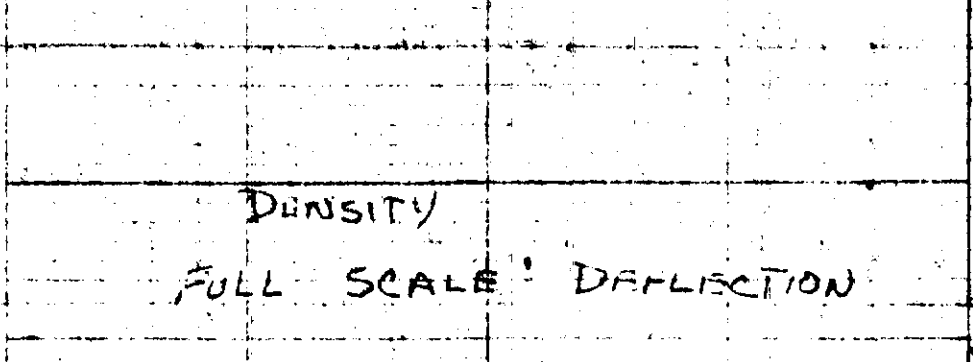
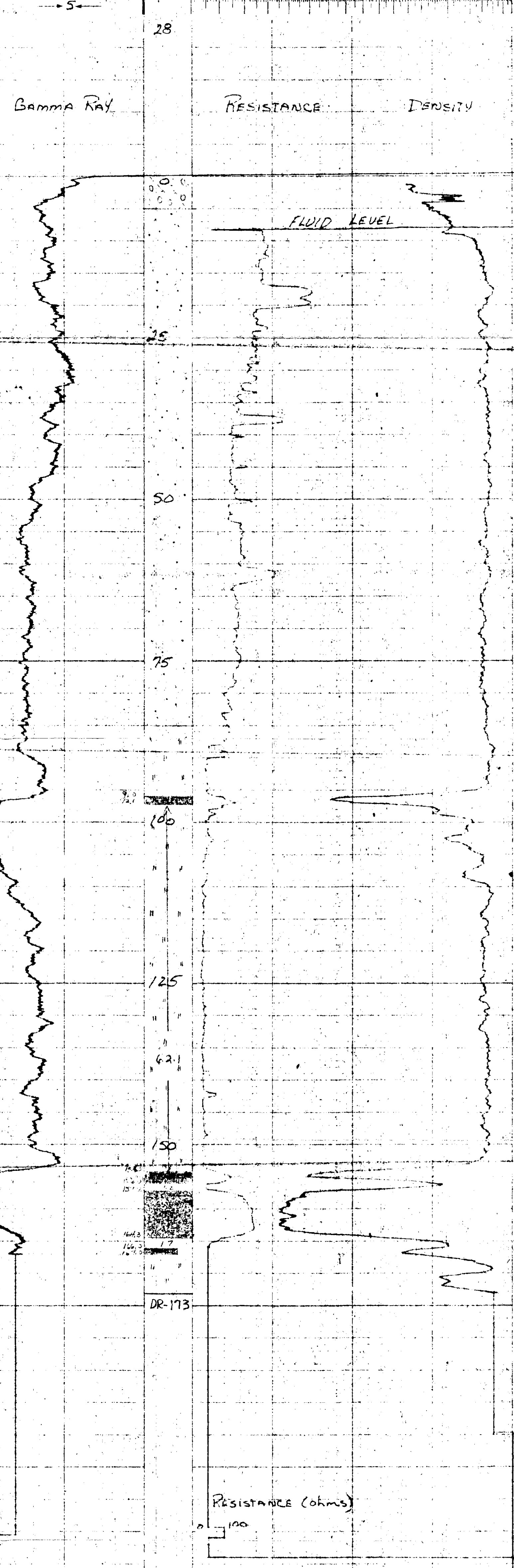
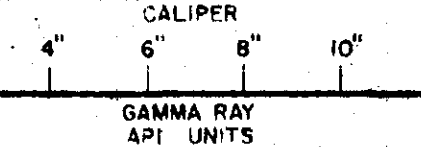
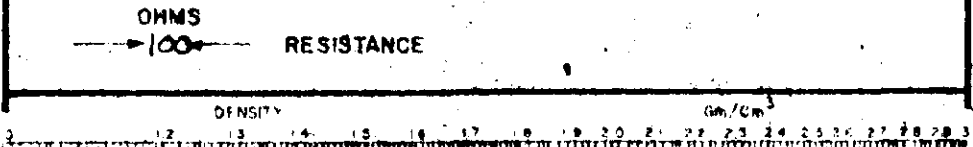
GENERAL TRUCK No. 2 HOR SCALE 100 ST/LIN HOVP

LOCATION Amabel ISOTOPE CS-137 CS-137

GENERAL LOGGING DATA

RUN No.	DEPTHS FROM	SPEED	T.C. SEC.	SENS. PER DN	GAMMA RAY API UNITS	T.C. SEC.	SENS. PER DN	DENSITY ZERO
1	173'	0	14	4	199	5	1	1K

REMARKS



Gamma Ray  
0 C.P.S. 10







78-31

**LEXCO TESTING LTD. GAMMA-DENSITY - RESISTANCE**

700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA

HOLE COREHOLE QU-78 31 SURVEYED DATA

LOCATION 1500 LI SEC TP RGE W ELEV. 1040

AREA QUIN SAM LOC. 7496-10667

PROVINCE B.C. (29) **71**

RUN NO. 2

DATE MARCH 8/78

DEPTH-DRILLER 200'

DEPTH-LOSSER 199'

FLUID LEVEL 2'

LOGGING TIME 5 hr total

DRILLED BY R. Logan

RECORDED BY D. Logan

WITNESSED BY S. Gardner

BORE-HOLE RECORD

BIT FROM TO SIZE CASING RECORD

1 1/4" SURF 8" SURF 8"

5/8" 158' 1 1/2" SURF 8"

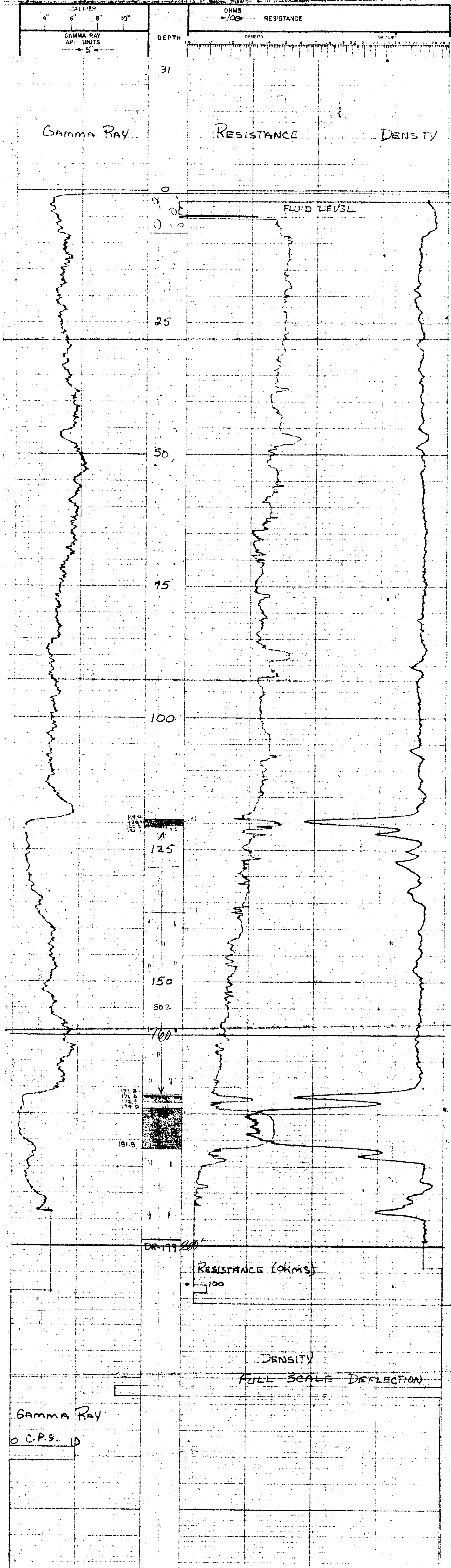
GENERAL

TRUCK No. 2

LOCATION Campeau

LOGGING DATA

REMARKS



CALIPER 4" 6" 8" 10"  
GAMMA RAY AP. UNITS  
5"

OHMS RESISTANCE  
100

DEPTH DENSITY gm/cc

GAMMA RAY RESISTANCE DENSITY

FLUID LEVEL

RESISTANCE (ohms)

DENSITY FULL SCALE DEFLECTION

GAMMA RAY  
0 C.P.S. D

**LEXCO TESTING LTD. GAMMA DENSITY - RESISTANCE**

700 ROYAL TRUST TOWER, EDMONTON CENTRE EDMONTON, ALBERTA

HOLE DRILL HOLE QU-78-33 SURVEYED DATA

LOCATION 2250' SEC TP RGE W ELEV 974

AREA QUINSON 71 LOC. 6710-1255' LT

PROVINCE 3 (230)

DATE MARCH 15 1978

DEPTH - GRINDER 14.5

DEPTH - LOGGERS 14.2

LOGGING TIME 5.15

LOGGED BY H. J. JACOBSON

PERFORMED BY P. DUMAS

WITNESSED BY S. GARDNER

BIT 6 7/8" SURF TD

STANDARD RAY LOR TOTAL WORK NO. 1-103 L-103

DIAMETER 2 1/8" TYPE CP-316 ME 2 1/8"

DETECTOR MODEL NO. 3000

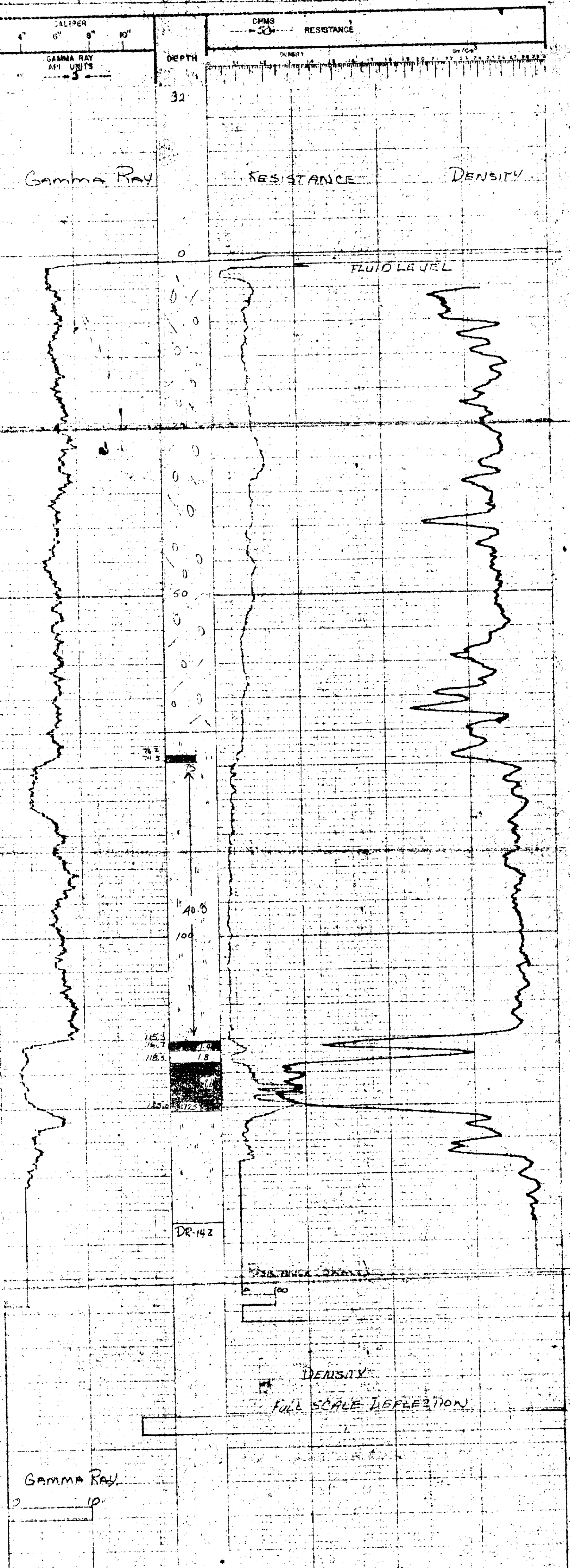
TRUCK No. 2

LOCATION 2250' SEC TP RGE W

REMARKS

96

78-33



Gamma Ray

RESISTANCE

DENSITY

FLUID LEVEL

DENSITY FULL SCALE DEFLECTION

Gamma Ray

DR-142

2250' SEC TP RGE W

115.7  
116.7  
118.3  
125.0

40.0  
100

75

60

50

40

30

20

10

0

CALIPER  
4" 6" 8" 10"

GAMMA RAY  
API UNITS

CMMS  
RESISTANCE

DENSITY gm/cc

DEPTH

32

0

10

20

30

40

50

60

70

80

90

100

110

120

130

140

150

160

170

180

190

200

210

220

230

240

250

260

270

280

290

300

310

320

330

340

350

360

370

380

390

400

410

420

430

440

450

460

470

480

490

500

510

520

530

540

550

560

570

580

590

600

610

620

630

640

650

660

670

680

690

700

710

720

730

740

750

760

770

780

790

800

810

820

830

840

850

860

870

880

890

900

910

920

930

940

950

960

970

980

990

1000

1010

1020

1030

1040

1050

1060

1070

1080

1090

1100

1110

1120

1130

1140

1150

1160

1170

1180

1190

1200

1210

1220

1230

1240

1250

1260

1270

1280

1290

1300

1310

1320

1330

1340

1350

1360

1370

1380

1390

1400

1410

1420

1430

1440

1450

1460

1470

1480

1490

1500

1510

1520

1530

1540

1550

1560

1570

1580

1590

1600

1610

1620

1630

1640

1650

1660

1670

1680

1690

1700

1710

1720

1730

1740

1750

1760

1770

1780

1790

1800

1810

1820

1830

1840

1850

1860

1870

1880

1890

1900

1910

1920

1930

1940

1950

1960

1970

1980

1990

2000

2010

2020

2030

2040

2050

2060

2070

2080

2090

2100

2110

2120

2130

2140

2150

2160

2170

2180

2190

2200

2210

2220

2230

2240

2250

2260

2270

2280

2290

2300

2310

2320

2330

2340

2350

2360

2370

M  
78-34

**LEXCO TESTING LTD. GAMMA-DENSITY - RESISTANCE**

780 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON ALBERTA

HOLE DRILLHOLE QU-78-34 SURVEYED DATA

LOCATION 590 FT SEC TP PGE W ELEV 974

AREA QUINSEPP B.C. (231) 71. LOC T40K-562

PROVINCE B.C. (231) 71.

DATE MARCH 16/78

DEPTH-DRILLER 200' 198'

DEPTH-LOGGER 198'

FLUID LEVEL 51.9'

LOGGING TIME 5.5 HRS

DRILLED BY H. JUNGERT

RECORDED BY D. DUNBAR

WITNESSED BY S. GARDNER

ROBE-HOLE RECORD

BY A/S SURF TO 9' FROM 5 1/2" SURF 9'

4 1/2" 9' T.D.

EQUIPMENT DATA

GAMMA RAY TOOL MODEL No. L-103 RESISTANCE TOOL MODEL No. L-103 DENSITY TOOL MODEL No. L-103 CALIPER

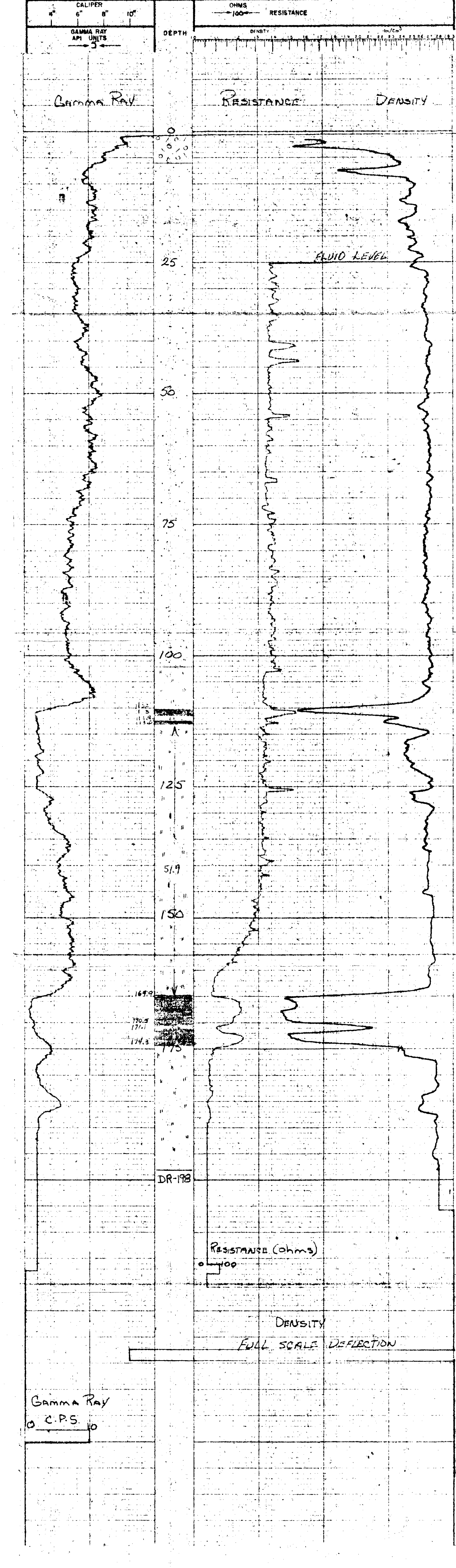
DIAMETER 2 1/8" DETECTOR MODEL No. CD-516 TYPE SCINT SCINT TYPE TYPE LENGTH 3' HOR SCALE 100% (API) SOURCE MODEL GS-137 ISOTOPE STRONTIUM-90 STRENGTH 429 mCi

TRUCK No. 2 LOCATION CAMPBELL RIVER

GENERAL		GAMMA RAY		DENSITY							
NO.	DEPTH	SPEED	T.C.	SENS.	ZERO						
FROM	TO	FT/HR	SEC	PER DIV	PER DIV						
1	198	0	12	4	100	5	1	1	1	1	1

REMARKS

PC





**LEXCO TESTING LTD. GAMMA-DENSITY - RESISTANCE**

700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA.

HOLE **QU-78-38** SURVEYED DATA

LOCATION **10510 SEC 10 T1P RGE W** ELEV. **1050**

AREA **QUINSMAN** LOC. **10510-10511**

PROVINCE **B.C. (13271)**

DATE **MARCH 18/78**

DEPTH-DRILLER **200**

DEPTH-LOGGER **178**

FLUID LEVEL **5 hr Total**

LOGGING TIME **H. JINCAH**

DRILLED BY **D. DUNBAR**

RECORDED BY **S. CAARDINE**

WITNESSED BY **S. CAARDINE**

BIT **4 1/2" SUFT** SIZE **5 1/4"** FROM **SUFT** TO **5'**

BORE-HOLE RECORD **10** CASING RECORD **10**

EQUIPMENT DATA

EMMA RAY **C-105** TOOL MODEL NO. **L-105** RESISTANCE DENSITY CALIPER

TOOL MODEL NO. **2 1/8** TOOL MODEL NO. **2 1/8** L-105 L-105

DIAMETER **CP-516** TYPE **ME** L-105 L-105

DETECTOR MODEL NO. **SCMT** SPACING **13"** F

TYPE **SCMT** LENGTH **13"**

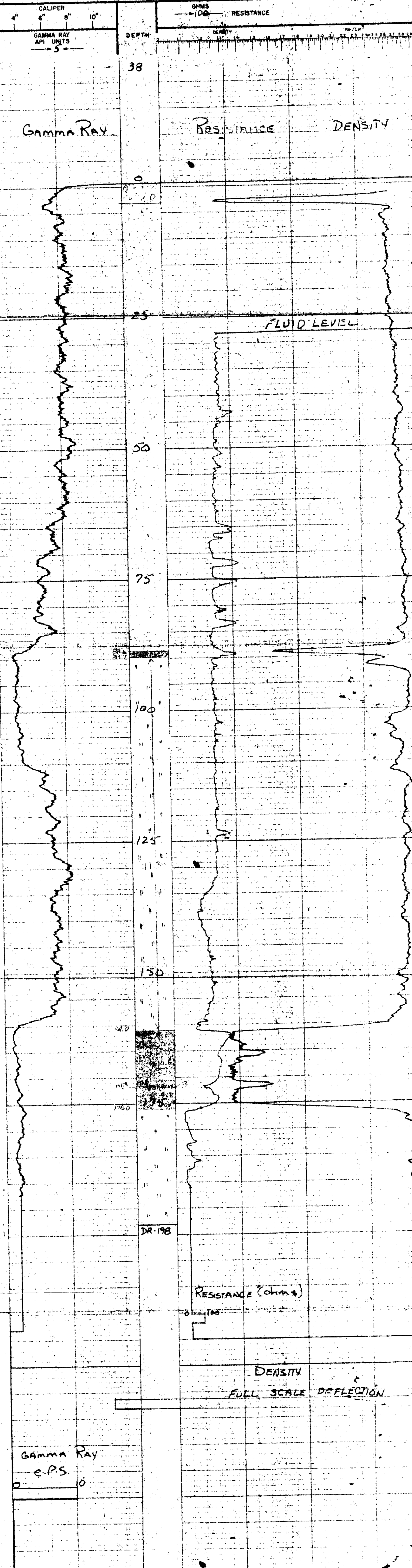
TRUCK No. **2** HOR. SCALE **100** NOV

LOCATION **QUINSMAN** ISOTOPE **CS-137** 125 m.c.

GENERAL				GAMMA RAY				DENSITY			
RUN NO.	DEPTHS FROM TO	SPEED F/Min	T.C. SEC	SENS PER DIV	ZERO	API UNITS	T.C. SEC	SENS PER DIV	ZERO		
1	0	12	4	101		5	1	1/K			

PC

99-78-38



Gamma Ray  
e.p.s.

RESISTANCE (ohms)

DENSITY  
FULL SCALE DEFLECTION

DR-198

FLUID LEVEL

GAMMA RAY

RESISTANCE

DENSITY

CALIPER  
4" 6" 8" 10"

OHMS  
100 RESISTANCE

DEPTH

38

0

35

50

75

100

125

150

176.0

111.9

111.9

0

0

**LEXCO TESTING LTD. GAMMA-DENSITY - RESISTANCE**

700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA

HOLE DRILLHOLE QU-78-35 SURVEYED DATA

LOCATION 107750 1750 LT SEC TP RGE W ELEV 1049

AREA QUINSPARK B.C. (13371) LOG 10244-1751

PROVINCE B.C. (13371)

DATE March 17 1982

DEPTH-DRILLER 80

DEPTH-LOGGER 78'

FLUID LEVEL 2'

LOGGING TIME 5 hr

DRAWN BY H. JUNGCLAIR

RECORDED BY D. DUNBAR

WITNESSED BY S. GARROWER

BORE-HOLE RECORD FROM TO

BIT 6 3/4" Surf T.D.

CASING RECORD FROM TO

EQUIPMENT DATA

GAMMA RAY TOOL MODEL No. L-103 RESISTANCE TOOL MODEL No. L-103 DENSITY TOOL MODEL No. L-103 CALIPER

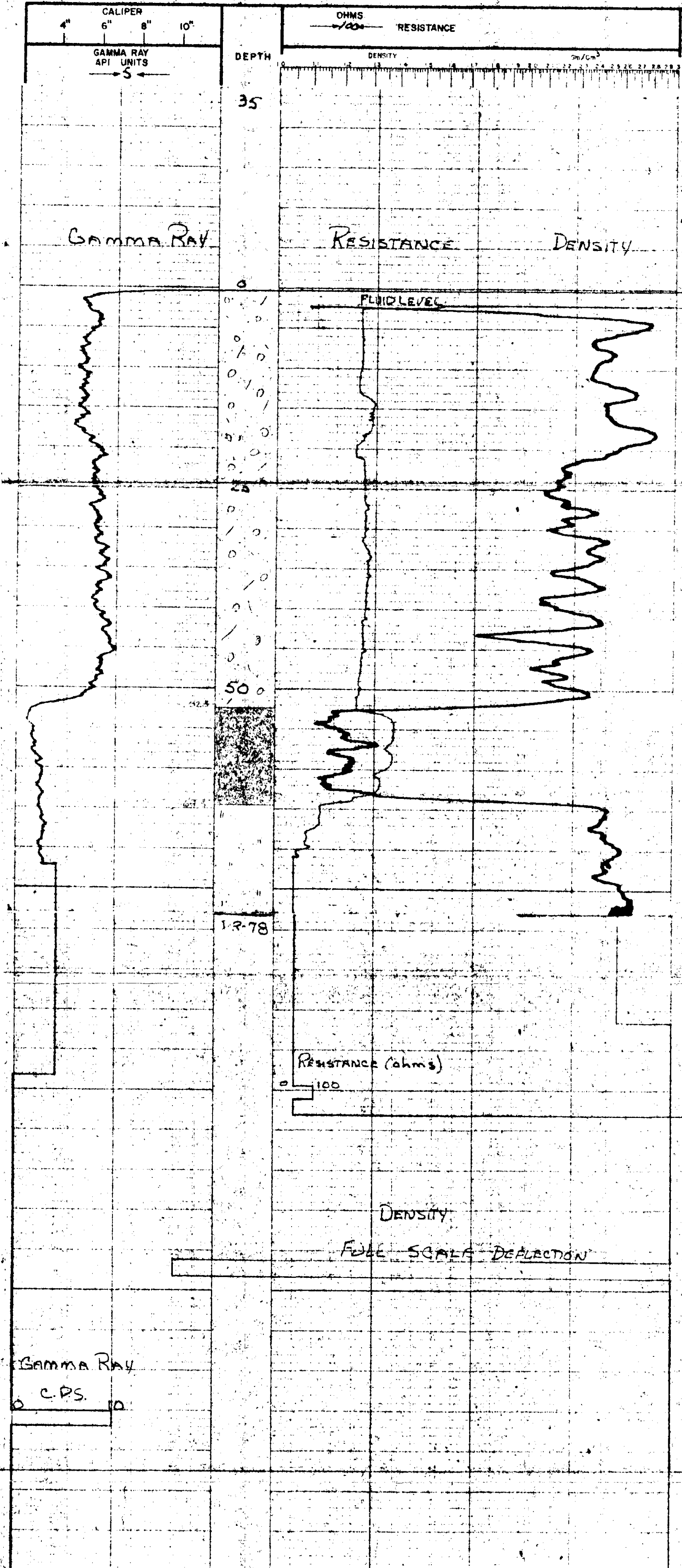
DIAMETER 2 1/8" GR-516 ME 2 1/8" TYPE F

DETECTOR MODEL No. SCINT SPACING 15" LENGTH 3'

TRUCK No. 2 HOR SCALE 100 G.R.H. HOVP

LOCATION Camperell Kiwarr LOGGING DATA

REMARKS:



PC

78-35

**LEXCO TESTING LTD. GAMMA-DENSITY - RESISTANCE**

700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA

HOLE CORE H.O.E. QU-78-36

LOCATION 8070 SEC TP RGE W ELEV. 113'

AREA QUINCY B.C. (34) 71

PROVINCE B.C.

DATE MARCH 11 1978

DEPTH-DRILLER 235'

DEPTH-LOGGER 235'

FLUID LEVEL 10'

LOGGING TIME 5 HR

DRILLED BY K. J. ...

RECORDED BY D. ...

WITNESSED BY S. ...

BIT 8 1/4" FROM SURF TO 17'

SOFT-HOLE RECORD TO 17'

EQUIPMENT DATA

GAMMA RAY L-103

TOOL MODEL NO. L-103

DIAMETER 2 1/8"

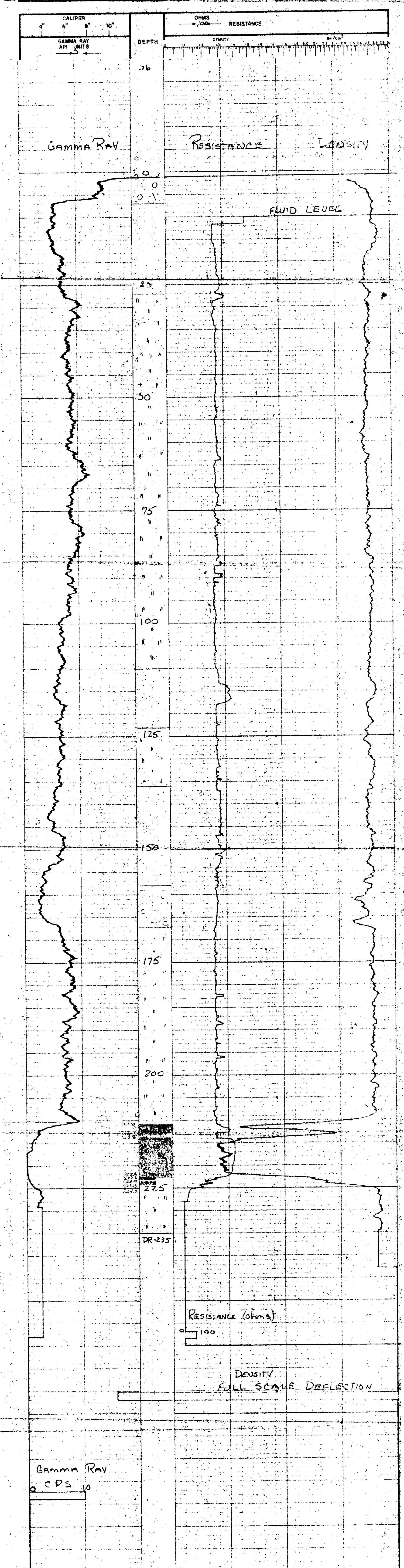
DETECTOR MODEL NO. CP-516

TRUCK NO. 2

LOCATION QUINCY

REMARKS:

M 78-36



Gamma Ray  
CPS 0

RESISTANCE (ohms)

DENSITY  
FULL SCALE DEFLECTION

DR-235

22.4  
22.0  
21.5  
21.0

CALIPER		GAMMA RAY	
6"	8"	API	LIMITS

TOOL MODEL NO.	L-103	TOOL MODEL NO.	L-103
DIAMETER	2 1/8"	DIAMETER	2 1/8"
DETECTOR MODEL NO.	CP-516	DETECTOR MODEL NO.	CP-516

TRUCK NO.	2	LOCATION	QUINCY
-----------	---	----------	--------

GENERAL	GENERAL	GENERAL	GENERAL
SPACING	SCINT	SCINT	SCINT

GENERAL	GENERAL	GENERAL	GENERAL
API UNITS	API UNITS	API UNITS	API UNITS

GENERAL	GENERAL	GENERAL	GENERAL
SEC SETTINGS	SEC SETTINGS	SEC SETTINGS	SEC SETTINGS

GENERAL	GENERAL	GENERAL	GENERAL
API UNITS	API UNITS	API UNITS	API UNITS

GENERAL	GENERAL	GENERAL	GENERAL
SEC SETTINGS	SEC SETTINGS	SEC SETTINGS	SEC SETTINGS

GENERAL	GENERAL	GENERAL	GENERAL
API UNITS	API UNITS	API UNITS	API UNITS

GENERAL	GENERAL	GENERAL	GENERAL
SEC SETTINGS	SEC SETTINGS	SEC SETTINGS	SEC SETTINGS

GENERAL	GENERAL	GENERAL	GENERAL
API UNITS	API UNITS	API UNITS	API UNITS

GENERAL	GENERAL	GENERAL	GENERAL
SEC SETTINGS	SEC SETTINGS	SEC SETTINGS	SEC SETTINGS

GENERAL	GENERAL	GENERAL	GENERAL
API UNITS	API UNITS	API UNITS	API UNITS

GENERAL	GENERAL	GENERAL	GENERAL
SEC SETTINGS	SEC SETTINGS	SEC SETTINGS	SEC SETTINGS

GENERAL	GENERAL	GENERAL	GENERAL
API UNITS	API UNITS	API UNITS	API UNITS

GENERAL	GENERAL	GENERAL	GENERAL
SEC SETTINGS	SEC SETTINGS	SEC SETTINGS	SEC SETTINGS

GENERAL	GENERAL	GENERAL	GENERAL
API UNITS	API UNITS	API UNITS	API UNITS

GENERAL	GENERAL	GENERAL	GENERAL
SEC SETTINGS	SEC SETTINGS	SEC SETTINGS	SEC SETTINGS

GENERAL	GENERAL	GENERAL	GENERAL
API UNITS	API UNITS	API UNITS	API UNITS

GENERAL	GENERAL	GENERAL	GENERAL
SEC SETTINGS	SEC SETTINGS	SEC SETTINGS	SEC SETTINGS

GENERAL	GENERAL	GENERAL	GENERAL
API UNITS	API UNITS	API UNITS	API UNITS

GENERAL	GENERAL	GENERAL	GENERAL
SEC SETTINGS	SEC SETTINGS	SEC SETTINGS	SEC SETTINGS

GENERAL	GENERAL	GENERAL	GENERAL
API UNITS	API UNITS	API UNITS	API UNITS

GENERAL	GENERAL	GENERAL	GENERAL
SEC SETTINGS	SEC SETTINGS	SEC SETTINGS	SEC SETTINGS

GENERAL	GENERAL	GENERAL	GENERAL
API UNITS	API UNITS	API UNITS	API UNITS

GENERAL	GENERAL	GENERAL	GENERAL
SEC SETTINGS	SEC SETTINGS	SEC SETTINGS	SEC SETTINGS

GENERAL	GENERAL	GENERAL	GENERAL
API UNITS	API UNITS	API UNITS	API UNITS

GENERAL	GENERAL	GENERAL	GENERAL
SEC SETTINGS	SEC SETTINGS	SEC SETTINGS	SEC SETTINGS



M 78-37

LEXCI  
TESTING LTD. GAMMA-DENSITY - RESISTANCE

TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA

WELL NAME QU-78-37 SURVEYED DATA

LOCATION / ZONE SEC TP RGE W ELEV 1075

AREA QUINSTRANS B.C. 23591 LOC. 10919B - 14071

PROVINCE DATE MARCH 17/78

SETUP - CALIBER 100 151

FLUID LEVEL 5

OPERATED BY H. J. GREGG

WITNESSED BY D. D. BARRER

APPROX. HOLE RECORD TO SIZE FROM TO

EQUIPMENT DATA

TOOL MODEL NO. L-103 TOOL MODEL NO. L-103

DIAMETER 2 1/8" DIAMETER 2 1/8"

DETECTIVE MODEL NO. CF-518 TYPE ME. 2 1/8"

TYPE SCINT. 15"

LENGTH 5"

HOR. SCALE 1000/100

SOURCE MODEL HOVP

ISOTOPE CS-137

STRENGTH 125 m.c.

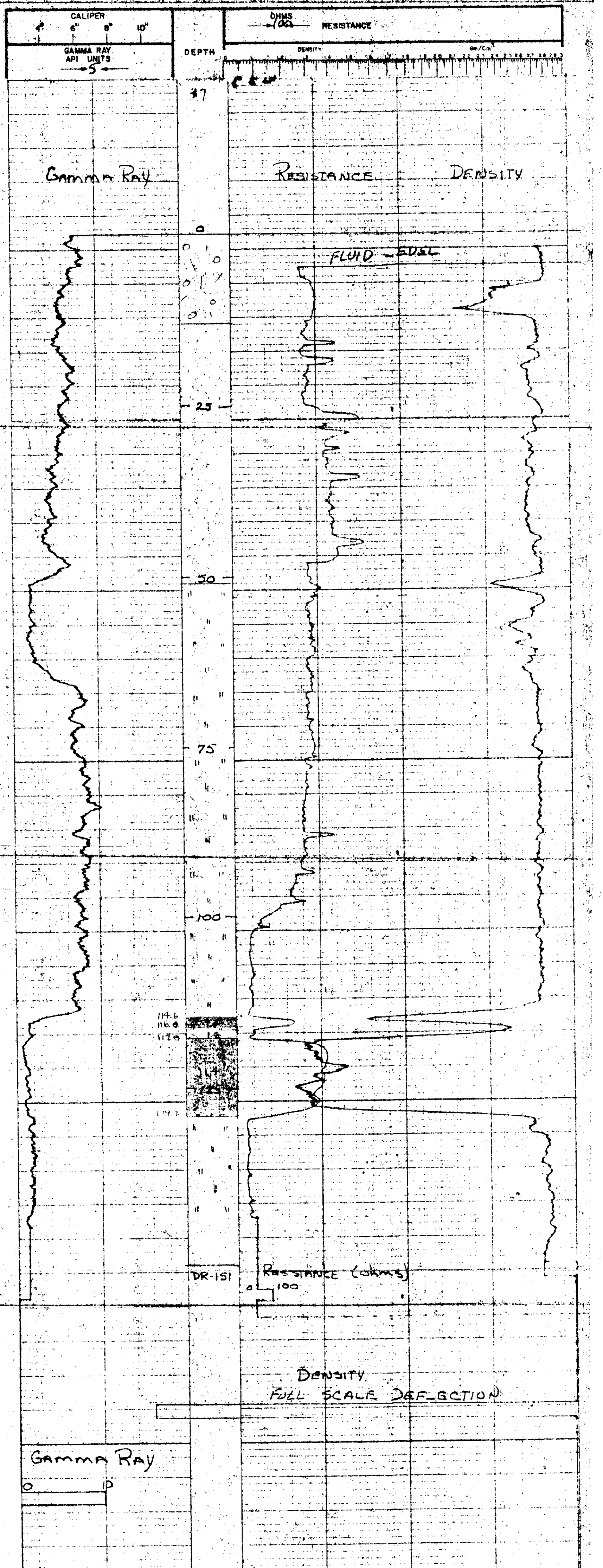
LOGGING DATA

GENERAL

DEPTH FROM TO SPEED T.C. SENS. ZERO API UNITS T.C. SENS. ZERO

1 151 0 12 4 100 5 1 1K

REMARKS \* DEPTHS OUT 2' DUE TO BEINGS STUCK IN HOLE



CALIPER 6" 8" 10"

GAMMA RAY API UNITS 5

OHMS RESISTANCE 100

DENSITY gm/cm<sup>3</sup> 2.0 2.1 2.2 2.3 2.4 2.5 2.6 2.7 2.8 2.9

DEPTH 0 25 50 75 100 110 117.6 116.0 117.8 114.2

RESISTANCE (OHMS) 100

DENSITY FULL SCALE DEFLECTION

GAMMA RAY 0 10



LEXCO  
TESTING LTD. GAMMA-DENSITY - RESISTANCE

7000 ROYAL TRINITY TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA

HOLE NO. 94-52 G SURVEYED DATA

DATE 11/25/57 ELEV. 1182

LOG SHEET NO. 1

11-29-57

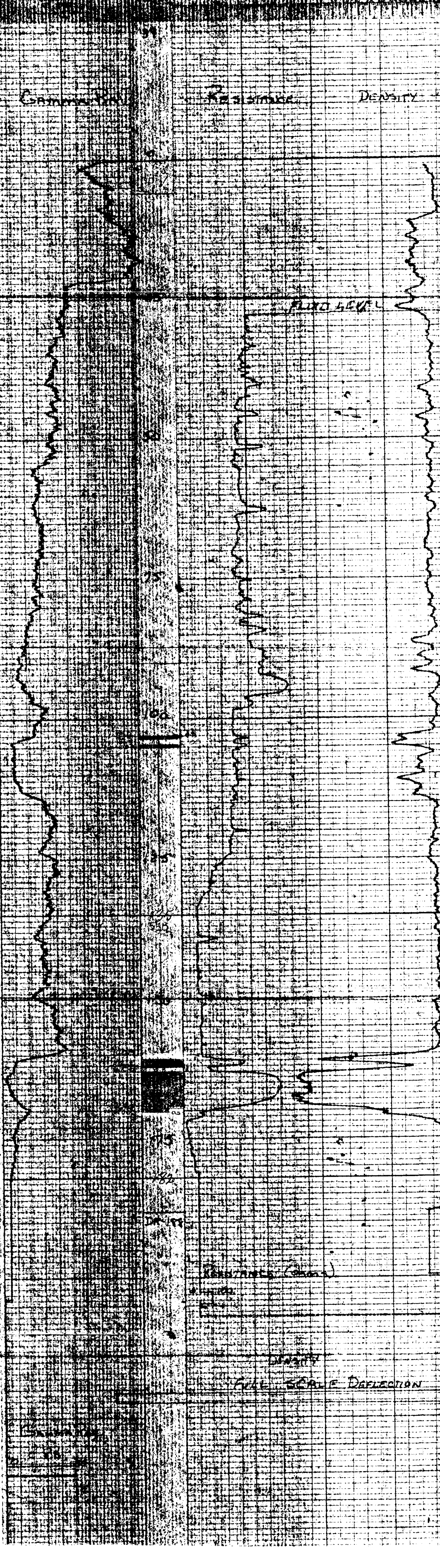
GAMMA-RAY RESISTANCE DENSITY

FLOOD LEVEL

RESISTANCE (COUNT)

SCALE DEFLECTION

11-29-57



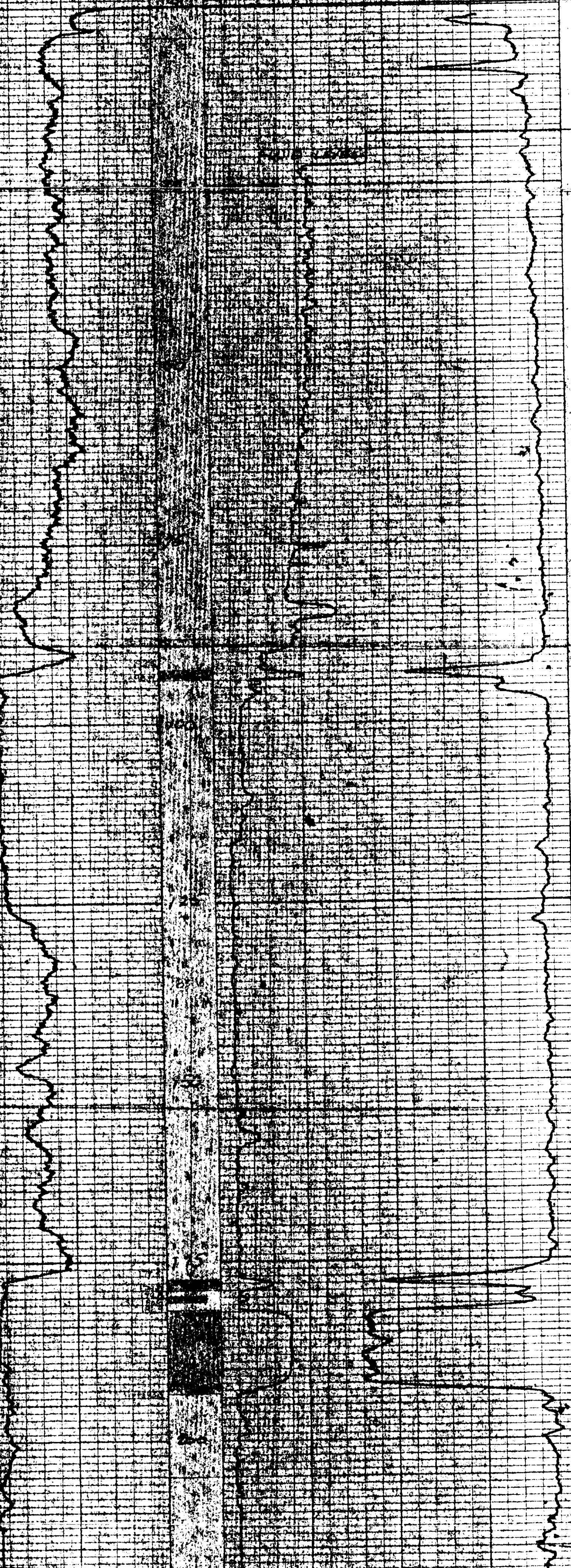


LEICO  
TESTING LTD.  
DAMAGE DENSITY - RESISTANCE

100 SOUTH AVENUE - SUITE 100 - EDMONTON CENTRE - EDMONTON, ALBERTA

78-110

Gamma Ray      Resistance      Density



(Gamma Ray)

Density

FULL SCALE DEFLECTION

Gamma Ray  
FIG. P3 10





M 78-42(c)

**LEXCO TESTING LTD. GAMMA-DENSITY - RESISTANCE**

700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA

HOLE QJ-78-42(c) SURVEYED DATA

LOCATION 85+00 300' LT SEC TP RGE W ELEV. 1006

AREA QUINSMAN LOC 85+01 - 321' LT

PROVINCE B.C. (13971)

DATE MARCH 26/78

DEPTH - DRILL LOG 81'

DEPTH - LOGGER 80'

FLUID LEVEL 24'

LOGGING TIME 5 1/2

DRILLED BY R. LOSAN

RECORDED BY D. DUBOAR

WITNESSED BY S. GARLAND

EQUIPMENT TABLE

TOOL MODEL NO. L-103 TOOL MODEL NO. L-103 RESISTANCE L-103 DENSITY L-103 CALIPER

DIAMETER 2 1/8" DIAMETER 2 1/8" TYPE MF TYPE F

DETECTOR MODEL NO. CP-518 SCINT 3" SPACING 13"

LENGTH 3" LENGTH 13"

TRUCK No. 2 HOR SCALE NO CALIB. HOVP

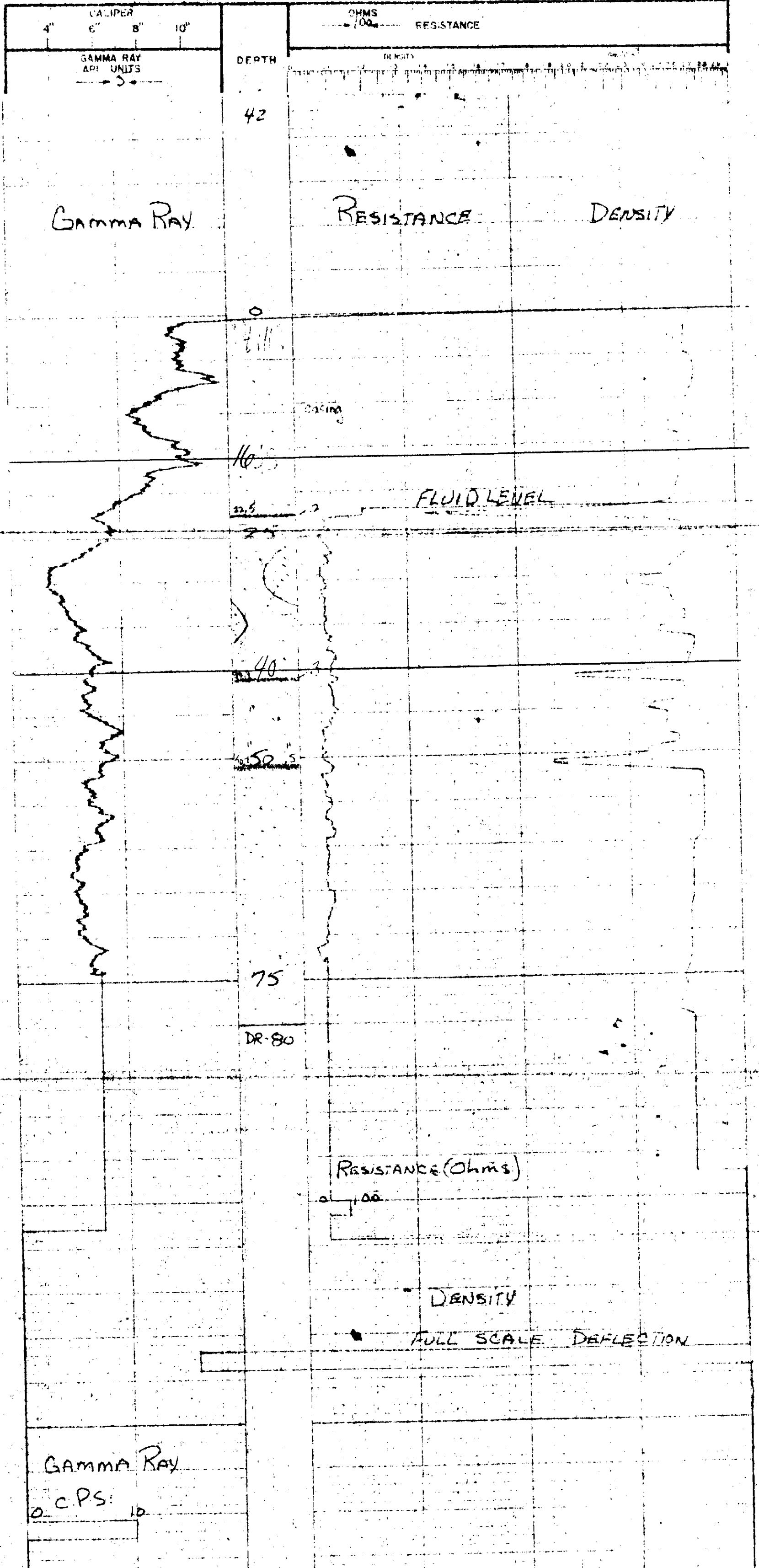
LOCATION CAMPBELL SOURCE MODEL CS-137 ISOPOPE 125 MC

GENERAL LOGGING DATA

GENERAL GAMMA RAY

API UNITS PER DIV

REMARKS



M 78-44(a)

**LEXCO TESTING LTD. GAMMA-DENSITY - RESISTANCE**

700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA

HOLE DU-18-44 C SURVEYED DATA

LOCATION 173017 SEC TP RGE W ELEV. 1283

AREA Quinsam LOC. 173017-174417

PROVINCE B.C. (40) 71

DATE MARCH 2/178

DEPTH-DRILLER 146

DEPTH-LOGGER 137

FLUID LEVEL 27.5'

LOGGING TIME 3.5 hr

DRILLED BY R. Logan

RECORDED BY D. DUNBAR

WITNESSED BY S. GARROD

BORE-HOLE RECORD

BIT FROM TO SIZE FRONT TO

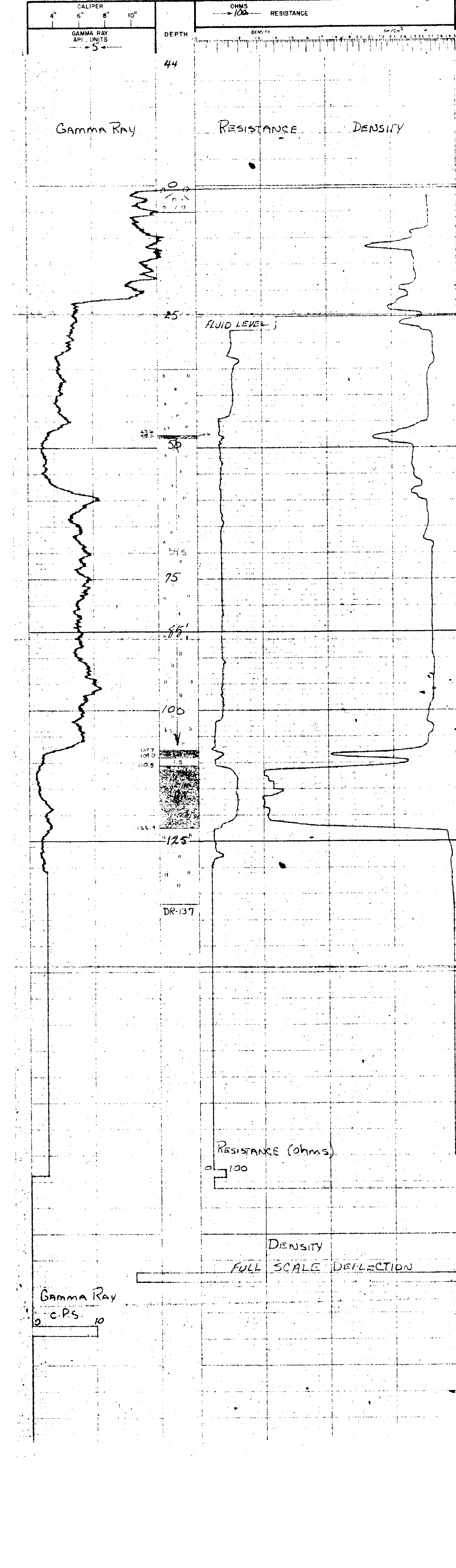
8 3/4" SURF 10' 8 1/2" SURF 10'

4 1/4" 10' 100' SURF 5 1/2" 10'

5 1/4" 100' EQUIPMENT DATA

TOOL MODEL No.	L-103	TOOL MODEL No.	L-103	DENSITY	L-103	CALIPER
DIAMETER	2 1/8"	DIAMETER	2 1/8"		2 1/8"	
DETECTOR MODEL No.	CP-516	TYPE	F			
TYPE	SCINT	SCALING	13"			
LENGTH	3'	LENGTH	1'			
GENERAL		HOP SCALE	100 Scale			
TRUCK No.	2	SOURCE MODEL				
LOCATION	CAMPBELL	ISOTOPE	CS-137			
	RIBBON	STRENGTH	125 mc			

GENERAL	GAMMA RAY				DENSITY				
RUN No.	DEPTH FROM	SPEED F/Min	T.C. SEC	SENS. SETTING	ZERO	API UNITS PER DIV	T.C. SEC	SENS. SETTING	ZERO
1	137	0	12	4	100	5	1	1K	









M 78-477(2)

**LEXCO TESTING LTD. GAMMA-DENSITY - RESISTANCE**

700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA.

HOLE QU-78-477(C) SURVEYED DATA

LOCATION 115+00 FOOT SEC. TP RGE W ELEV. 1023

AREA QUINSAPO LOC. 14+13 442'H

PROVINCE B.C. (43) 71

RUN No. \_\_\_\_\_ DATE April 5/78

DEPTH-DRILLER 444 DEPTH-LOGGER 243

FLUID LEVEL 20 LOGGING TIME \_\_\_\_\_

DRILLED BY R. SHERIDAN RECORDED BY D. DUNBAR

WITNESSED BY S. GARROUER BORE-HOLE RECORD TO \_\_\_\_\_

BIT 8 1/2" SURF TO \_\_\_\_\_ SIZE 8 1/2" FROM \_\_\_\_\_

8 1/2" SURF TO \_\_\_\_\_ SIZE 8 1/2" FROM \_\_\_\_\_

5 1/2" SURF TO \_\_\_\_\_ SIZE 5 1/2" FROM \_\_\_\_\_

5 1/2" SURF TO \_\_\_\_\_ SIZE 5 1/2" FROM \_\_\_\_\_

EQUIPMENT DATA

GAMMA RAY TOOL MODEL No. L-103 TOOL MODEL No. L-103 RESISTANCE DENSITY CALIPER

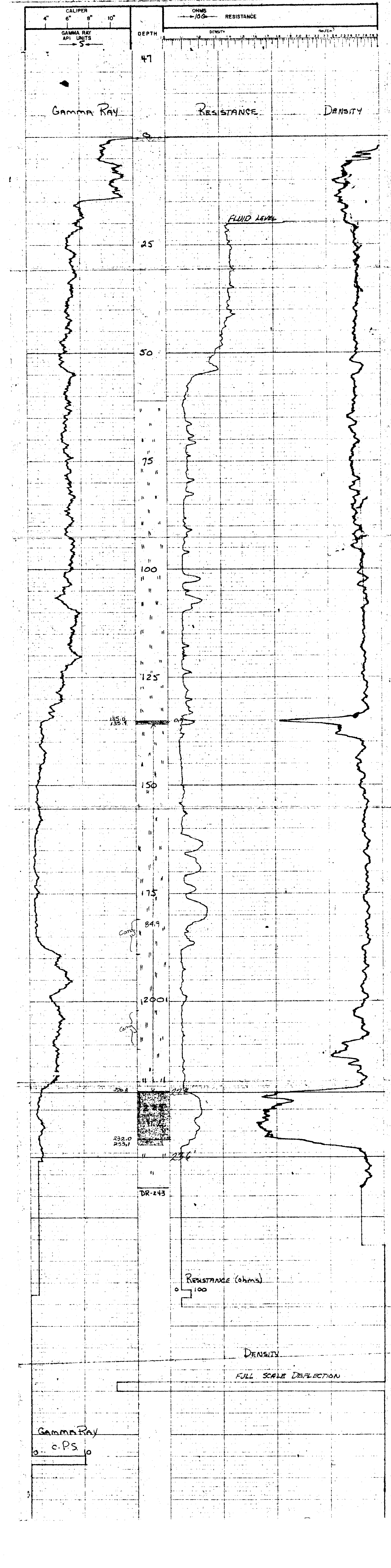
DIAMETER 2 1/8 DIAMETER 2 1/8 TYPE ME TYPE F TYPE F

DETECTOR MODEL No. CS-516 SCINT. SCINT. LENGTH 18"

TRUCK No. 2 HOR. SCALE 100 G.P.A. HOVP. GS-137

LOCATION QUINSAPO LOGGING DATA

REMARKS





78-48

**LEXCO TESTING LTD. GAMMA-DENSITY - RESISTANCE**

700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA

HOLE QU-78-48 SURVEYED DATA

LOCATION 112+50 ELEV. 1025

AREA QUINSPAIN TP RGE W LOC 112+50-1951 LT

PROVINCE B.C. (21) 71

DATE MARCH 29, 1978

DEPTH-DRILLER 112

DEPTH-LOGGER 105'

LOGGING TIME 5 hr. TOTAL

DRILLED BY D. DUNBAR

RECORDED BY S. GARDNER

WITNESSED BY

BORE-HOLE RECORD

BIT 6 3/4" SOFT SIZE T.D.

EQUIPMENT DATA

GAMMA RAY

TOOL MODEL NO. L-103 TOOL MODEL NO. L-103 RESISTANCE DENSITY CALIPER

DIAMETER 2 1/8" DIAMETER 2 1/8"

DETECTOR MODEL NO. CP-516 TYPE ME

TYPE SCINT SPACING 13"

LENGTH 3" LENGTH

GENERAL

TRUCK No. CAMPBELL SOURCE MODEL HOV-100

LOCATION RUBER ISOTOPE CS-137

STRENGTH 125 m.c.

LOGGING DATA

GENERAL

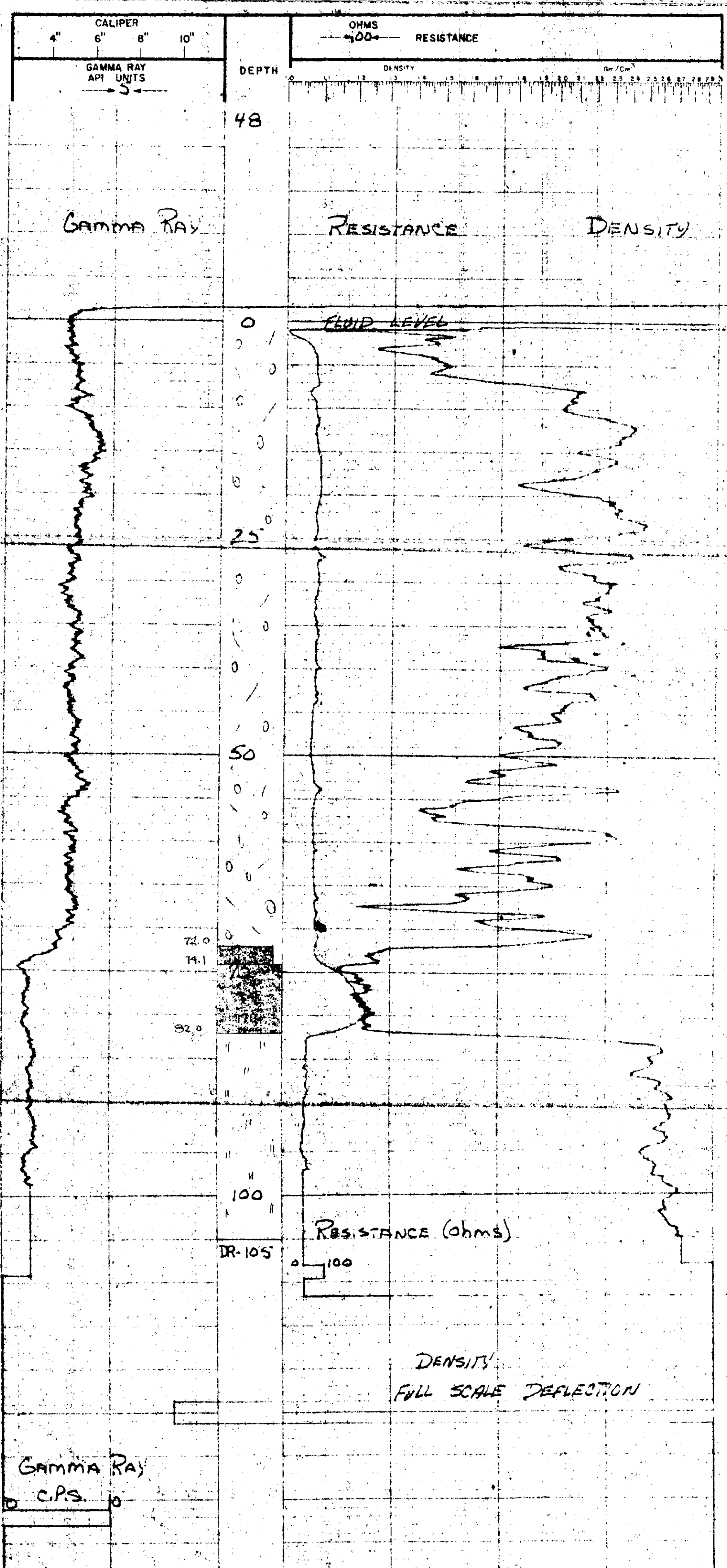
RUN DEPTHS TO SPEED T.C. SENS. ZERO API UNITS T.C. SENS. ZERO

NO. FROM TO F/min SEC. SETTING PER DIV. SEC. SETTING

1 105' 0 12 4 100 5 1 15

REMARKS HOLES VERY WASHED OUT

PC



M  
78-49(C)

**LEXCO TESTING LTD. GAMMA-DENSITY - RESISTANCE**

700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA

HOLE: QU-78-48 (C) SURVEYED DATA  
 LOCATION: 1750 LT SEC 17 RGE W ELEV: 1120  
 AREA: QUINSMAN LOC: QU-78-6 - 1750 LT  
 PROVINCE: B.C. **1271**

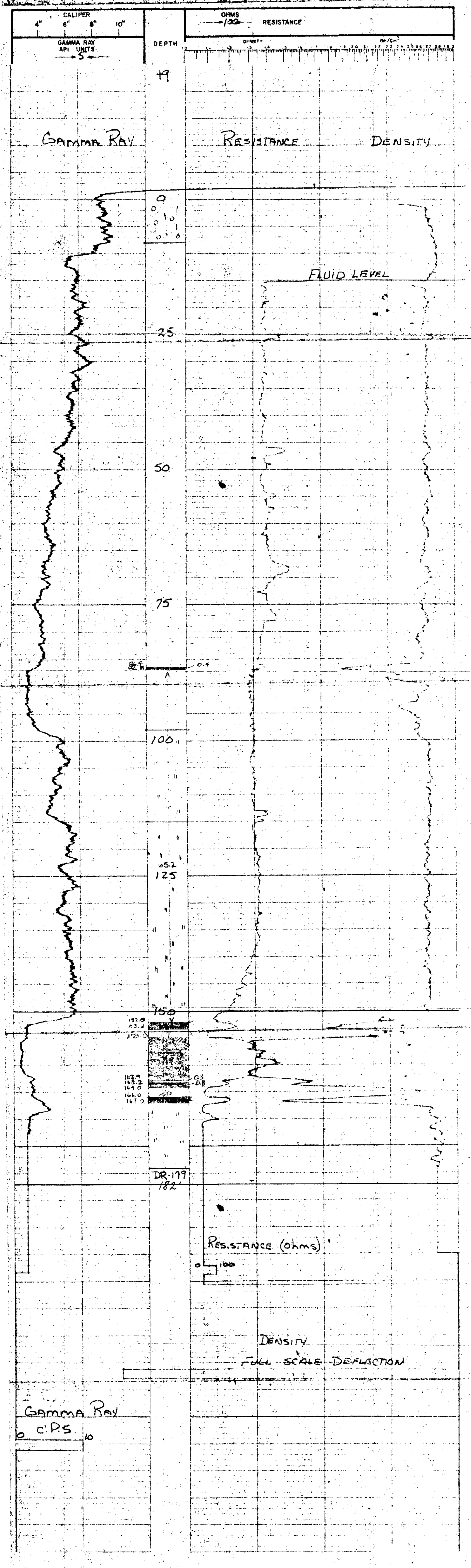
RUN No. \_\_\_\_\_ DATE: MARCH 29 1978  
 DEPTH-DRILLER: \_\_\_\_\_ DEPTH-LOGGER: 183  
 DEPTH-LOGGER: \_\_\_\_\_ FLUID LEVEL: 173  
 LOGGING TIME: \_\_\_\_\_ LOGGING TIME: \_\_\_\_\_  
 DRILLED BY: R. LORSON  
 RECORDED BY: D. DUBOIS  
 WITNESSED BY: S. GARDNER

BORE-HOLE RECORD: \_\_\_\_\_ CASING RECORD: \_\_\_\_\_  
 BIT: \_\_\_\_\_ SIZE: 3 1/2" FROM: \_\_\_\_\_ TO: \_\_\_\_\_  
 BIT: SW-5 SUIT: 17 SIZE: 3 1/2" SURF: \_\_\_\_\_ TO: \_\_\_\_\_  
 BIT: SW-17 SUIT: 17 SIZE: 3 1/2" SURF: \_\_\_\_\_ TO: \_\_\_\_\_  
 BIT: SW-17 SUIT: 17 SIZE: 3 1/2" SURF: \_\_\_\_\_ TO: \_\_\_\_\_

TOOL JOGEL No. \_\_\_\_\_ TOOL JOGEL No. \_\_\_\_\_ RESISTANCE \_\_\_\_\_ DENSITY \_\_\_\_\_ CALIPER \_\_\_\_\_  
 DIAMETER \_\_\_\_\_ DIAMETER \_\_\_\_\_ L-103 \_\_\_\_\_ L-103 \_\_\_\_\_  
 DETECTOR MODEL No. \_\_\_\_\_ TYPE \_\_\_\_\_ ME \_\_\_\_\_  
 TYPE \_\_\_\_\_ SCINT \_\_\_\_\_ SPACING \_\_\_\_\_  
 LENGTH \_\_\_\_\_ LENGTH \_\_\_\_\_  
 SERIAL \_\_\_\_\_ FOR SCALE \_\_\_\_\_  
 TRUCK No. \_\_\_\_\_ SOURCE MODEL \_\_\_\_\_ HOVR \_\_\_\_\_  
 LOCATION \_\_\_\_\_ ISOTOPE \_\_\_\_\_ CS-137 \_\_\_\_\_  
 STRENGTH \_\_\_\_\_ RS m.c. \_\_\_\_\_

GENERAL \_\_\_\_\_ LOGGING DATA \_\_\_\_\_  
 GENERAL \_\_\_\_\_ LOGGING DATA \_\_\_\_\_  
 GENERAL \_\_\_\_\_ LOGGING DATA \_\_\_\_\_  
 GENERAL \_\_\_\_\_ LOGGING DATA \_\_\_\_\_

REMARKS \_\_\_\_\_



M 78-50 (2)

**LEXCO TESTING LTD. GAMMA-DENSITY - RESISTANCE**

700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA

HOLE QU-78-50 SURVEYED DATA  
 LOCATION 1250 LT SEC TP RGE W ELEV 1053  
 AREA QUINSTR LOC. 107-46-1257A  
 PROVINCE B.C. (2371)

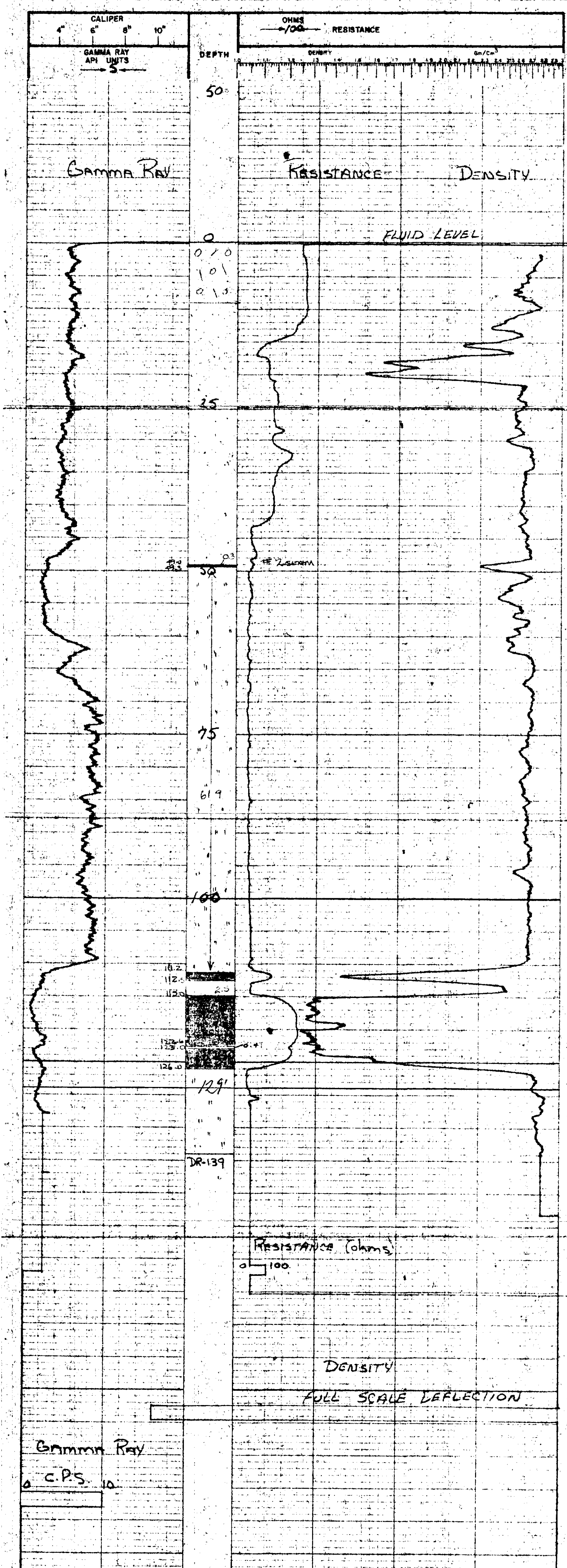
DATE MARCH 31/78  
 DEPTH-BRILLER 140'  
 DEPTH-LOGGER 129'  
 FLUID LEVEL FULL  
 LOGGING TIME 5 hr  
 DRILLED BY R. SKILL  
 RECORDED BY D. DUNBAR  
 WITNESSED BY S. GARDNER

GAMMA RAY  
 TOOL MODEL No. L-103 TOOL MODEL No. L-103 RESISTANCE DENSITY CALIPER  
 DIAMETER 2 1/8" DIAMETER 2 1/8" L-103 L-103  
 DETECTOR MODEL No. CS-518 TYRE ME ME  
 TYPE SCINT SPACING 12" 12"  
 LENGTH 3 LENGTH 1

TRUCK No. 2 HOV'S 100 S.I.A.  
 LOCATION CAMPBELL ISOTOPE CS-137  
RIUER STRENGTH 125 m.c.

GENERAL	LOGGING DATA	GAMMA RAY	RESISTANCE	DENSITY
RUN No.				
DATE				
DEPTH-BRILLER				
DEPTH-LOGGER				
FLUID LEVEL				
LOGGING TIME				
DRILLED BY				
RECORDED BY				
WITNESSED BY				
BIT				
DIAMETER				
DETECTOR MODEL No.				
TYPE				
LENGTH				
TRUCK No.				
LOCATION				
GENERAL				
LOGGING DATA				
GAMMA RAY				
RESISTANCE				
DENSITY				
CALIPER				

REMARKS:  
 2





78-43.

**LEXCO TESTING LTD. GAMMA-DENSITY - RESISTANCE**

700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA

HOLE **QU-78-43** SURVEYED DATA

LOCATION **105+00 2000 FT SEC TP RGE W** ELEV. **1037.9**

AREA **QUINSPARK** LOC. **105+69-189711**

PROVINCE **B.C. (14) 71**

DATE **MARCH 21/78**

DEPTH - DRILLER **80'**

DEPTH - LOGGER **76'**

FLUID LEVEL **5'**

LOGGING TIME **5 hr total**

DRILLED BY **H. JUNGELT**

RECORDED BY **B. DUBBER**

WITNESSED BY **B. DUBBER**

BIT **6 3/4" SOFT** TO **I.D.** SIZE **5 7/8" SOFT** FROM **TO** **20'**

BORE-HOLE RECORD

EQUIPMENT DATA

GAMMA RAY TOOL MODEL No. **L-103** TOOL MODEL No. **C-103** RESISTANCE DENSITY CALIPER

DIAMETER **2 1/8"** DIAMETER **2 1/8"** ME **2 1/8"**

DETECTOR MODEL No. **CP-516** TYPE **F** SCINT **13"**

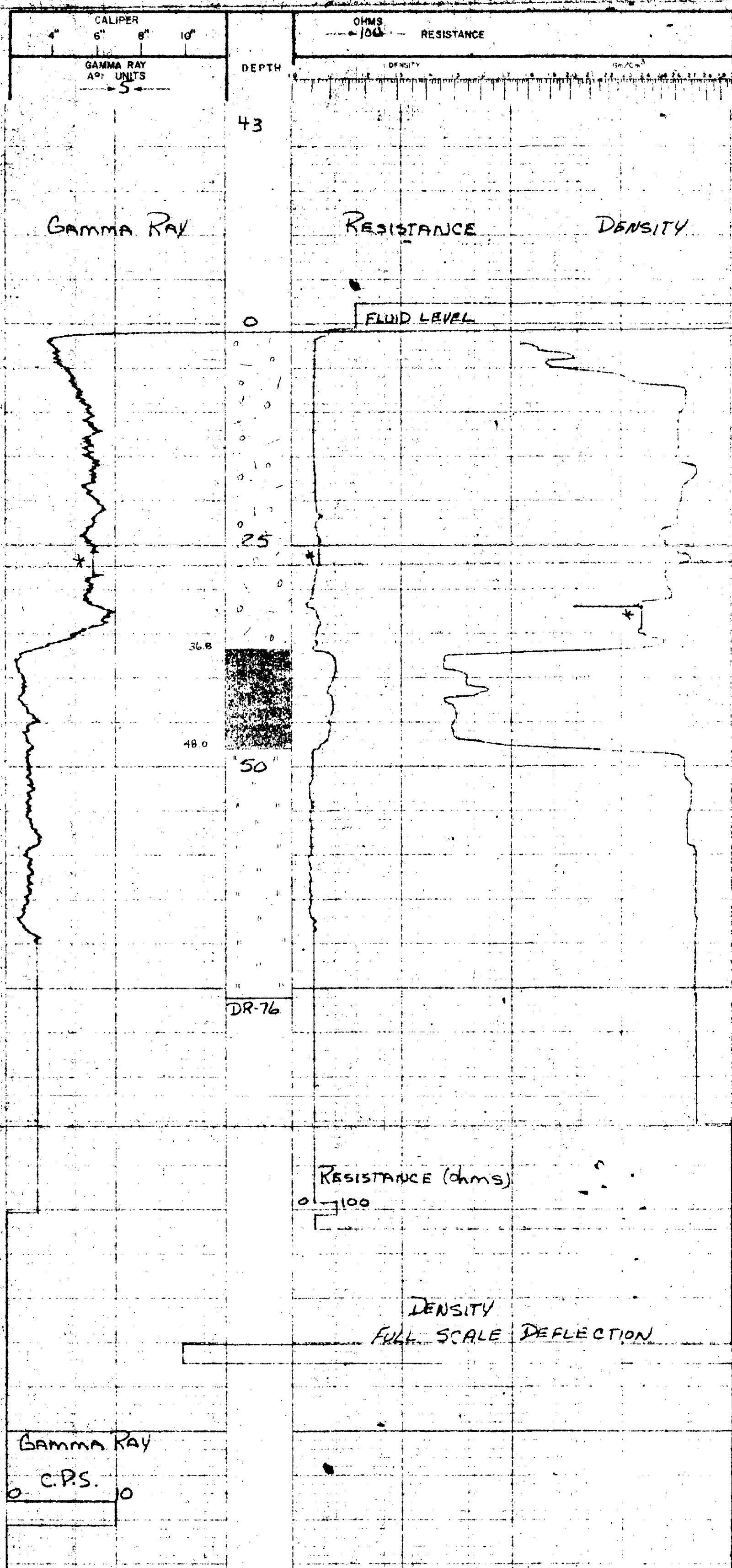
TYPE **3"** SPACING **13"** LENGTH

GENERAL TRUCK No. **2** HOR SCALE **100#/lb** HOVP

LOCATION **CAMPBELL RIVER** ISOTOPE **CS-137** STRENGTH **125 mC**

GENERAL		GAMMA RAY		GAMMA RAY		DENSITY	
RUN No	DEPTHS	SPEED	T.C	SENS	ZERO	API UNITS	T.C
	FROM TO	Ft/min	SEC	SETTING		PREP DIV	SFC
1	76' 0	12	4	100		5	1
							1K

REMARKS **STUCK IN HOLE BETWEEN 32-34**



78-51

**LEXCO TESTING LTD. GAMMA-DENSITY - RESISTANCE**

700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA

HOLE Du-78-51 SURVEYED DATA

LOCATION 72+50 SEC TP RGE W ELEV 6984

AREA Quinsay 1571 LOC 11234-69717

PROVINCE B.C.

DATE MARCH 21/78

DEPTH-DRILLER 290'

DEPTH-LOGGER 198'

FLUID LEVEL 198'

LOGGING TIME 5:45

DRILLED BY H. DUNBAR

RECORDED BY D. DUNBAR

WITNESSED BY S. GARDNER

BIT FROM 30' TO 30'

LOG FROM 30' TO 30'

LOG TO 30'

LOG FROM 30' TO 30'

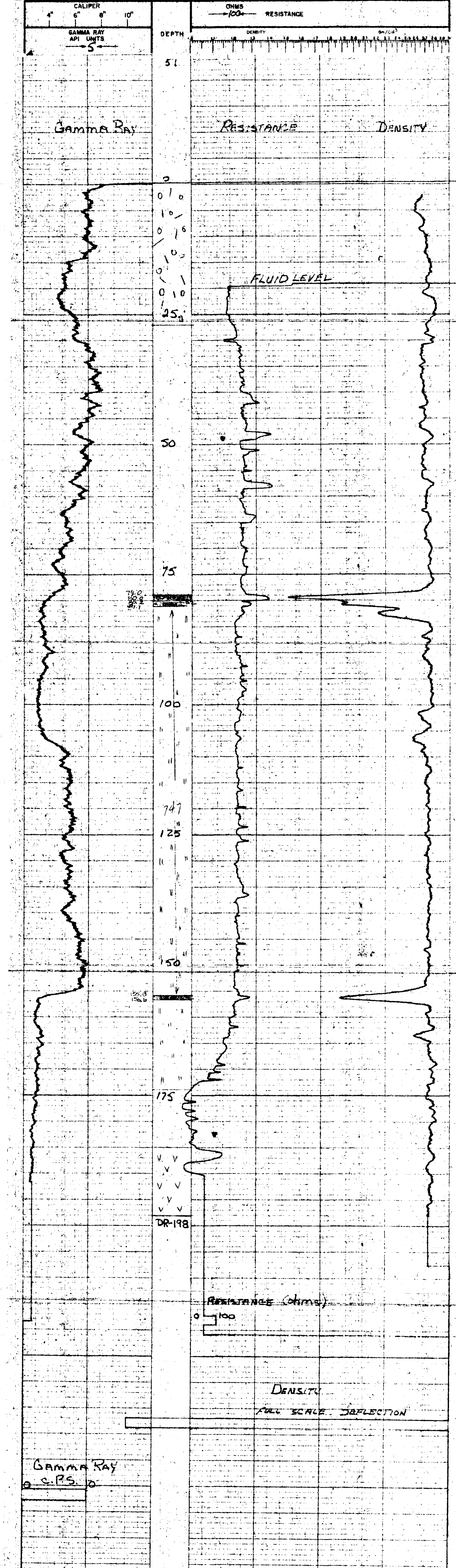
LOG TO 30'

LOG FROM 30' TO 30'

LOG TO 30'

LOG FROM 30' TO 30'

LOG TO 30'



CALIPER

GAMMA RAY API UNITS

RESISTANCE

DENSITY

FLUID LEVEL

RESISTANCE (ohms)

DENSITY FULL SCALE DEFLECTION

GAMMA RAY

C.R.S.

DR-198

RESISTANCE (ohms)

DENSITY

FLUID LEVEL

RESISTANCE (ohms)

DENSITY FULL SCALE DEFLECTION

GAMMA RAY

C.R.S.

DR-198

RESISTANCE (ohms)

DENSITY

FLUID LEVEL

RESISTANCE (ohms)

DENSITY FULL SCALE DEFLECTION

GAMMA RAY

C.R.S.

DR-198

RESISTANCE (ohms)

DENSITY

FLUID LEVEL

RESISTANCE (ohms)

DENSITY FULL SCALE DEFLECTION

GAMMA RAY

C.R.S.

DR-198

RESISTANCE (ohms)

DENSITY

FLUID LEVEL

RESISTANCE (ohms)

DENSITY FULL SCALE DEFLECTION

GAMMA RAY

C.R.S.

DR-198

RESISTANCE (ohms)

DENSITY

FLUID LEVEL

RESISTANCE (ohms)

DENSITY FULL SCALE DEFLECTION

GAMMA RAY

C.R.S.

DR-198

RESISTANCE (ohms)

DENSITY

FLUID LEVEL

RESISTANCE (ohms)

DENSITY FULL SCALE DEFLECTION

GAMMA RAY

C.R.S.

DR-198

RESISTANCE (ohms)

DENSITY

FLUID LEVEL

RESISTANCE (ohms)

DENSITY FULL SCALE DEFLECTION

GAMMA RAY

C.R.S.

DR-198

RESISTANCE (ohms)

DENSITY

FLUID LEVEL

RESISTANCE (ohms)

DENSITY FULL SCALE DEFLECTION

GAMMA RAY

C.R.S.

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RESISTANCE (ohms)

DENSITY

FLUID LEVEL

RESISTANCE (ohms)

DENSITY FULL SCALE DEFLECTION

GAMMA RAY

C.R.S.

DR-198

RESISTANCE (ohms)

DENSITY

FLUID LEVEL

RESISTANCE (ohms)

DENSITY FULL SCALE DEFLECTION

GAMMA RAY

C.R.S.

DR-198

RESISTANCE (ohms)

DENSITY

FLUID LEVEL

RESISTANCE (ohms)

DENSITY FULL SCALE DEFLECTION

GAMMA RAY

C.R.S.

DR-198

RESISTANCE (ohms)

DENSITY

FLUID LEVEL

RESISTANCE (ohms)

DENSITY FULL SCALE DEFLECTION

GAMMA RAY

C.R.S.

DR-198

RESISTANCE (ohms)

DENSITY

FLUID LEVEL

RESISTANCE (ohms)

DENSITY FULL SCALE DEFLECTION

GAMMA RAY

C.R.S.

DR-198

RESISTANCE (ohms)

DENSITY

FLUID LEVEL

RESISTANCE (ohms)

DENSITY FULL SCALE DEFLECTION

GAMMA RAY

C.R.S.

DR-198

RESISTANCE (ohms)

DENSITY

FLUID LEVEL

RESISTANCE (ohms)

DENSITY FULL SCALE DEFLECTION

GAMMA RAY

C.R.S.

DR-198

RESISTANCE (ohms)

DENSITY

FLUID LEVEL

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DENSITY FULL SCALE DEFLECTION

GAMMA RAY

C.R.S.

DR-198

RESISTANCE (ohms)

DENSITY

FLUID LEVEL

RESISTANCE (ohms)

DENSITY FULL SCALE DEFLECTION

GAMMA RAY

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DENSITY FULL SCALE DEFLECTION

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RESISTANCE (ohms)

DENSITY FULL SCALE DEFLECTION

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DENSITY

FLUID LEVEL

RESISTANCE (ohms)

DENSITY FULL SCALE DEFLECTION

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DENSITY

FLUID LEVEL

RESISTANCE (ohms)

DENSITY FULL SCALE DEFLECTION

GAMMA RAY

C.R.S.

DR-198

RESISTANCE (ohms)

DENSITY

FLUID LEVEL

RESISTANCE (ohms)

DENSITY FULL SCALE DEFLECTION

GAMMA RAY

C.R.S.

DR-198

RESISTANCE (ohms)

DENSITY

FLUID LEVEL

RESISTANCE (ohms)

DENSITY FULL SCALE DEFLECTION

GAMMA RAY

C.R.S.

DR-198

RESISTANCE (ohms)

DENSITY

FLUID LEVEL

RESISTANCE (ohms)

DENSITY FULL SCALE DEFLECTION

GAMMA RAY

C.R.S.

DR-198

RESISTANCE (ohms)

DENSITY

FLUID LEVEL

RESISTANCE (ohms)

DENSITY FULL SCALE DEFLECTION

GAMMA RAY

C.R.S.

DR-198

RESISTANCE (ohms)

DENSITY

FLUID LEVEL

RESISTANCE (ohms)

DENSITY FULL SCALE DEFLECTION

GAMMA RAY

C.R.S.

DR-198

RESISTANCE (ohms)

DENSITY

FLUID LEVEL

RESISTANCE (ohms)

DENSITY FULL SCALE DEFLECTION

GAMMA RAY

C.R.S.

DR-198

RESISTANCE (ohms)

DENSITY

FLUID LEVEL

RESISTANCE (ohms)

DENSITY FULL SCALE DEFLECTION

GAMMA RAY

C.R.S.

DR-198

RESISTANCE (ohms)

DENSITY

FLUID LEVEL

RESISTANCE (ohms)

DENSITY FULL SCALE DEFLECTION

GAMMA RAY

C.R.S.

DR-198

RESISTANCE (ohms)

DENSITY

FLUID LEVEL

RESISTANCE (ohms)

DENSITY FULL SCALE DEFLECTION

GAMMA RAY

C.R.S.

DR-198

RESISTANCE (ohms)

DENSITY

FLUID LEVEL

RESISTANCE (ohms)

DENSITY FULL SCALE DEFLECTION

GAMMA RAY

C.R.S.

DR-198

RESISTANCE (ohms)

DENSITY

FLUID LEVEL

RESISTANCE (ohms)

DENSITY FULL SCALE DEFLECTION

GAMMA RAY

C.R.S.

DR-198

RESISTANCE (ohms)

DENSITY

FLUID LEVEL

RESISTANCE (ohms)

DENSITY FULL SCALE DEFLECTION



78-52(c)

**LEXCO TESTING LTD. GAMMA-DENSITY - RESISTANCE**

700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA

HOLE QU-78-52 (C) SURVEYED DATA

LOCATION 750 LT SEC TP RGE W ELEV. 1029

AREA Quinn's m LOC. 101+41 = 755 LT

PROVINCE BC (1671)

DATE April 11/78

DEPTH-DRILLER 170

DEPTH-LOGGER 149

FLUID LEVEL 10'

LOGGING TIME 3 hr.

DRILLED BY R. SALT

RECORDED BY D. DUNBAR

WITNESSED BY S. CARONIER

BORE-HOLE RECORD TO CASING RECORD

BIT 3 1/2" S.P.F. SIZE 1 1/2" FROM SURF TO 13'

1 1/4" S.P.F. SIZE 1 1/2" FROM SURF TO 13'

5 1/2" S.P.F. SIZE 1 1/2" FROM SURF TO 13'

EQUIPMENT DATA

GAMMA RAY L-403 TOOL MODEL NO. L-103 RESISTANCE L-103 DENSITY CALIPER

DIAMETER 2 1/8" DETECTOR MODEL NO. CP-516 TYPE F ME. 15'

GENERAL TRUCK NO. 2 CAMBELL SOURCE MODEL 1000 140 HOVP

LOCATION RUBER ISOTOPE CS-137 STRENGTH 125 mCi

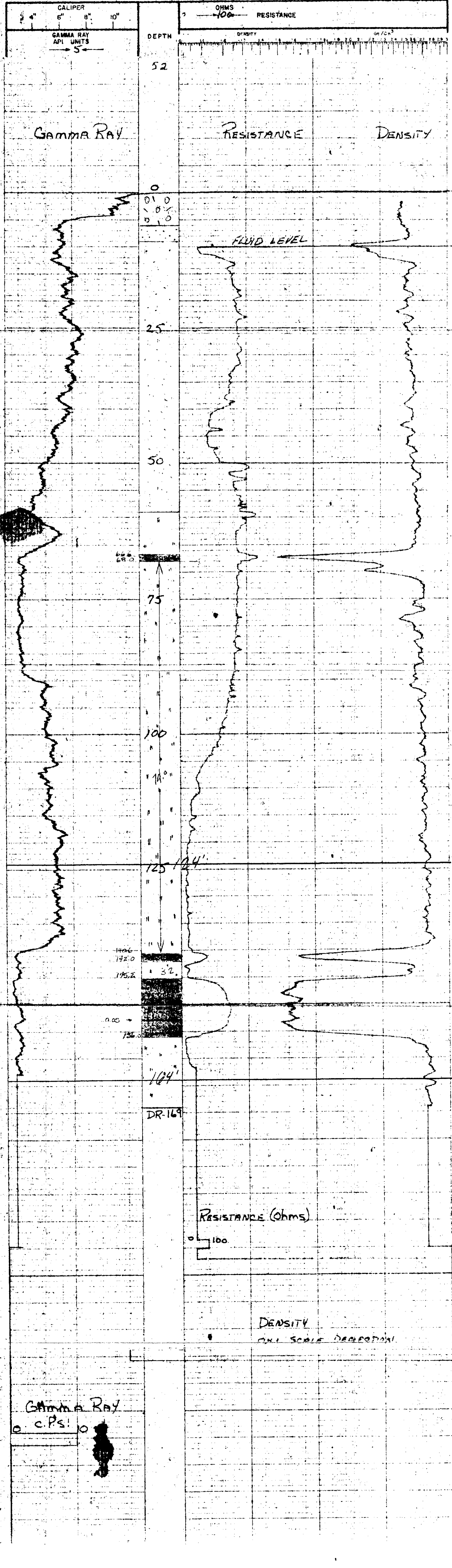
GENERAL DEPTHS SPEED T.C. SENS. ZERO API UNITS T.C. SENS. ZERO

NO. FROM TO FROM TO FROM TO FROM TO FROM TO

1 1 0 1/2 1 1/2 100 5 1 1/2

REMARKS

PC



78-53

**LEXCO TESTING LTD. GAMMA-DENSITY - RESISTANCE**

700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA.

HOLE QU-78-53

SURVEYED DATA

LOCATION 72+50 LT SEC TP RGE W

ELEV. 993

AREA QUINSA

LOC. 72-44 - EXHIBIT

PROVINCE BC

71

DATE April 1, 1958

RUN No. 2

DEPTH-DRILLER 21'

DEPTH-LOGGER 248'

FLUID LEVEL 5A-

LOGGING TIME

DRILLED BY H. DUNCAN

RECORDED BY D. DUNBAR

WITNESSED BY S. GARDNER

BORE-HOLE RECORD

BIT 5 1/2" SUFF

TO T.D.

SIZE 5 1/2"

FROM SUFF

TO 72'

EQUIPMENT DATA

GAMMA RAY TOOL MODEL No. L-103

RESISTANCE TOOL MODEL No. L-103

DIAMETER 2 1/8"

DENSITY DIAMETER 2 1/8"

DETECTOR MODEL No. CP-516

TYPE ME

TYPE SCINT

SPACING 13"

LENGTH 3'

LENGTH 1'

TRUCK No. 2

HOR. SCALE 100 R/D

LOCATION CAMPBELL

ISOTOPE CS-137

LOGGING DATA

STRENGTH 125 m.c.

GENERAL

GAMMA RAY

GENERAL

DENSITY

GENERAL

RESISTANCE

GENERAL

API UNITS

GENERAL

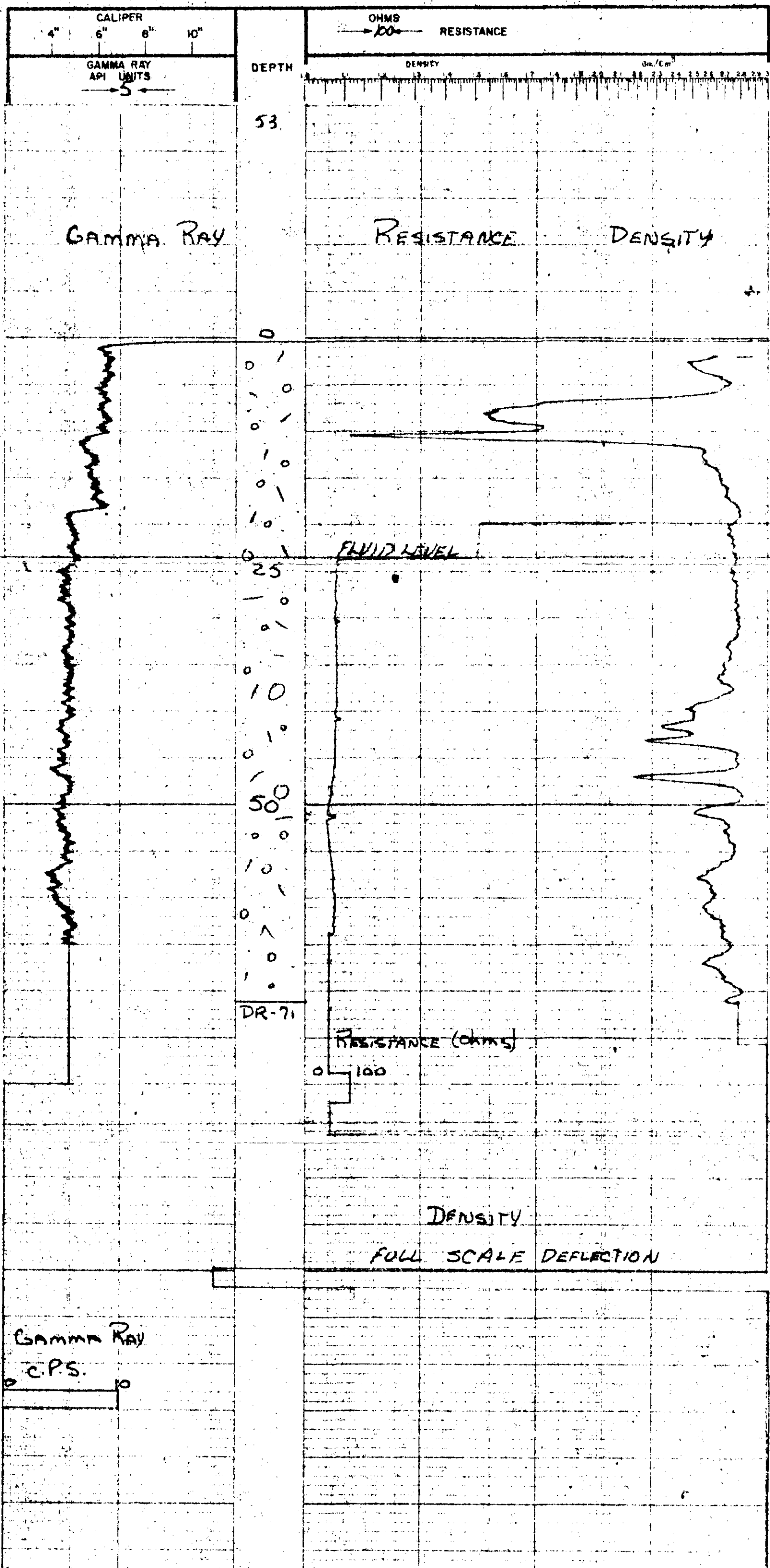
SECTIONS

GENERAL

ZEROS

GENERAL

REMARKS



Gamma Ray  
C.P.S.





M  
98-55(2)

**LEXCO TESTING LTD. GAMMA-DENSITY - RESISTANCE**

700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA

HOLE QD-78-55 (C) SURVEYED DATA

LOCATION 115+00 J.P. ROE W ELEV. 1014

AREA QUINSMAN LOC. J14 F78 - 105E17

PROVINCE BC (29) 71

RUN No. 117 DATE APRIL 3/78

DEPTH-DRILLER 115

DEPTH-LOGGER 115

FLUID LEVEL 7.5

LOGGING TIME 5.5 hr

DRILLED BY R. S. SMITH

RECORDED BY D. DUNBAR

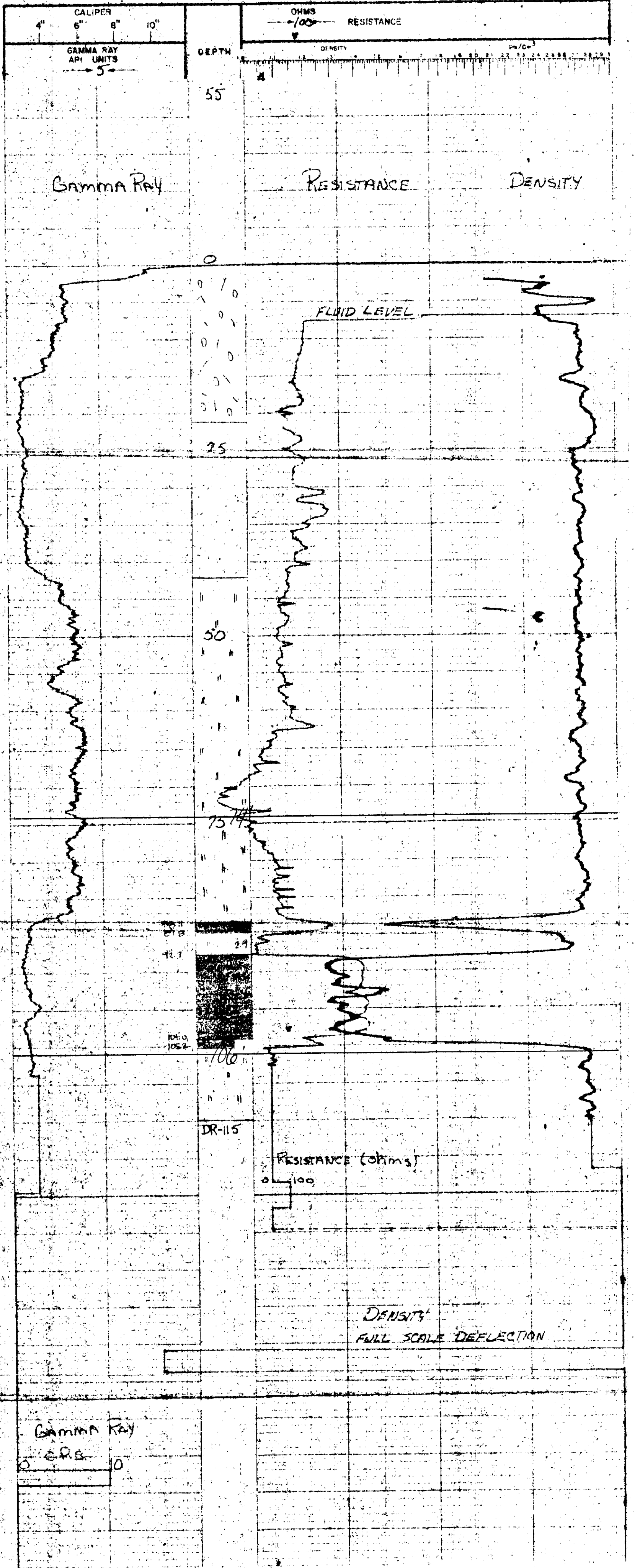
WITNESSED BY S. GARDNER

BIT 5 1/8" BORE-HOLE RECORD

FROM 26' TO 26' SIZE 8 1/2" CASING RECORD

EQUIPMENT DATA  
 GAMMA RAY L-103 TDR MODEL NO. L-103 RESISTANCE L-103 DENSITY L-103 CALIPER  
 TOOL MODEL NO. 2 1/8" DIAMETER 2 1/8" ME  
 DETECTOR MODEL NO. CR-516 TYPE F  
 TYPE SCINT SPACING 13"  
 LENGTH 3"  
 GENERAL HOR. SCALE  
 TRUCK No. 2 SOURCE MODEL  
 LOCATION Campbell ISOTOPE CS-137 NOVP  
RIFER STRENGTH 125 m.c.

REMARKS





M 78-56

**LEXCO TESTING LTD. GAMMA-DENSITY - RESISTANCE**

700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA.

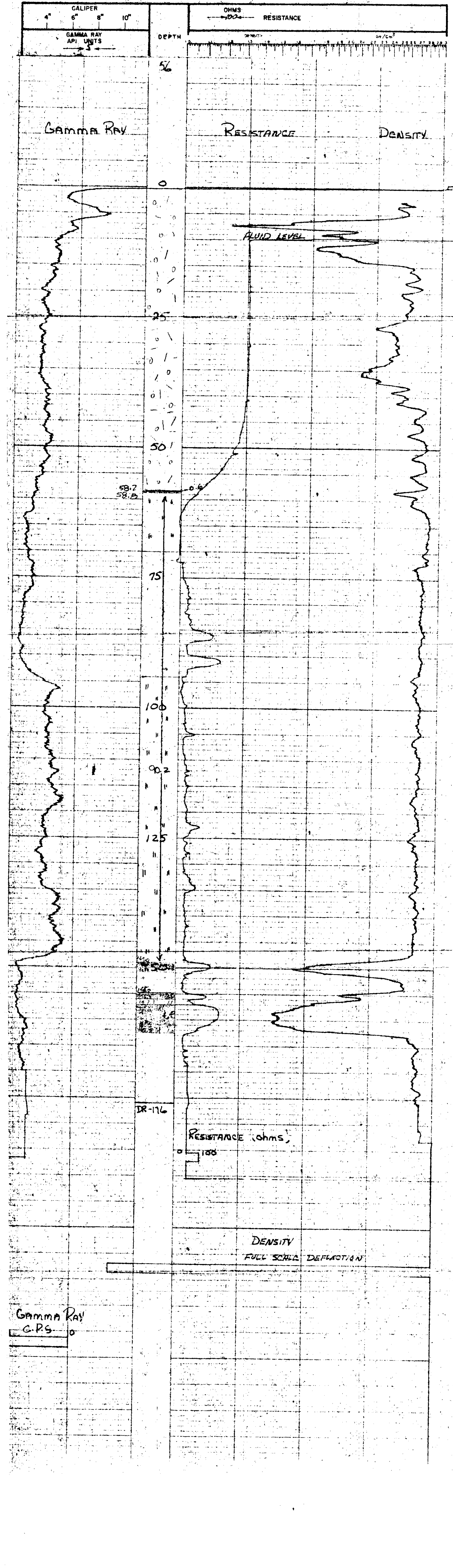
HOLE QU-78-56 SURVEYED DATA  
 LOCATION 117+50 750 FT SEC TP RGE W ELEV. 1072  
 AREA QUINSMO LOC. 17-30-8047  
 PROVINCE B.C. (1071)  
 DATE April 15/78  
 DEPTH-DRILLER 176  
 DEPTH-LOGGER 176  
 FLUID LEVEL 10'  
 LOGGING TIME 5 hr. 10 min.  
 DRILLED BY R. SEAT  
 RECORDED BY D. DUNBAR  
 WITNESSED BY S. SANDHU

BONE-HOLE RECORD		CASING RECORD	
BIT	FROM	TO	TO
4 1/2"	544'	70'	544'
4 1/2"	70'	10'	70'

EQUIPMENT DATA		RESISTANCE		DENSITY		CALIBER	
TOOL MODEL NO.	TOOL MODEL NO.	L-103	L-103	L-103	L-103	2 1/8"	2 1/8"
GAMMA RAY	1-03	2 1/8"	2 1/8"	2 1/8"	2 1/8"	2 1/8"	2 1/8"
DIAMETER	2 1/8"	DIAMETER	2 1/8"	DIAMETER	2 1/8"	DIAMETER	2 1/8"
DETECTOR MODEL NO.	GP-318	TYPE	MC	TYPE	F	TYPE	F
TYPE	SCINT	SCINT	MC	SCINT	F	SCINT	F
LENGTH	5'	LENGTH	18"	LENGTH	18"	LENGTH	18"

GENERAL				GAMMA RAY				DENSITY			
TRUCK No.	LOCATION	ISOTOPE	STRENGTH	API UNITS	PER DIV.	SEC. SETTINGS	ZERO	API UNITS	PER DIV.	SEC. SETTINGS	ZERO
2	CAMPBELL	137	122 mCi	5	5	1		5	5	1	

GENERAL				GAMMA RAY				DENSITY					
RUN No.	DEPTHS	SPEED	T.C.	SENS	ZERO	API UNITS	PER DIV.	SEC. SETTINGS	ZERO	API UNITS	PER DIV.	SEC. SETTINGS	ZERO
1	176'	0	12	4	100	5	5	1		5	5	1	



Gamma Ray  
C.P.S.





78-58(2)

**LEXCO TESTING LTD. GAMMA-DENSITY - RESISTANCE**

700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA

HOLE: **Gu-78-58(2)**  
 LOCATION: **155100 BASELINE SEC TP RGE W**  
 SURVEYED DATA: **ELEV 1079.5**  
**154199.2**  
**LOC 4.2 RT**

AREA: **QUINSADE**  
 PROVINCE: **B.C. (21271)**

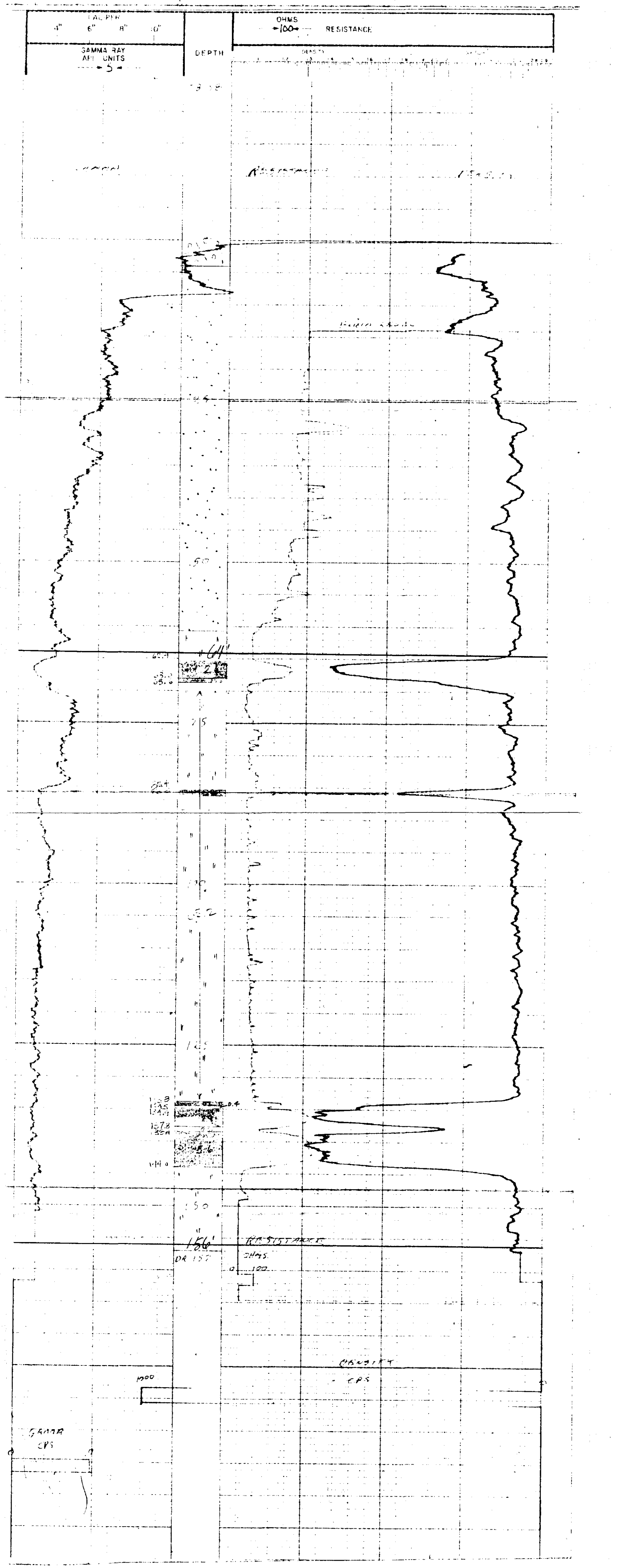
DATE: **Apr 15 1978**  
 DEPTH-DRILLER: **156'**  
 DEPTH-LOGGER: **157'**  
 FLUID LEVEL: **157'**  
 LOGGING TIME: **5 hr.**  
 DRILLED BY: **R. Snel**  
 RECORDED BY: **D. J. Jumbark**  
 WITNESSED BY: **S. G. Jumbark**

BORE-HOLE RECORD:  
 BIT: **8 3/4" SURF**  
**130'**  
**5 1/2" SURF**  
**130'**

EQUIPMENT DATA:  
 GAMMA RAY: **L-103**  
 FOOT MODEL NO.: **L-103**  
 DIAMETER: **2 1/8"**  
 DETECTOR MODEL NO.: **CP-516**  
 TYPE: **SCINT**  
 SCINT: **5"**  
 SACING: **15"**  
 LENGTH: **1005**  
 HOE SCALE: **1005**  
 SOURCE MODEL: **1005**  
 ISOTOPE: **CS-137**  
 STRENGTH: **125**

GENERAL LOGGING DATA:  
 TRUCK No: **2 Campbell**  
 LOCATION: **155100**

GENERAL:  
 RUN No: **1**  
 DEPTH: **0**  
 FROM: **0**  
 TO: **12**  
 SPEED: **4**  
 SENS: **1.00**  
 ZERC: **5**  
 API UNITS: **1**  
 PER DIV: **1K**



M 78-59

**LEXCO TESTING LTD. GAMMA-DENSITY - RESISTANCE**

700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA

HOLE QU-78-59 SURVEYED DATA

LOCATION 1290LT SEC TP RGE W ELEV. 1011.3

AREA QUINSMO LOC. 129847

PROVINCE B.C. (L13) 71

DATE April 15/78

DEPTH-DRILLER 98

DEPTH-LOGGER 93'

FLUID LEVEL 5.5'

LOGGING TIME 5 hr

DRILLED BY H. J. MacEIL

RECORDED BY D. DAWSON

WITNESSED BY S. GARDNER

BORE-HOLE RECORD

GRT FROM TO SIZE FROM TO

4 1/2" Surf T.D. 5 1/2" Surf 60"

EQUIPMENT DATA

GAMMA RAY TOOL MODEL NO. L-103 TOOL MODEL NO. L-103 RESISTANCE DENSITY CALIPER

DIAMETER 2 1/8" DIAMETER 2 1/8" TYPE F

DETECTOR MODEL NO. CP-516 TYPE SCINT LENGTH 15"

GENERAL TRUCK No. 2 HOR SCALE 100 R/dia

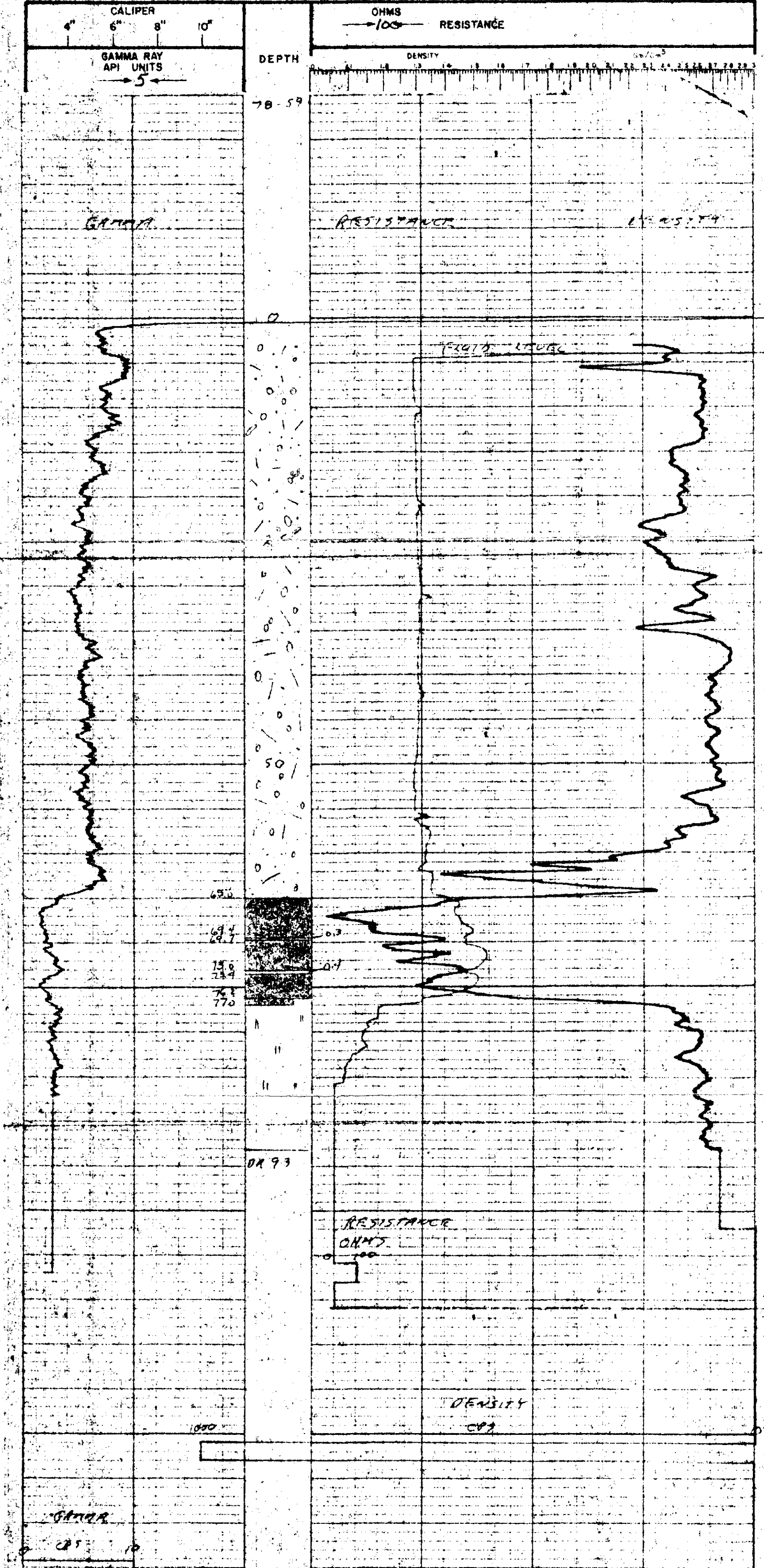
LOCATION Campbell River ISOTOPE CS-137 NOVP

LOGGING DATA

GENERAL RUN NO. DEPTHS FROM TO SPEED F/Min T.C. SEC SENS. ZERO API UNITS PER DIV. T.C. SEC SENS. ZERO

1 93' 0 12 4 100 5 1 IK

REMARKS:







76-101

**LEXCO TESTING LTD. GAMMA-DENSITY - RESISTANCE**

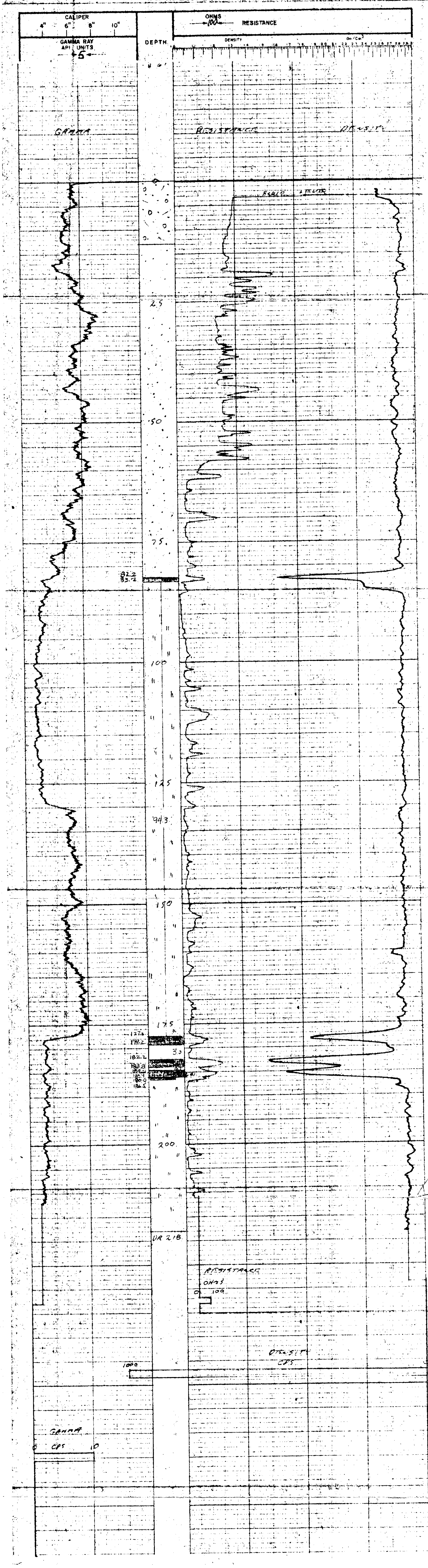
700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA

HOLE QJ-78-61 SURVEYED DATA  
 LOCATION 1/5703 750 FT SEC TP RGE W ELEV. 1515  
 AREA Quinsam LOC. 778.17  
 PROVINCE B.C. (1571)

RUN NO. \_\_\_\_\_ DATE April 15/78  
 DEPTH - DRILLER ZD  
 DEPTH - LOGGER ZIB  
 FLUID LEVEL \_\_\_\_\_  
 LOGGING TIME \_\_\_\_\_  
 DRILLED BY H. JUNGST  
 RECORDED BY D. DUBAR  
 WITNESSED BY S. GARLANDER  
 BIT SOFT SOFT-HOLE RECORD TO \_\_\_\_\_  
 SIZE FROM \_\_\_\_\_ TO \_\_\_\_\_  
 CASING RECORD TO \_\_\_\_\_  
 EQUIPMENT DATA  
 GAMMA RAY \_\_\_\_\_ RESISTANCE \_\_\_\_\_  
 TOOL MODEL NO. \_\_\_\_\_ L-103 \_\_\_\_\_  
 DIAMETER \_\_\_\_\_ 2 1/8" \_\_\_\_\_  
 DETECTOR MODEL NO. \_\_\_\_\_ 2 1/8" \_\_\_\_\_  
 TYPE \_\_\_\_\_  
 LENGTH \_\_\_\_\_  
 GENERAL \_\_\_\_\_  
 TRUCK No. \_\_\_\_\_ HOR. SCALE \_\_\_\_\_  
 LOCATION Centre of well ISOTOPE \_\_\_\_\_ HOVP \_\_\_\_\_  
KLUMER STRENGTH \_\_\_\_\_ CS-137 \_\_\_\_\_  
 LOGGING DATA \_\_\_\_\_ 125 m.c.

RUN NO.	DEPTHS		T.C. SEC.	SENS. ZERO	GAMMA RAY		T.C. SEC.	SENS. ZERO	ZENO
	FROM	TO			API UNITS	PER DIV			
1	218	0	12	4	100	5	1	1X	

REMARKS



REMARKS



78-62

**LEXCO TESTING LTD. GAMMA-DENSITY - RESISTANCE**

700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA

HOLE Q11-28-6-2 SURVEYED DATA  
 LOCATION 47+X0 300+Y SEC TP RGE W ELEV 1044  
 AREA Oil in 5801 LOC 548 RT  
 PROVINCE B.C. **21671**

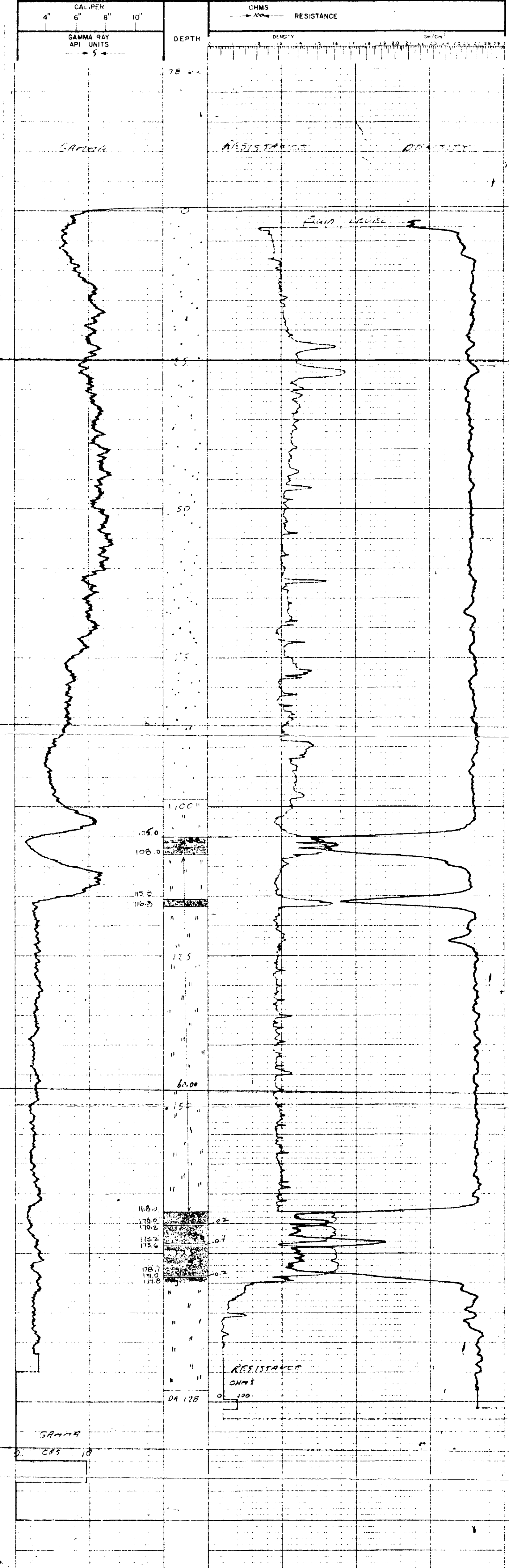
RUN No. \_\_\_\_\_ DATE 16 MAR 78  
 DEPTH - DRILLER \_\_\_\_\_ DEPTH - LOGGER 200  
 FLUID LEVEL \_\_\_\_\_ FLUID LEVEL 178  
 LOGGING TIME \_\_\_\_\_ LOGGING TIME 2.5  
 DRILLED BY H. WINGERT  
 RECORDED BY S. DAWSON  
 WITNESSED BY \_\_\_\_\_

BORE-HOLE RECORD		CASING RECORD			
BIT	FROM	TO	SIZE	FROM	TO
5 1/8	0	10	5	0	10
4 1/8	10	10	5	0	10

EQUIPMENT DATA		RESISTANCE		DENSITY		CALIPER	
TOOL MODEL No	L-103	TOOL MODEL No	L-103	TOOL MODEL No	L-103	TOOL MODEL No	L-103
DIAMETER	2 1/8	DIAMETER	2 1/8	DIAMETER	2 1/8	DIAMETER	2 1/8
DETECTOR MODEL No	CP-516	TYPE	ME	TYPE	F	TYPE	F
TYPE	SCINT	SPACING	13"	SPACING	13"	SPACING	13"
LENGTH	3'	LENGTH	3'	LENGTH	3'	LENGTH	3'

GENERAL				GAMMA RAY				DENSITY						
TRUCK No	LOCATION	ISOTOPE	STRENGTH	API UNITS	PER DIV	SEC	SETTING	T.C.	SENS	ZERC	API UNITS	PER DIV	SEC	SETTING
1	750	0	14	4	100	5	1	14	54					

REMARKS: \_\_\_\_\_



GAMMA 548



78-63

**LEXCO TESTING LTD. GAMMA-DENSITY - RESISTANCE**

700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA.

HOLE Qu-1A-b3 SURVEYED DATA

LOCATION 147th & 150th St. Sec. 18, Rge. W. ELEV. 1474.3

AREA Quinn LOC. 180-87

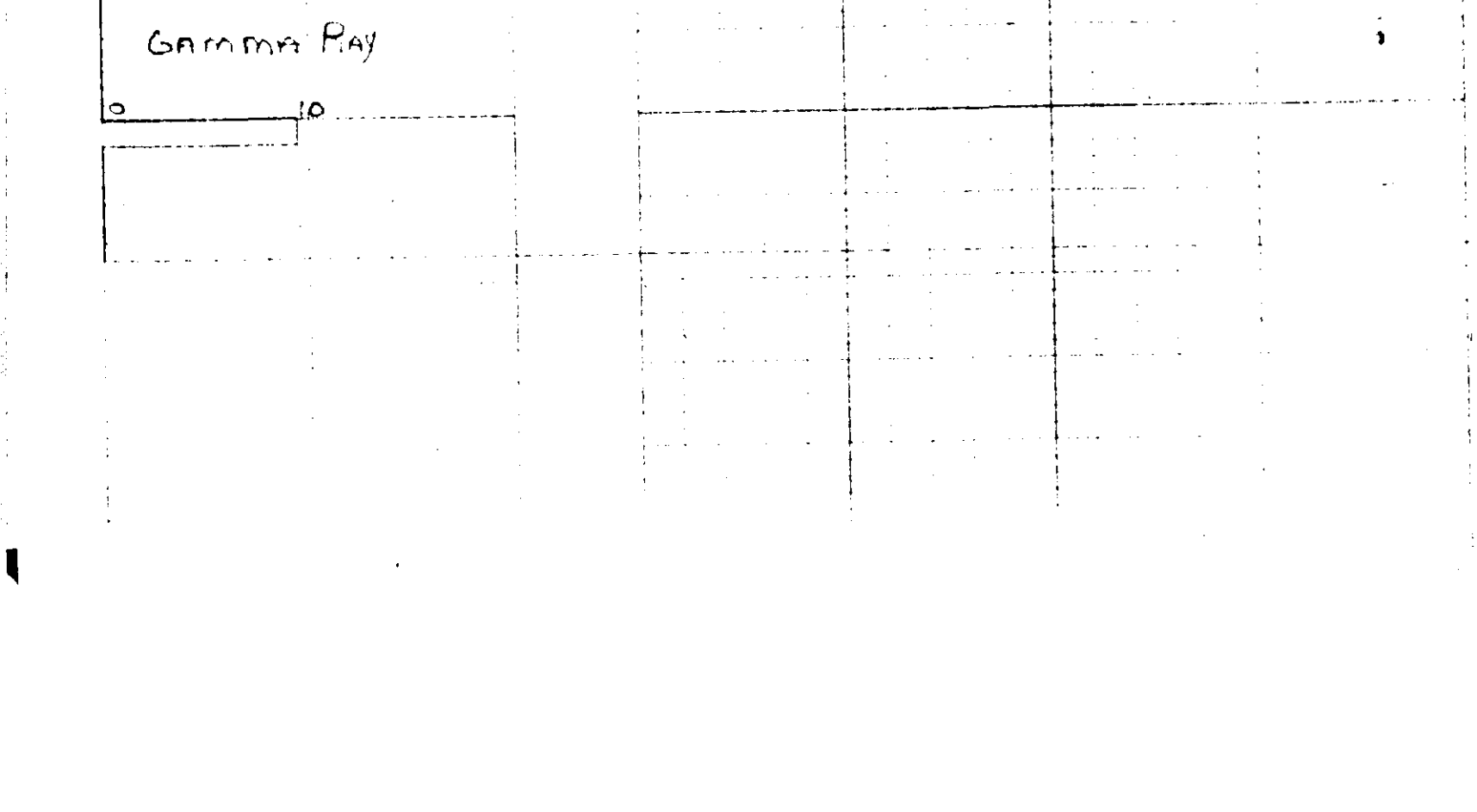
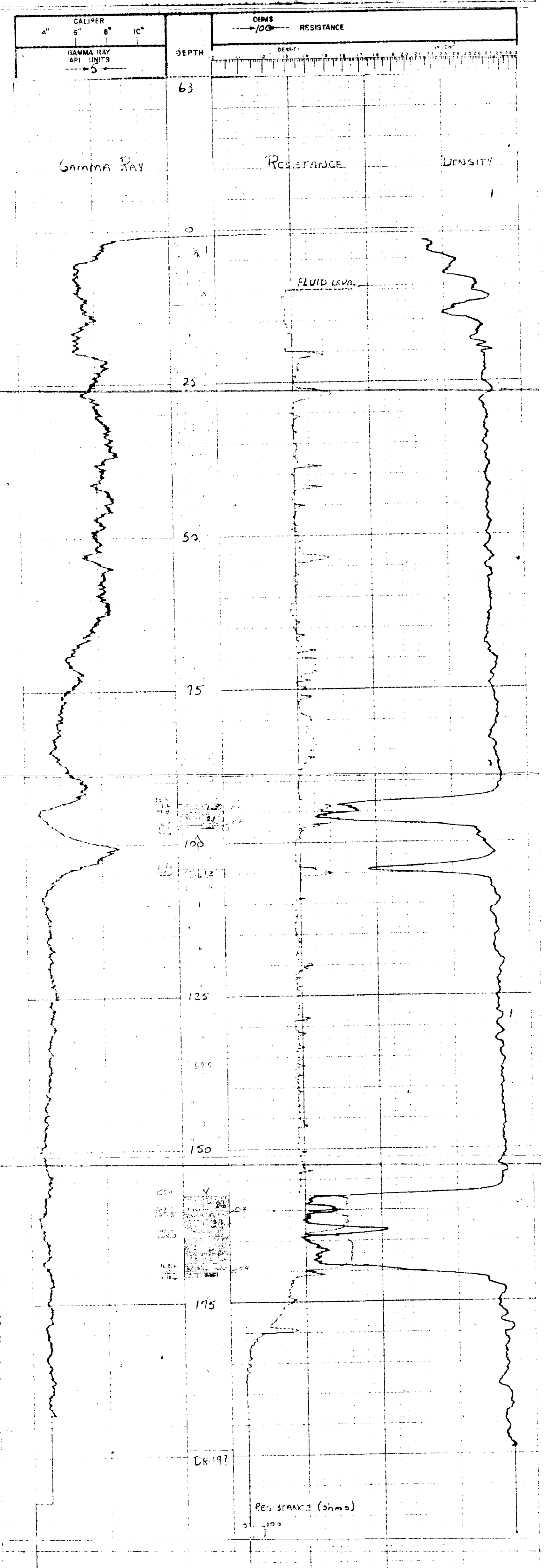
PROVINCE B.C. **4791**

DATE 14-7-53 HOLE NO. 14715  
 SURVEYOR D. DUNN DEPTH 199'  
 LOGGERS H. WILSON S. DASTON  
 EQUIPMENT Gamma Ray Resistivity

LOG NO.	LOG DATE	LOG TIME	LOG LOCATION	LOG DEPTH	LOG SURVEYOR	LOG LOGGERS	LOG EQUIPMENT
14715	14-7-53	10:00	147th & 150th St.	199'	D. DUNN	H. WILSON, S. DASTON	Gamma Ray, Resistivity

WELL NO.	WELL NAME	WELL TYPE	WELL STATUS
14715	Quinn	Oil	Producing

PC









8-67(c)

LEXCO TESTING LTD. GAMMA-DENSITY - RESISTANCE

700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA

HOLE QU-18-67 (C) SURVEYED DATA

LOCATION 1000 RT SEC TP RGE W ELEV. 1063

AREA Quinsam B.C. (2071) LOC. 155123 24742

PROVINCE B.C. (2071)

DATE April 18/78

DEPTH-DRILLER 228'

DEPTH-LOGGER 326'

FLUID LEVEL 75' +/-

LOGGING TIME 3:30

DRILLED BY R. SELL

RECORDED BY D. DUBBAR

WITNESSED BY S. GARDNER

BORE HOLE RECORD FROM 30' TO 40' SURF TO 30'

EQUIPMENT DATA

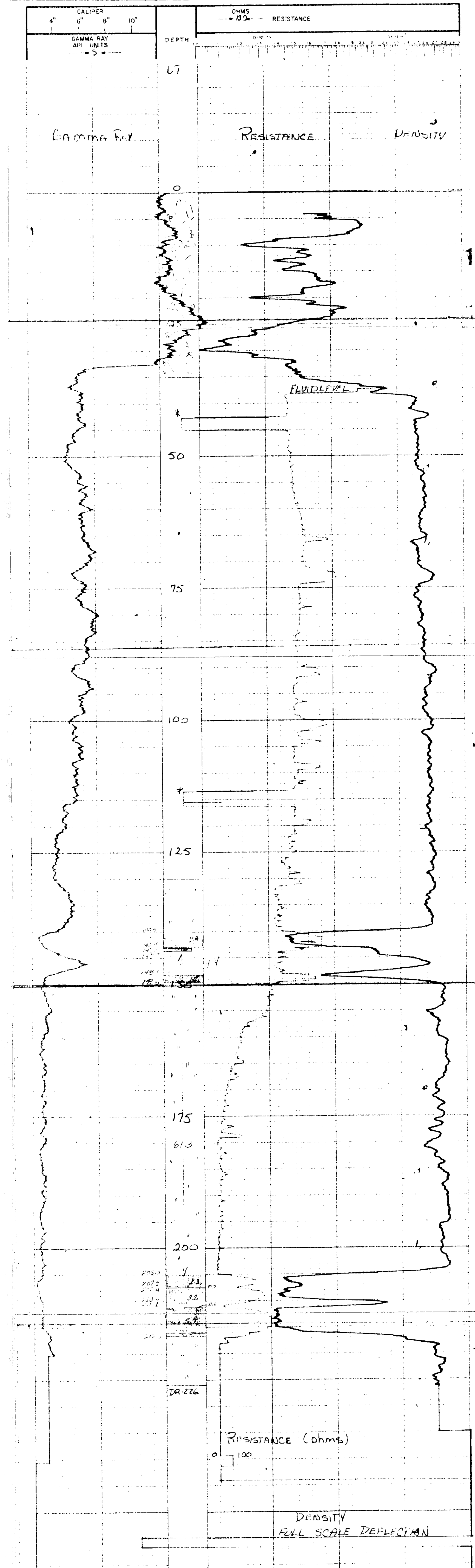
GAMMA RAY TOOL MODEL No. L-103 RESISTANCE L-103 DENSITY L-103 CALIPER L-103

DIAMETER 2 1/8" TYPE ME 2 1/8" F 2 1/8"

DETECTOR MODEL No. CP-516 SCINT SPACING 13"

LENGTH 3" HOP SCALE 100 SLDIHOV SOURCE MODEL 65-137

TRUCK No. 2 CAMBELL LOCATION KIDDER LOGGING DATA



GENERAL

MAIN DEPTH	SPEED	T.C.	SENC	TEPC	API UNITS	T.C.	SENC	DENSITY	TEPC
1	226'	0	12	4	100	5	1	1K	

REMARKS: RESISTANCE SHORT BETWEEN 8 43'-45' 113'-117'

Problems fixed

78-68

LEXCO TESTING LTD. GAMMA-DENSITY - RESISTANCE

700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA.

HOLE QU-78-68

LOCATION 157150 175047 SEC TP RGE W ELEV 1025 15744 LOC 180687

AREA QUINSM B.C. (21) 71

PROVINCE B.C. (21) 71

DATE April 17/68

DEPTH-QUALITY 240 230'

DEPTH-LOGGING 14.8'

LOGGING TIME 73.45'

DRILLED BY H. DUNSTON

RECORDED BY D. DUNSTON

WITNESSED BY S. CARROLL

BIT 5 1/2" 30'

BORE-HOLE RECORD 30'

RESISTANCE 312' 30.5'

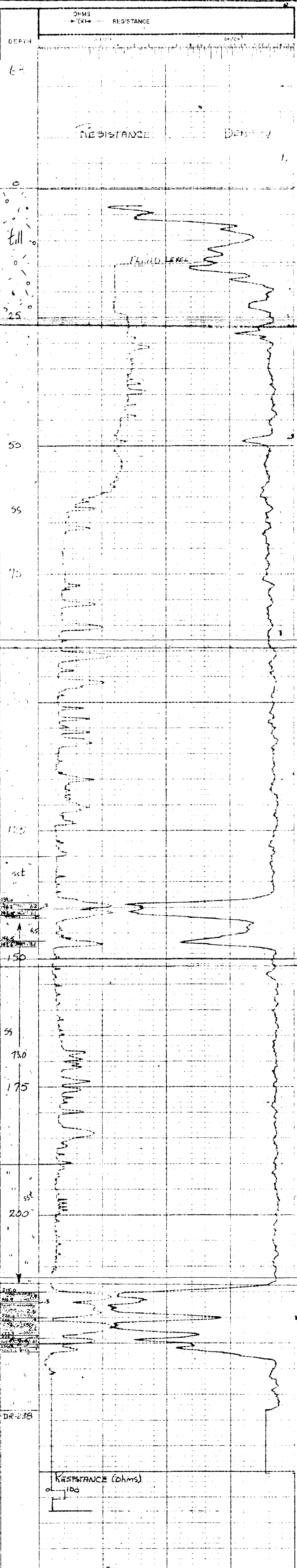
RESISTANCE 312' 30.5'

RESISTANCE 312' 30.5'

RESISTANCE 312' 30.5'

RESISTANCE 312' 30.5'

RESISTANCE 312' 30.5'



GENERAL	RESISTANCE	DENSITY	DEPTH
TRUCK No. 2	312'	30.5'	0
LOCATION Capri Hill			25
GENERAL			50
			55
			75
			100
			125
			150
			175
			200
			217.2

Gamma Ray  
0 C.P.S. 10

DR-238

78-65

# LEXCO TESTING LTD. GAMMA-DENSITY - RESISTANCE

700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA.

HOLE Q-28-65 SURVEYED DATA

LOCATION 750 RT SEC TP RGE W ELEV. 1574.7  
1574.7

AREA Quinsam LOC. 724 RT

PROVINCE B.C. (22271)

DATE April 11/78

DEPTH - DRILLER 240'

DEPTH - LOGGER 237'

FLUID LEVEL 75'

LOGGING TIME 75 hr.

DRILLED BY H. UNKETT

RECORDED BY S. DUNBAR

WITNESSED BY S. GARDNER

BORE-HOLE RECORD

BIT FROM TO SIZE CASING RECORD TO

5 1/4" 30' 5 1/2" 50' 5 1/2" 50'

EQUIPMENT DATA

GAMMA RAY TOOL MODEL No. L-103 TOOL MODEL No. L-103 RESISTANCE & DENSITY CALIPER

DIAMETER 2 1/8 DIAMETER 2 1/8 DIAMETER 2 1/8

DETECTOR MODEL No. CP-516 TYPE ME F

LENGTH 3 LENGTH 1 LENGTH 1

TRUCK No. 2 HOUR SCALE 100 (100) HOUP

LOCATION CAMPBELL ISOTOPE CS-137

LOGGING DATA

GENERAL

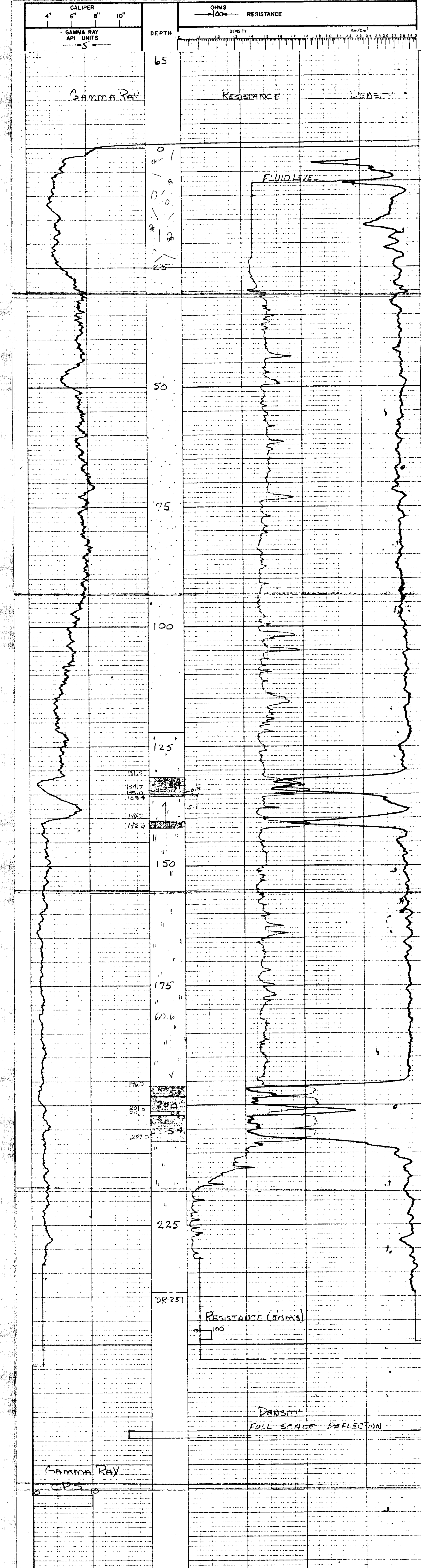
RUN DEPTHS SPEED T.C. SENS ZERO API UNITS T.C. SENS ZERO

No. FROM TO F/Min. SEC. SETTING PER DIV. DIV. DIV. DIV.

1 250' 0 12 4 104 S 1 1K 5L

REMARKS:

**3**



GAMMA RAY

CPS



M 78-69

**LEXCO TESTING LTD. GAMMA DENSITY - RESISTANCE**

700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA

HOLE Q11-28-69 SURVEYED DATA  
 LOCATION 250CT SEC TP RGE W ELEV. 1091  
 AREA QUILSIPA LOC. 166494 - 15667  
 PROVINCE B.C.

RUN No. 223  
 DATE April 20/58  
 DEPTH - LOGGER 290'  
 FLUID LEVEL 138'  
 LOGGING TIME 5:50 P.M.

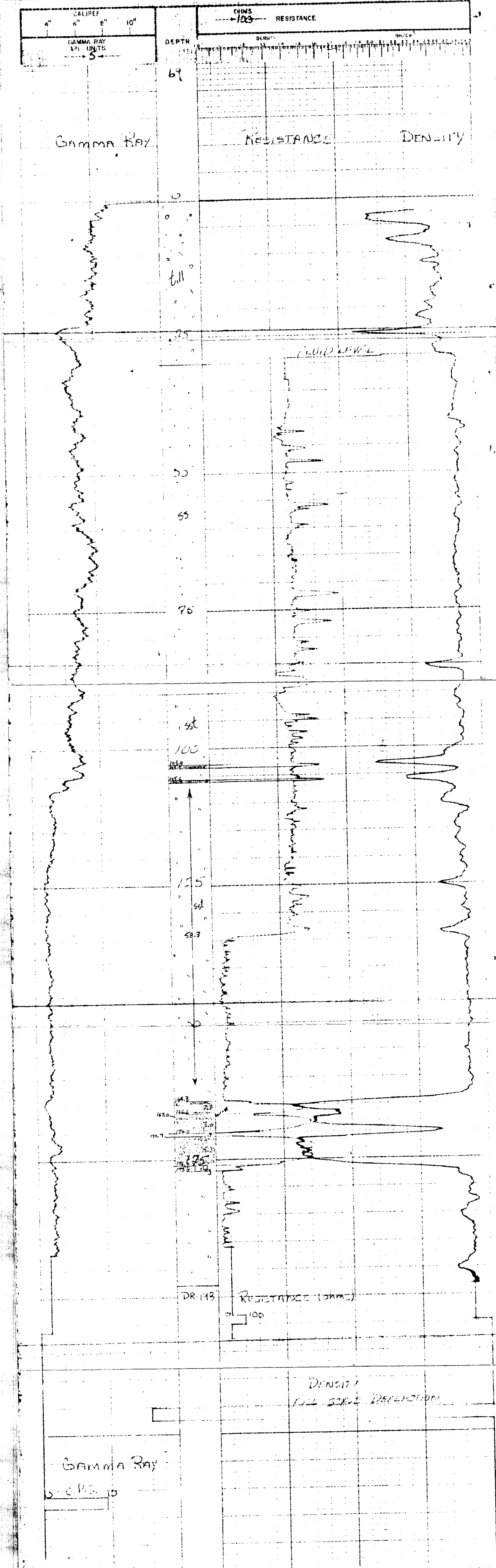
LOGGED BY D. KIMCOTT  
 CHECKED BY D. DAVISON  
 INTERSECTED BY S. GARLANDER

EQUIPMENT DATA  
 MODEL 474 SERIAL 440  
 SIZE 10" SURF NO.  
 SENS. 100

GENERAL DATA  
 CORE NUMBER 23 TEST NUMBER 1-03 DISTANCE 2 1/8"  
 DIAMETER 2 1/8" TYPE ME STRIP 18

TRUCK No. CAMPBELL HOR. SCALE 100 ST/IN  
 LOCATION XIVIER SOURCE MODEL 700P  
 ISOTOPE CS-137 STRIP WIDTH 125 m.c.

GENERAL	LOGGING DATA	CHANGES	REMARKS
RUN NO. <u>1</u>	DEPTH FROM <u>0</u> TO <u>12</u>	T.C. SENS. <u>100</u>	
DATE <u>1958</u>	FROM <u>0</u> TO <u>12</u>	APR UNITS <u>5</u>	
		PER DIV. <u>1</u>	
		T.C. SENS. <u>100</u>	
		TO SENS. <u>1</u>	
		SEC. SETTINGS <u>10</u>	
		75%N	



78-70

LEXCO TESTING LTD. GAMMA-DENSITY - RESISTANCE

700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA

HOLE QU-78-70 SURVEYED DATA

LOCATION 16250 SEC 17 T1 R9E W1 ELEV. 1081

AREA QUINSAPPA LOC. 102159 - 102161

PROVINCE B.C. (2471)

DATE April 25/78

DEPTH-DIMETER 220' 218'

DEPTH-LOGGER 191'

LOGGING TIME 15hr

DRILLED BY H. JUNGERT

RECORDED BY D. DUNBAR

WITNESSED BY S. SARDNER

BORE-HOLE RECORD TO 40' FROM SURF TO 40'

BIT 5 1/8" SURF TO 40' 4 1/8" 40' TO 40'

EQUIPMENT DATA

GAMMA RAY L-103 TOOL MODEL No. L-103 RESISTANCE L-103 DENSITY L-103 CALIPER L-103

TOOL MODEL No. L-103 DIAMETER 2 1/8" ME 2 1/8" ME 2 1/8"

DETECTOR MODEL No. CP-516 SCINT SCINT 13"

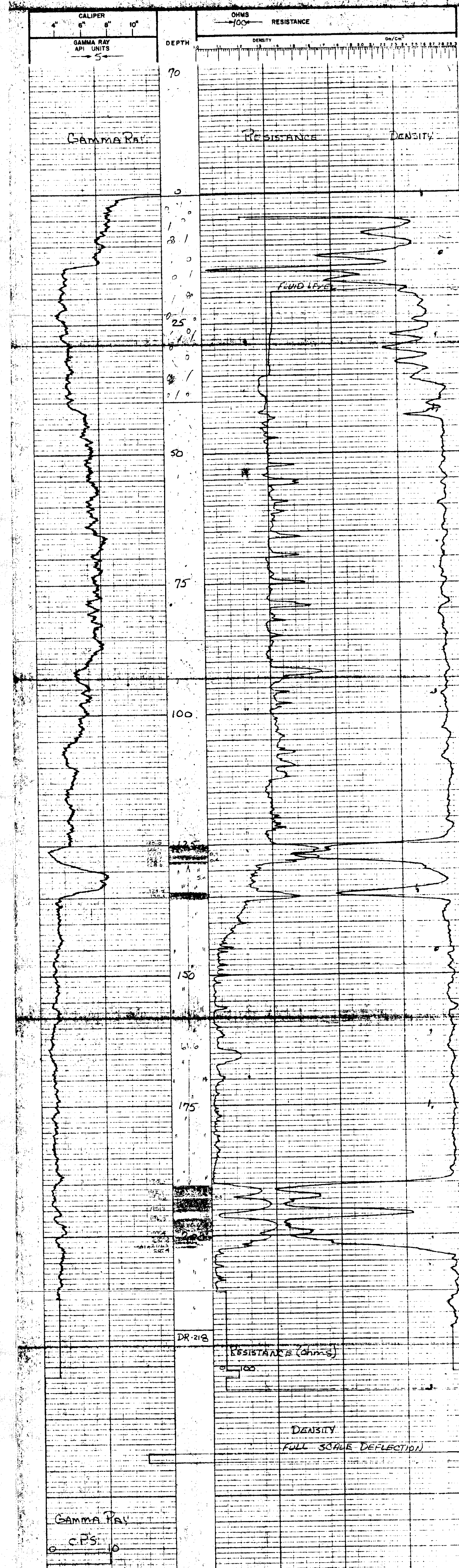
LENGTH 3" HOR SCALE 100% (112) HOVP

TRUCK No. 2 CAMPBELL SOURCE MODEL CS-137

LOCATION CAMPBELL ISOTOPE STRENGTH 125 m.c.

GENERAL LOGGING DATA

REMARKS



GAMMA RAY  
C.P.S.



78-71(c)

**LEXCO TESTING LTD. GAMMA-DENSITY - RESISTANCE**

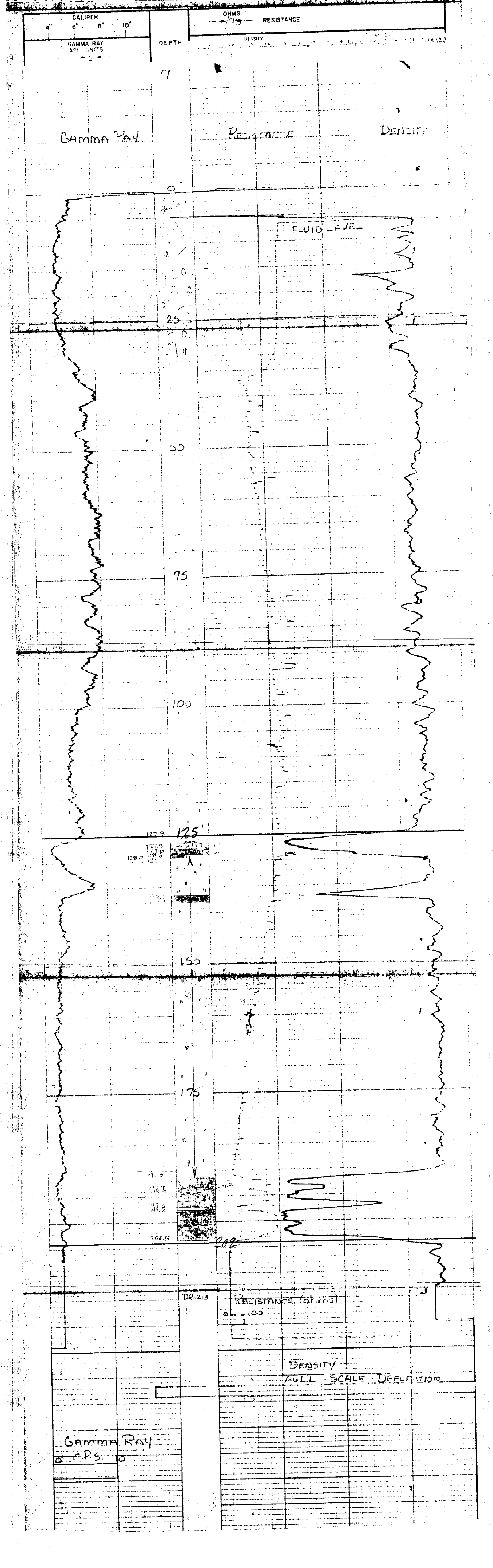
700 ROYAL \*RUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA

HOLE: QU-18 11 G SURVEYED DATA  
 LOCATION: 150+00 SEC TP RGE W ELEV. 1570  
 AREA: QUINSM 231 LOC. 8876-511 BT  
 PROVINCE: BC (225)

RUN No. 2  
 DATE: April 25, 1978  
 DEPTH - DRILLER: 215  
 DEPTH - LOGGER: 213  
 FLUID LEVEL: 6.3  
 LOGGING TIME: 7.5 hr  
 DRILLED BY: R. S. BERT  
 RECORDED BY: D. J. BERT  
 WITNESSED BY: S. GARDNER

EQUIPMENT DATA  
 GAMMA RAY TOOL MODEL No. L-103  
 DIAMETER 2 1/8" TYPE L-103  
 DETECTOR MODEL No. CP-516 ME 13"  
 LENGTH 3' HOUSING LENGTH 100 S.D.D.  
 TRUCK No. 2 HOV SCALE MOVP  
 LOCATION: 2 PART 10 BELL ISO TOPE CS-137  
 KIOSK LOGGING DATA STRENGTH 125 m.c.

GENERAL		GAMMA RAY		DENSITY	
DEPTH	SPEED	API UNITS	SECS	SECS	ZERO
1	12	5	100	1	1
2	12	5	100	1	1
3	12	5	100	1	1





N  
11-72

**LEXCO TESTING LTD. GAMMA-DENSITY - RESISTANCE**

700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA.

HOLE **QU-58-73** SURVEYED DATA

LOCATION **250 ST SEC 37 T14 R10E** ELEV **1044**

AREA **QUAISNOY** LOC **11/14 22 112**

PROVINCE **ALBERTA**

DATE **March 26, 1972**

DEPTH - LOGGER **2.89**

FLUID LEVEL **7.5 ft TALL**

LOGGING TIME **1.5**

DRILLED BY **H. DUNN**

RECORDED BY **S. DUNN**

WITNESSED BY **S. GARDNER**

SOIL-HOLE RECORD **NO**

BIT **5/8" REG**

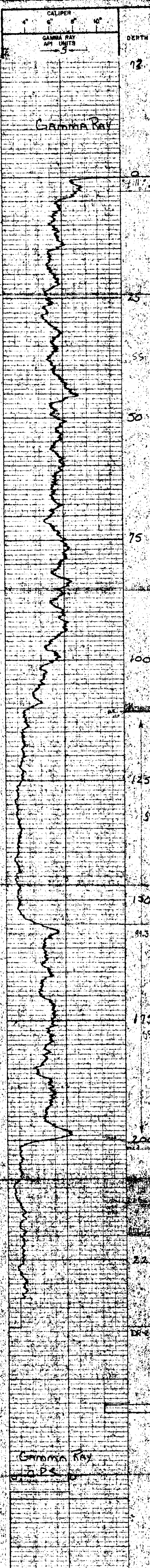
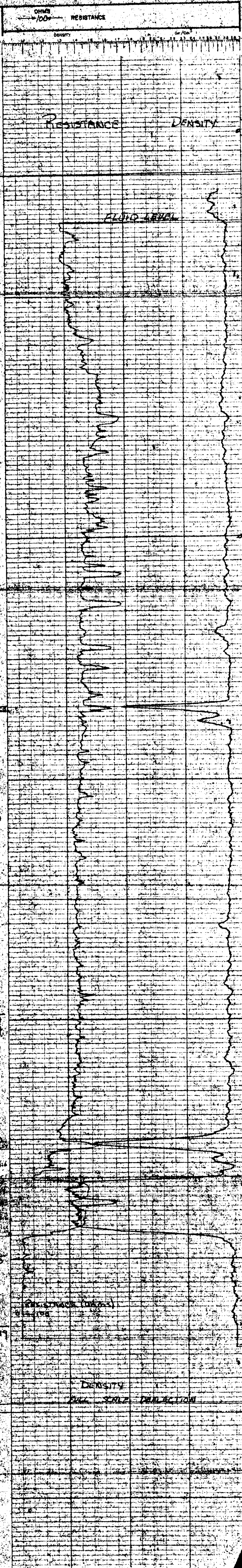
SIZE **NO**

TRUCK NO **2**

LOCATION **CHAMBERLAIN RIVER**

LOGGING DATA

REMARKS



RESISTANCE (OHMS)  
DENSITY  
FULL SCALE DEFLECTION

GAMMA RAY  
API UNITS



78-75

**LEXCO TESTING LTD. GAMMA-DENSITY - RESISTANCE**

700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA.

HOLE QU-78-75 SURVEYED DATA

LOCATION 147+50 SEC. 100 RT. TP. R5E W. 1048 ELEV. 1048

AREA QUINSAPO PROV. B.C. LOC. WZ-14-1160T

RUN No. 2 DATE April 26/78

DEPTH-DRILLER 204 DEPTH-LOGGER 204

LOGGING TIME 5.1 DRILLED BY KANS DRILLING

RECORDED BY L.D. DUNBAR WITNESSED BY S. CARDNER

BIT BORE-HOLE RECORD SIZE 1" FROM TO

TOOL MODEL No. L-103 RESISTANCE L-103 DENSITY L-103 CALIPER

DIAMETER 2 1/8" TYPE GP-516 ME 15'

SCANT 3 LENGTH 100

TRUCK No. 2 LOCATION AMPDRIEL RIVER

LOGGING DATA

GENERAL

API UNITS

PER DIV

SEC

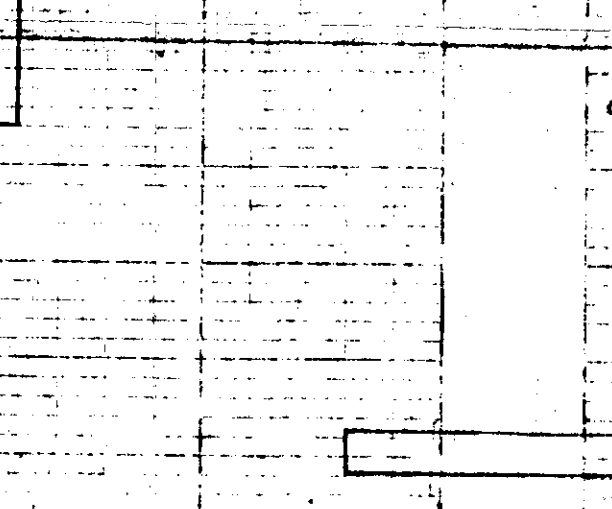
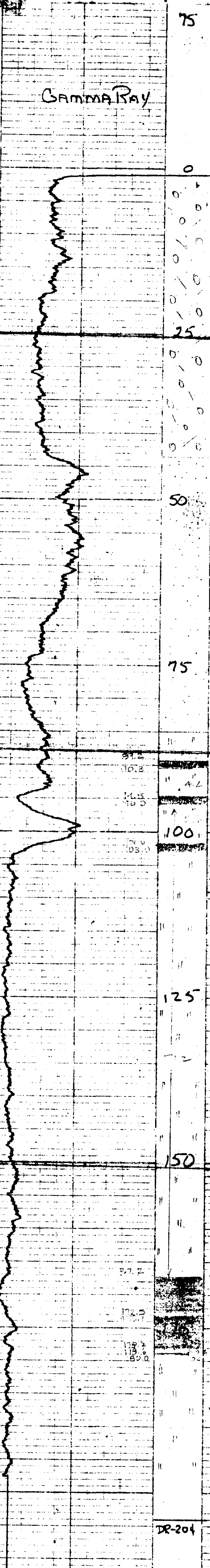
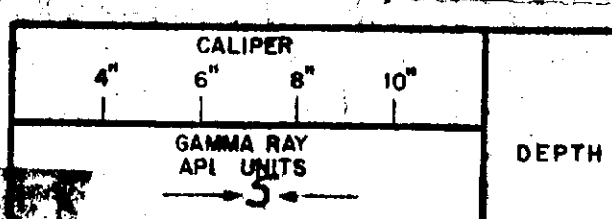
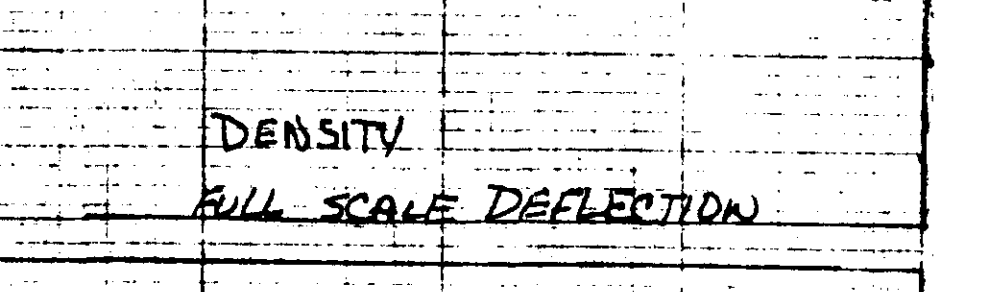
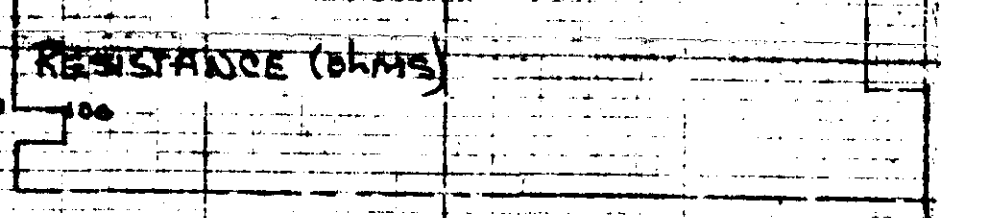
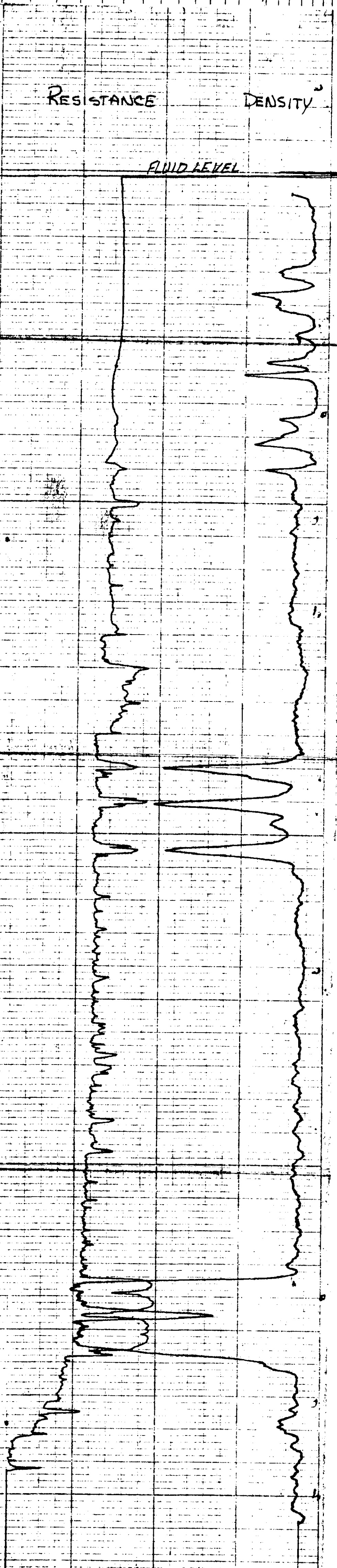
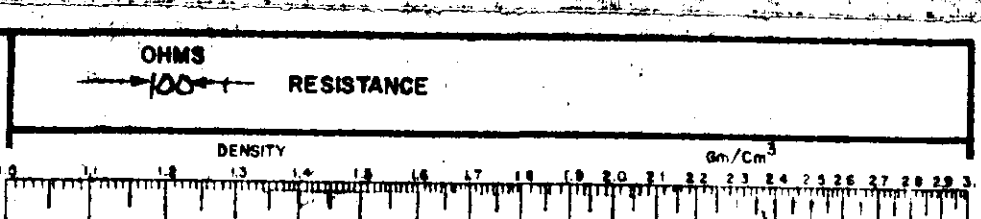
SETTINGS

PER DIV

SEC

SETTINGS

REMARKS



GAMMA RAY  
C.P.S.

8-76

LEXCO TESTING LTD. GAMMA-DENSITY - RESISTANCE

700 R.O. RUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA

HOLE QU-78-76 SURVEYED DATA

LOCATION 206 ST SEC 1P RGE W ELEV. 1093

AREA QUINSARM LOC 14241-522R

PROVINCE BC (22871)

DATE April 27, 1978

DEPTH-DRILLER 204'

DEPTH-LOGGER 203'

FLUID LEVEL 12.5'

LOGGING TIME 1.75 hr

DRILLED BY Keith DeLoux

RECORDED BY D. QUINSARM

WITNESSED BY S. GARDNER

BIT 6" SURF TD

EQUIPMENT DATA

GAMMA RAY L-103

TOOL MODEL NO. L-103

DIAMETER 2 1/8"

DETECTOR MODEL NO. CP-516

GENERAL

TRUCK No. 2 CAMPBELL

ISOTOPE 100S (100)

STRENGTH 65-137

LOGGING DATE

GENERAL

DEPTH FROM TO

SPEED F/WR

T.C. SEC

SENS. ZERO

APR. UNITS PER DIV

G.C. SEC

SENS. ZERO

REMARKS

RESISTANCE

DENSITY

CALIBER

GAMMA RAY

AP. UNITS

DEPTH

OHMS

RESISTANCE

DENSITY

FLUID LEVEL

RESISTANCE (ohms)

DENSITY FULL SCALE DEFLECTION

GAMMA RAY

G.C.P.S.

DR-203

RESISTANCE (ohms)

DENSITY FULL SCALE DEFLECTION

GAMMA RAY

G.C.P.S.

DR-203

RESISTANCE (ohms)

DENSITY FULL SCALE DEFLECTION

GAMMA RAY

G.C.P.S.

DR-203

RESISTANCE (ohms)

DENSITY FULL SCALE DEFLECTION

GAMMA RAY

G.C.P.S.

DR-203

RESISTANCE (ohms)

DENSITY FULL SCALE DEFLECTION

GAMMA RAY

G.C.P.S.

DR-203

RESISTANCE (ohms)

DENSITY FULL SCALE DEFLECTION

GAMMA RAY

G.C.P.S.

DR-203

RESISTANCE (ohms)

DENSITY FULL SCALE DEFLECTION

GAMMA RAY

G.C.P.S.

DR-203

RESISTANCE (ohms)

DENSITY FULL SCALE DEFLECTION

GAMMA RAY

G.C.P.S.

DR-203

RESISTANCE (ohms)

DENSITY FULL SCALE DEFLECTION

GAMMA RAY

G.C.P.S.

DR-203

RESISTANCE (ohms)

DENSITY FULL SCALE DEFLECTION

GAMMA RAY

G.C.P.S.

DR-203

RESISTANCE (ohms)

DENSITY FULL SCALE DEFLECTION

GAMMA RAY

G.C.P.S.

DR-203

RESISTANCE (ohms)

DENSITY FULL SCALE DEFLECTION

GAMMA RAY

G.C.P.S.

DR-203

RESISTANCE (ohms)

DENSITY FULL SCALE DEFLECTION

GAMMA RAY

G.C.P.S.

DR-203

RESISTANCE (ohms)

DENSITY FULL SCALE DEFLECTION

GAMMA RAY

G.C.P.S.

DR-203

RESISTANCE (ohms)

DENSITY FULL SCALE DEFLECTION

GAMMA RAY

G.C.P.S.

DR-203

RESISTANCE (ohms)

DENSITY FULL SCALE DEFLECTION

GAMMA RAY

G.C.P.S.

DR-203

RESISTANCE (ohms)

DENSITY FULL SCALE DEFLECTION

GAMMA RAY

G.C.P.S.

DR-203

RESISTANCE (ohms)

DENSITY FULL SCALE DEFLECTION

GAMMA RAY

G.C.P.S.

DR-203

RESISTANCE (ohms)

DENSITY FULL SCALE DEFLECTION

GAMMA RAY

G.C.P.S.

DR-203

RESISTANCE (ohms)

DENSITY FULL SCALE DEFLECTION

GAMMA RAY

G.C.P.S.

DR-203

RESISTANCE (ohms)

DENSITY FULL SCALE DEFLECTION

GAMMA RAY

G.C.P.S.

DR-203

RESISTANCE (ohms)

DENSITY FULL SCALE DEFLECTION

GAMMA RAY

G.C.P.S.

DR-203

RESISTANCE (ohms)

DENSITY FULL SCALE DEFLECTION

GAMMA RAY

G.C.P.S.

DR-203

RESISTANCE (ohms)

DENSITY FULL SCALE DEFLECTION

GAMMA RAY

G.C.P.S.

DR-203

RESISTANCE (ohms)

DENSITY FULL SCALE DEFLECTION

GAMMA RAY

G.C.P.S.

DR-203

RESISTANCE (ohms)

DENSITY FULL SCALE DEFLECTION

GAMMA RAY

G.C.P.S.

DR-203

RESISTANCE (ohms)

DENSITY FULL SCALE DEFLECTION

GAMMA RAY

G.C.P.S.

DR-203

RESISTANCE (ohms)

DENSITY FULL SCALE DEFLECTION

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G.C.P.S.

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RESISTANCE (ohms)

DENSITY FULL SCALE DEFLECTION

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DR-203

RESISTANCE (ohms)

DENSITY FULL SCALE DEFLECTION

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G.C.P.S.

DR-203

RESISTANCE (ohms)

DENSITY FULL SCALE DEFLECTION

GAMMA RAY

G.C.P.S.

DR-203

RESISTANCE (ohms)

DENSITY FULL SCALE DEFLECTION

GAMMA RAY

G.C.P.S.

DR-203

RESISTANCE (ohms)

DENSITY FULL SCALE DEFLECTION

GAMMA RAY

G.C.P.S.

DR-203

RESISTANCE (ohms)

DENSITY FULL SCALE DEFLECTION

GAMMA RAY

G.C.P.S.

DR-203

RESISTANCE (ohms)

DENSITY FULL SCALE DEFLECTION

GAMMA RAY

G.C.P.S.

DR-203

RESISTANCE (ohms)

DENSITY FULL SCALE DEFLECTION

GAMMA RAY

G.C.P.S.

DR-203

RESISTANCE (ohms)

DENSITY FULL SCALE DEFLECTION

GAMMA RAY

G.C.P.S.

DR-203

RESISTANCE (ohms)

DENSITY FULL SCALE DEFLECTION

GAMMA RAY

G.C.P.S.

DR-203

RESISTANCE (ohms)

DENSITY FULL SCALE DEFLECTION

GAMMA RAY

G.C.P.S.

DR-203

RESISTANCE (ohms)

DENSITY FULL SCALE DEFLECTION

GAMMA RAY

G.C.P.S.

DR-203

RESISTANCE (ohms)

DENSITY FULL SCALE DEFLECTION

GAMMA RAY

G.C.P.S.

DR-203

RESISTANCE (ohms)

DENSITY FULL SCALE DEFLECTION

GAMMA RAY

G.C.P.S.

DR-203

RESISTANCE (ohms)

DENSITY FULL SCALE DEFLECTION

GAMMA RAY

G.C.P.S.

DR-203

RESISTANCE (ohms)

DENSITY FULL SCALE DEFLECTION

GAMMA RAY

G.C.P.S.

DR-203

RESISTANCE (ohms)

DENSITY FULL SCALE DEFLECTION

GAMMA RAY

G.C.P.S.

DR-203

RESISTANCE (ohms)

DENSITY FULL SCALE DEFLECTION

GAMMA RAY

G.C.P.S.

DR-203

RESISTANCE (ohms)

DENSITY FULL SCALE DEFLECTION

GAMMA RAY

G.C.P.S.

DR-203

RESISTANCE (ohms)

DENSITY FULL SCALE DEFLECTION

GAMMA RAY

G.C.P.S.

DR-203

RESISTANCE (ohms)

DENSITY FULL SCALE DEFLECTION

GAMMA RAY

G.C.P.S.

DR-203

RESISTANCE (ohms)

DENSITY FULL SCALE DEFLECTION

GAMMA RAY

G.C.P.S.

DR-203

RESISTANCE (ohms)

DENSITY FULL SCALE DEFLECTION

GAMMA RAY

G.C.P.S.

DR-203

RESISTANCE (ohms)

DENSITY FULL SCALE DEFLECTION

GAMMA RAY

G.C.P.S.

DR-203

RESISTANCE (ohms)

DENSITY FULL SCALE DEFLECTION



**LEXCO TESTING LTD. GAMMA-DENSITY - RESISTANCE**

700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA.

HOLE QU-78-12 SURVEYED DATA

LOCATION 141+53 400 LT SEC TP RGE W ELEV. 242

AREA QUINSMAN LOC. 47431 - 388 LT

PROVINCE B.C. (22971)

DATE April 25/78

DEPTH-DRILLER 144'

DEPTH-LOGGER 143'

FLUID LEVEL 63'

LOGGING TIME 5 1/2 HRS

DRILLED BY KENS DRILLING

RECORDED BY D. DUNBAR

WITNESSED BY S. CARONIER

BIT BORE-HOLE RECORD

6" FROM 50 FT TO T.D. 6" FROM 50 FT TO 60'

EQUIPMENT DATA

GAMMA RAY TOOL MODEL No. L-103 RESISTANCE TOOL MODEL No. L-103 DENSITY TOOL MODEL No. L-103 CALIPER

DIAMETER 2 1/8" DIAMETER 2 1/8" WIRE 2 1/8"

DETECTOR MODEL No. GP-516 TYPE MFE

TYPE SCINT SPRING LENGTH 13"

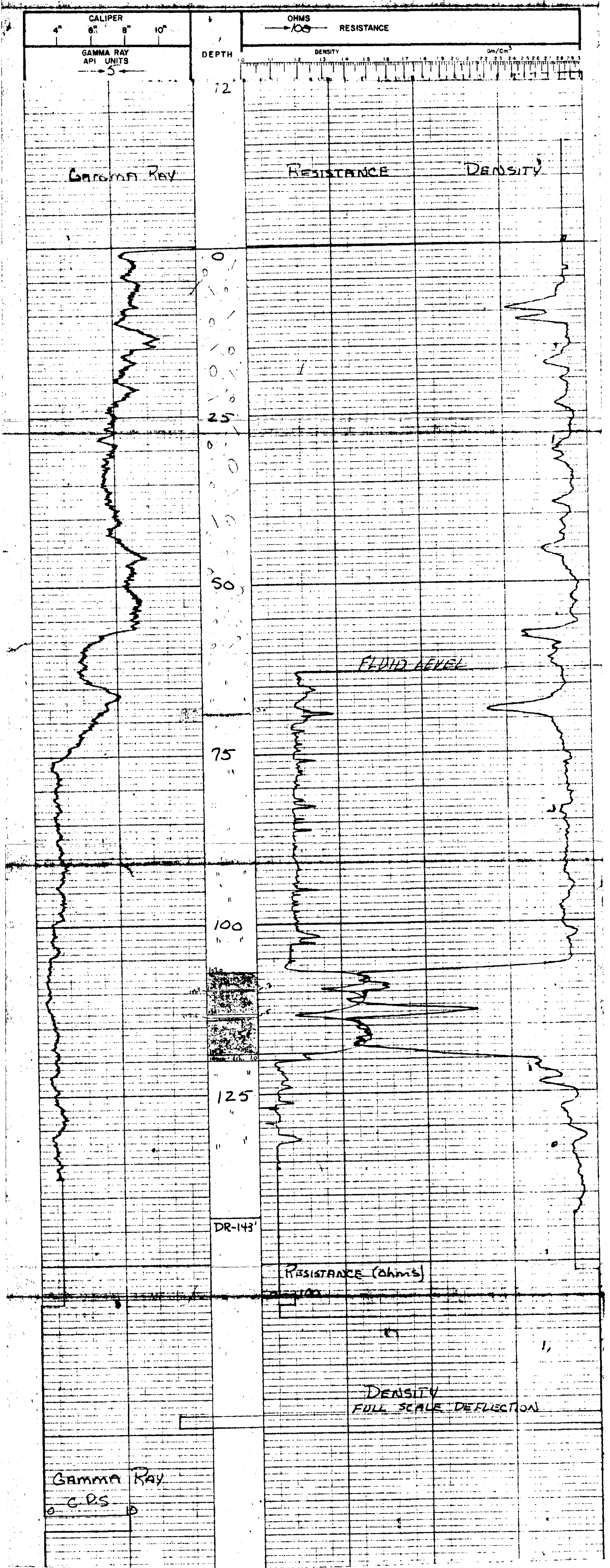
LENGTH 3" HOR. SCALE 100% HOVP

TRUCK No. 2 CAMPAPELL SOURCE MODEL CS-137

LOCATION RIDER LOGGING DATA

GENERAL		GAMMA RAY		DENSITY			
RUN No.	DEPTHS	SPEED F/Min	T.C. SEC	SENS ZERO	API UNITS PER DIV.	T.C. SEC	SENS ZERO
1	143'	0	1/2	4	100	1	15

REMARKS: 22







7000 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA

HOLE: G-1118-78

DATE: 10/10/78

LOG SHEET NO. 100

DEPTH: 100

LOG SHEET NO. 100

LOG SHEET NO. 100

LOG SHEET NO. 100

LOG SHEET NO. 100

LOG SHEET NO. 100

LOG SHEET NO. 100

LOG SHEET NO. 100

LOG SHEET NO. 100

LOG SHEET NO. 100

LOG SHEET NO. 100

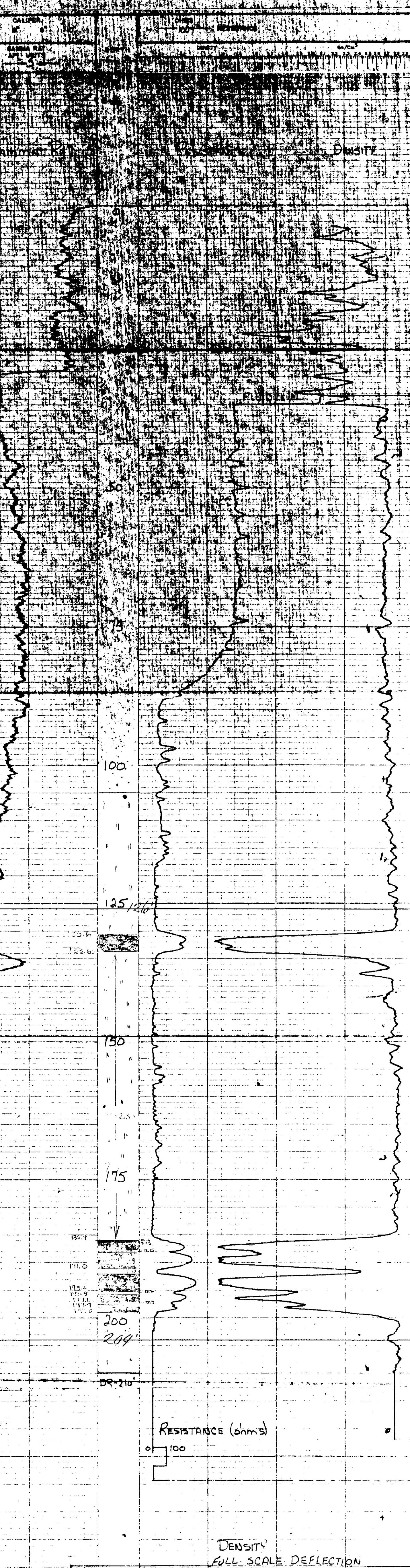
LOG SHEET NO. 100

LOG SHEET NO. 100

LOG SHEET NO. 100

LOG SHEET NO. 100

78-79



RESISTANCE (ohms)

DENSITY FULL SCALE DEFLECTION

GAMMA RAY  
0 C.P.S.



7A-80

**LEXCO TESTING LTD. GAMMA DENSITY - RESISTANCE**

700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA.

HOLE OU-78-80 SURVEYED DATA  
 LOCATION 500 R. SEC 17 ELEV. 1213  
 AREA QUINSAM LOC. 32-71  
 PROVINCE BC

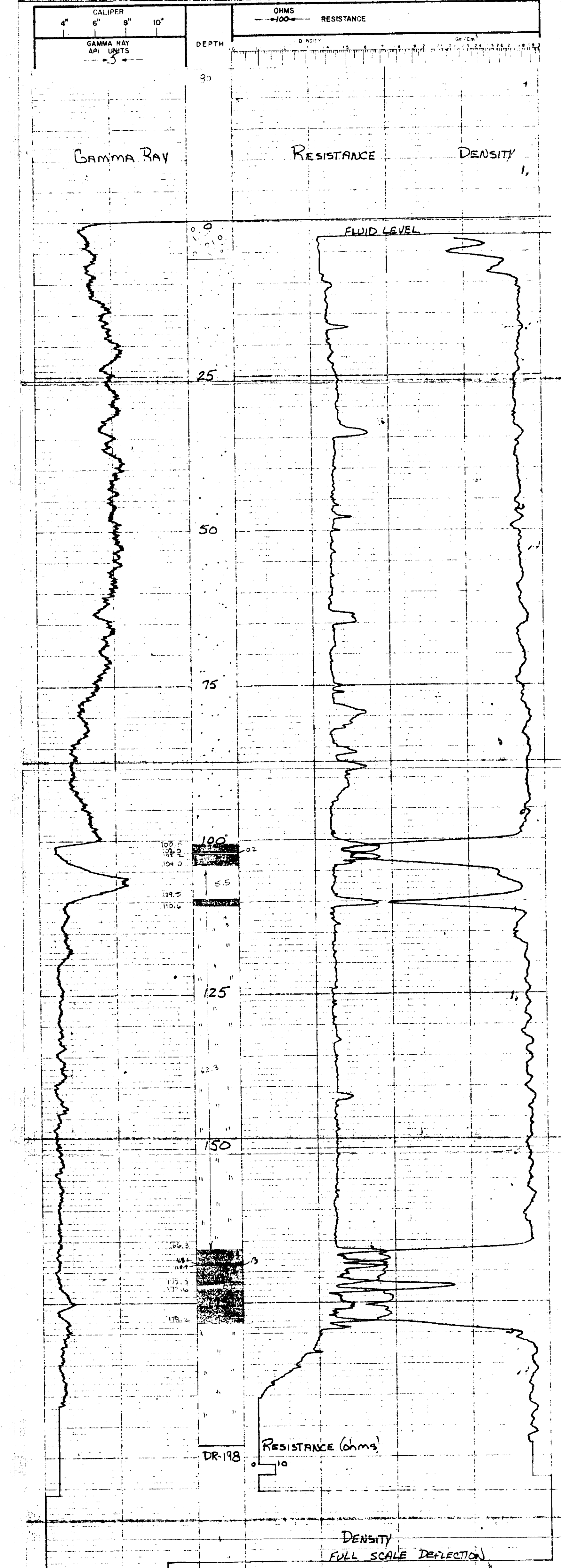
RUN No. 2  
 DATE Apr 28 1980  
 DEPTH-DRILLER 2,0'  
 DEPTH-LOGGER 198'  
 FLUID LEVEL 145'  
 LOGGING TIME 75hr  
 DRILLED BY H DUNCAN  
 RECORDED BY D DUNBAR  
 WITNESSED BY S GARDNER

BORE-HOLE RECORD  
 BIT 5 1/2" SURF TO 8'  
 CASING RECORD  
 SIZE FROM 5 1/2" SURF TO 8"

GAMMA RAY				EQUIPMENT DATA			
TOOL MODEL No	L-103	TOOL MODEL No	RESISTANCE	DENSITY	CALIPER		
DIAMETER	2 1/8"	DIAMETER	2 1/8"	2 1/8"			
DETECTOR MODEL No	CP-516	TYPE	ME	F			
TYPE	SCINT	SPACING		13"			
LENGTH	3'	LENGTH					
TRUCK No	2	HOR SCALE	100 S/L/B	HOVP			
LOCATION	CAMPBELL RIVER	SOURCE MODEL	CS-137	ISOIOP			
		STRENGTH	125 m.c.				

GENERAL				GAMMA RAY				DENSITY			
RUN No	DEPTHS FROM TO	SPEED F/Min	T.C. SEC	SENS. ZERO	API UNITS PER DIV	T.C. SEC	SENS. SETTINGS	ZEPIC			
1	198	0	12	4	100	5	1	1K			



GAMMA RAY  
 0 C.P.S. 10







**LEXCO TESTING LTD. GAMMA-DENSITY - RESISTANCE**

700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA.

HOLE Q1-78-83 SURVEYED DATA

LOCATION 152+80 SEC TP RGE W ELEV. 1025

AREA QUINSMAN 13571 LOC. 152+80-1420

PROVINCE B.C.

DATE April 30/78

DEPTH-DRILLER 240' 240'

DEPTH-LOGGER 240' 240'

FLUID LEVEL 15m TAG

LOGGING TIME 15m TAG

DRILLED BY H. JINCELY

RECORDED BY P. DUNBAR

WITNESSED BY S. GARDNER

BORE-HOLE RECORD

BIT SIZE FROM TO CASING RECORD FROM TO

5/8" SURF 30' 5/8" SURF 30'

4/8" SURF 30' 4/8" SURF 30'

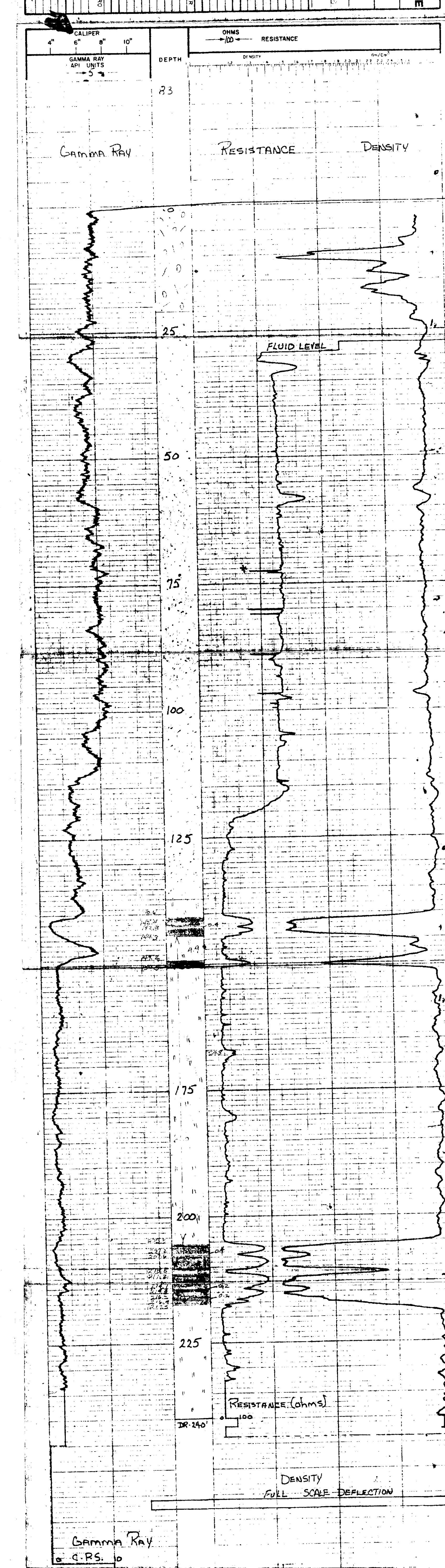
EQUIPMENT DATA

GAMMA RAY TOOL MODEL NO. L-103 RESISTANCE TOOL MODEL NO. L-103 DENSITY TOOL MODEL NO. L-103 CALIBER

DIAMETER 2 1/8" TYPE ME 2 1/8" F

DETECTOR MODEL NO. GP-516 SCINT SPACING 1" 13"

TYPE 3" LENGTH 1" HOPE SCALE 100 CALIB. HOPE



GENERAL	GAMMA RAY	RESISTANCE	DENSITY
TOOL MODEL NO. L-103	TOOL MODEL NO. L-103	TOOL MODEL NO. L-103	CALIBER
DIAMETER 2 1/8"	DIAMETER 2 1/8"	DIAMETER 2 1/8"	
DETECTOR MODEL NO. GP-516	TYPE ME	TYPE ME	
TYPE 3"	SCINT SPACING 1"	SCINT SPACING 1"	
LENGTH 1"	HOPE SCALE 100 CALIB.	HOPE SCALE 100 CALIB.	
TRUCK No. 2	SOURCE MODEL CS-137	SOURCE MODEL CS-137	
LOCATION Campbell	ISOTOPE CS-137	ISOTOPE CS-137	
	STRENGTH 25 mC	STRENGTH 25 mC	

GENERAL	GAMMA RAY	RESISTANCE	DENSITY
DEPTH FROM TO	SPEED FROM TO	T.C. SENS PER DIV	T.C. SENS PER DIV
1 240	0 12	4 100	5 100

REMARKS Fish moulded while recording Log.

CALIPER 4" 6" 8" 10"

GAMMA RAY API UNITS

OHMS RESISTANCE

DENSITY gm/cm<sup>3</sup>

DEPTH

GAMMA RAY RESISTANCE DENSITY



18-84

**LENCO TESTING LTD. GAMMA-DENSITY RESISTANCE**

700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA.

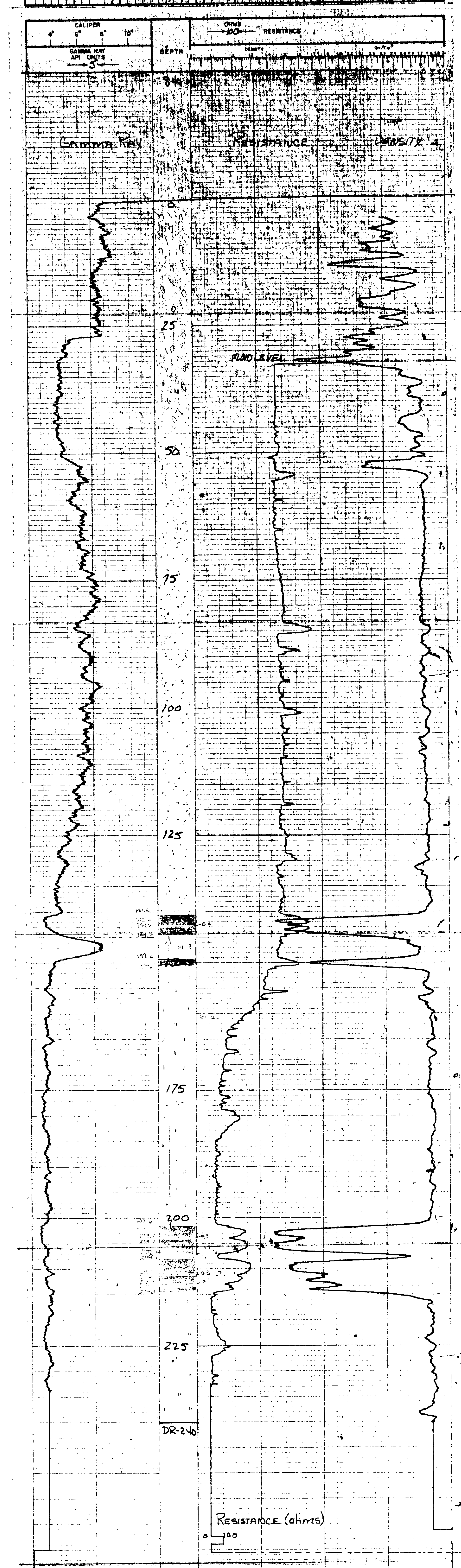
HOPE **GL-718-B4** SURVEYED DATA  
 ELEV. 558  
 LOC. 16483-16486

WELL NO. **80-236-1**

DATE **April 30/78**  
 TIME **1:30**  
 LOGGERS **W. J. ...**

GENERAL	DEPTH	T.C.	SENS.	ZERO	API UNITS	T.C.	SENS.	ZERO
APR FROM TO	11	4	100	0	1	1	100	12
PLUG	0	11	4	100	0	1	100	12

RESISTANCE	DENSITY	CALIBER
OHMS	g/cm <sup>3</sup>	INCHES
100	1.00	6"
		8"
		10"



Gamma Ray  
 0 C.P.S. 10

RESISTANCE (ohms)  
 0 100

DENSITY  
 FULL SCALE DEFLECTION

78-85

**LEXCO TESTING LTD. GAMMA-DENSITY - RESISTANCE**

700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA.

HOLE QU-18-85 SURVEYED DATA  
 LOCATION 137-50 500 RT SEC TP RGE W ELEV. 1374.72 - 548.02  
 AREA QUINSMAN LOC. 1024  
 PROVINCE B.C. (23771)

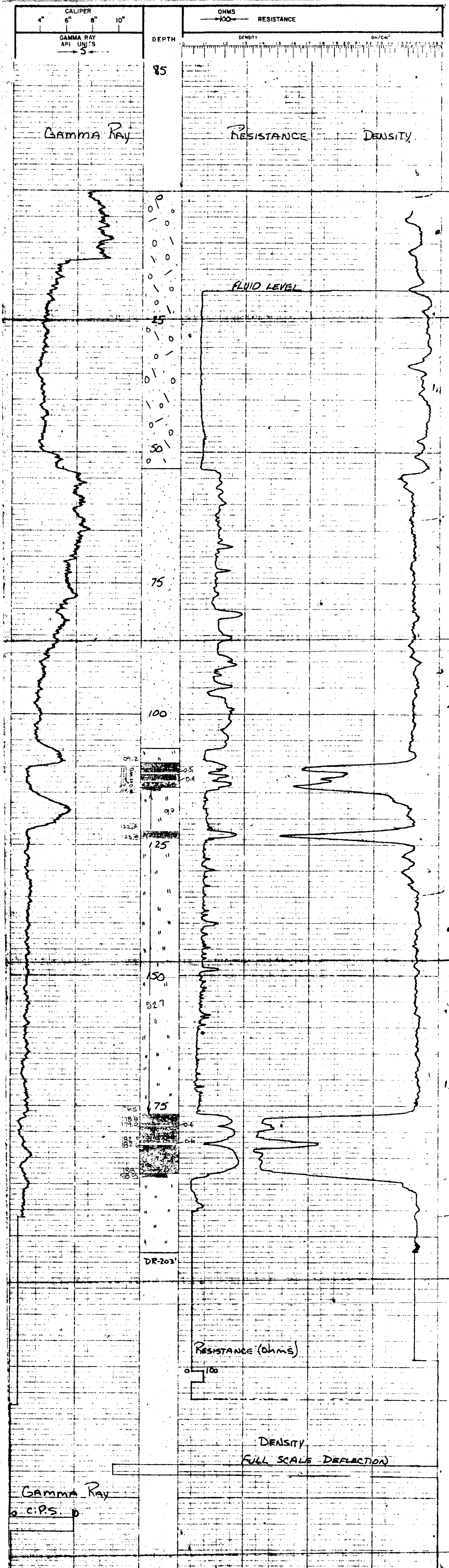
RUN NO. 2  
 DATE MAY 1 1978  
 DEPTH-DRILLER 204'  
 DEPTH-LOGGER 203'  
 FLUID LEVEL 19'  
 LOGGING TIME 25 AC  
 DRILLED BY KANS DRILLING  
 RECORDED BY D. DUNBAR  
 WITNESSED BY S. GARDNER

BORE-HOLE RECORD  
 BIT FROM 6" TO 6" SIZE FROM SURF TO 53'  
 T.D. 6"

EQUIPMENT DATA  
 GAMMA RAY TOOL MODEL NO. L-103 RESISTANCE TOOL MODEL NO. L-103 DENSITY TOOL MODEL NO. L-103 CALIPER  
 DIAMETER 2 1/8" DETECTOR MODEL NO. CP-516 TYPE SCINT ME F SPACING 13" SCINT LENGTH 3"  
 TRUCK No. 2 HOR. SCALE 100 G/DI HOVP CS-137  
 LOCATION Campbell ISOTOPE CS-137 STRENGTH 125 m.c.

LOGGING DATA  
 GENERAL  
 RUN NO. 1 DEPTH FROM 0 TO 12 SPEED 12 T.C. SEC. 4 SENS. ZERO 100 API UNITS PER DIV. 5 T.C. SEC. 1 SENS. SETTINGS 1K ZERO

REMARKS  
2







**LEXCO TESTING LTD. GAMMA-DENSITY-RESISTANCE**

700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA.

HOLE QU-78-87 SURVEYED DATA

LOCATION 162+50 ELEV. 1079

AREA QUINSAM LOC. K2+49 - 54847

PROVINCE B.C.

DATE MAY 1 1978

DEPTH-DRILLER 140'

DEPTH-LOGGER 138'

FLUID LEVEL 11'

LOGGING TIME 5hr total

DRILLED BY H. VINCENT

RECORDED BY P. DUNSTON

WITNESSED BY S. GARDNER

BIT 5 1/2" Surf TO 20' SIZE 5 1/2" CASING RECORD FROM Surf TO 20'

BORE-HOLE RECORD 4 1/2" T.D.

EQUIPMENT DATA

GAMMA RAY TOOL MODEL No. L-803 TOOL MODEL No. L-103 RESISTANCE L-103 DENSITY L-103 CALIPER

DIAMETER MODEL No. 2 1/8" DIAMETER 2 1/8"

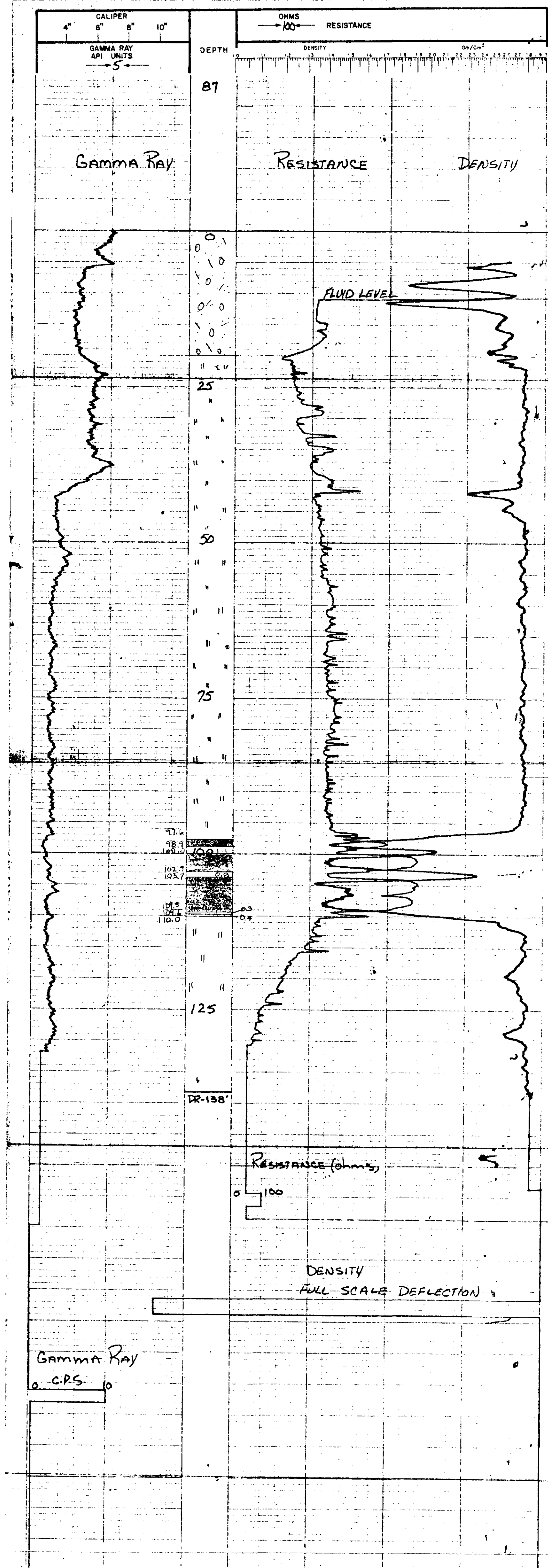
DETECTOR MODEL No. CP-516 TYPE ME F 13"

SCINT 3" SPACING 1"

LENGTH 3"

GENERAL TRUCK No. 2 HOR SCALE 100 S/d/u SOURCE MODEL CS-137 ISOTOPE 125 m.c. LOCATION CAMPBELL LOGGING DATA KUBER

REMARKS



GENERAL		GAMMA RAY		RESISTANCE		DENSITY			
NO.	DEPTH	SPEED	T.C.	SENS.	ZERO	API UNITS	T.C.	SENS.	ZERO
1	FROM	TO	F/Min	SEC.	SETTINGS	PER DN.	SEC.	SETTINGS	PER DN.
1	0	138	12	4	100	5	1	1K	



LEXCO TESTING LTD. GAMMA-DENSITY - RESISTANCE

700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA.

HOLE QU-78-92c SURVEYED DATA

LOCATION BASELINE SEC TP RGE W ELEV. 1095

AREA Quinsburg LOC. 167+89 761

PROVINCE B.C. (2371)

RUN No. DATE May 3 1918

DEPTH-DRILLER 148'

DEPTH-LOGGER 149'

FLUID LEVEL 18'

LOGGING TIME 5 hr total

DRILLED BY R. SALT

RECORDED BY D. DUNBAR

WITNESSED BY S. GARDNER

BORE-HOLE RECORD

BIT 5 1/2" FROM 55' TO 55' SIZE 8 1/2" FROM 55' TO 55'

EQUIPMENT DATA

GAMMA RAY TOOL MODEL No. L-103

DIAMETER 2 1/8"

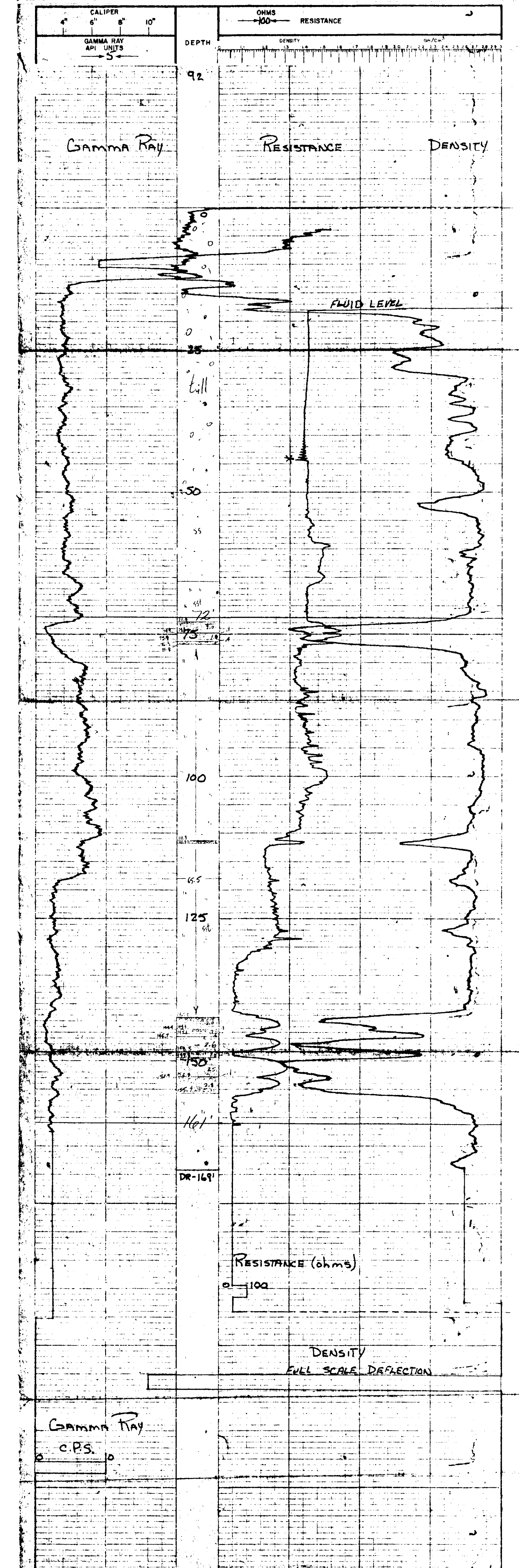
DETECTOR MODEL No. CP-516

TYPE SCINT

LENGTH 3'

TRUCK No. 2

LOCATION CAMPBELL RIVER



REMARKS: \* Tool Tackling Casing

PC

78-93

**LEXCO TESTING LTD. GAMMA-DENSITY - RESISTANCE**

700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA

HOLE: QU-78-93 SURVEYED DATA

LOCATION: 137+50 RT SEC TP RGE W ELEV. 1005

AREA: QUINSPRINT LOC. 137143, 107678

PROVINCE: BC (L3) 71

DATE: MAY 4 1978

DEPTH-DRILLER: ZOU

DEPTH-LOGGER: ZOU

FLUID LEVEL: 75 ft Total

LOGGING TIME: 7:51 AM

DRILLED BY: KEVIN DRUMAC

RECORDED BY: D. CHAMBER

WITNESSED BY: S. COBURN

BIT: FROM 6" TO 36"

BORE-HOLE RECORD: TO 6" FROM 36" TO 36"

EQUIPMENT DATA: GAMMA RAY

TOOL MODEL NO. L-103

DIAMETER: 2 1/8"

DETECTOR MODEL NO. CP-SIB

TYPE: SCINT

LENGTH: 3'

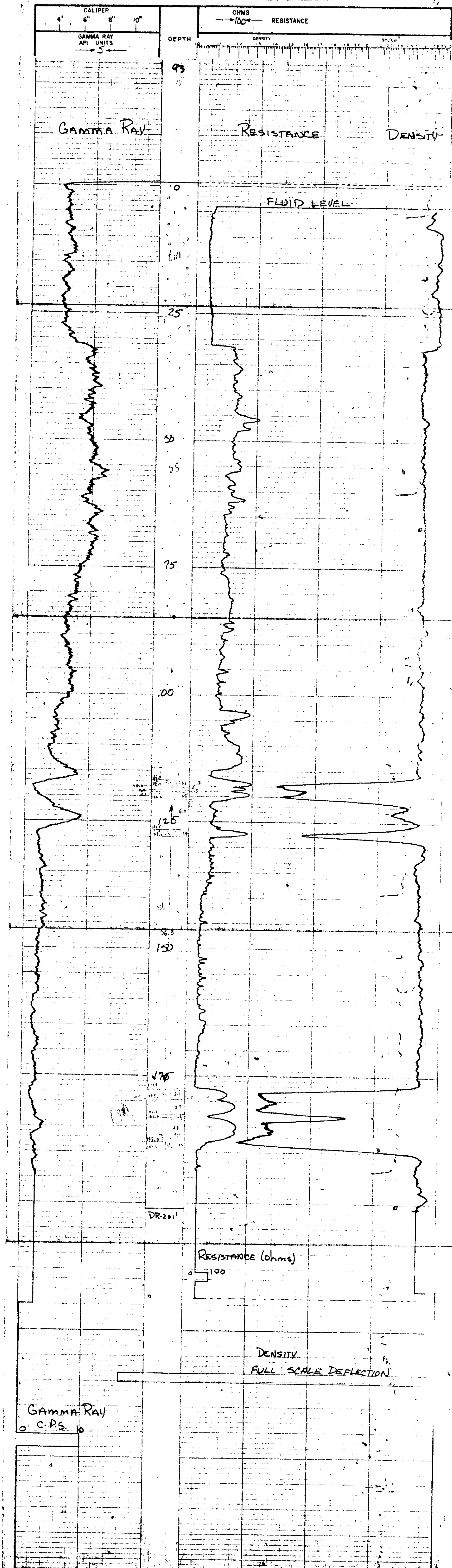
TRUCK No. 2

LOCATION: CAMPBELL

LOGGING DATA: LOGGING DATA

GENERAL	GAMMA RAY	DENSITY
RUN NO.	DEPTHS	T.C. SENS. ZERO
1	FROM 0	API UNITS PER DIV.
	TO 120	SEC. SETTINGS
	SPEED 12	T.C. SENS. ZERO
	T.C. SEC. SETTINGS 4	API UNITS PER DIV. 5
	SPEED 12	T.C. SENS. ZERO 1
	T.C. SEC. SETTINGS 4	API UNITS PER DIV. 5
	SPEED 12	T.C. SENS. ZERO 1
	T.C. SEC. SETTINGS 4	API UNITS PER DIV. 5

REMARKS: DR



GAMMA RAY  
0 C.P.S.

RESISTANCE (Ohms)

DENSITY  
FULL SCALE DEFLECTION

DR-201



78-94

**LEXCO TESTING LTD. GAMMA-DENSITY - RESISTANCE**

700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA.

HOLE QU-78-94 SURVEYED DATA  
 ECHO No 1 SEC TP RGE W ELEV. 275  
 LOCATION QUASIM LOC. 1471  
 AREA QUASIM  
 PROVINCE B.C.

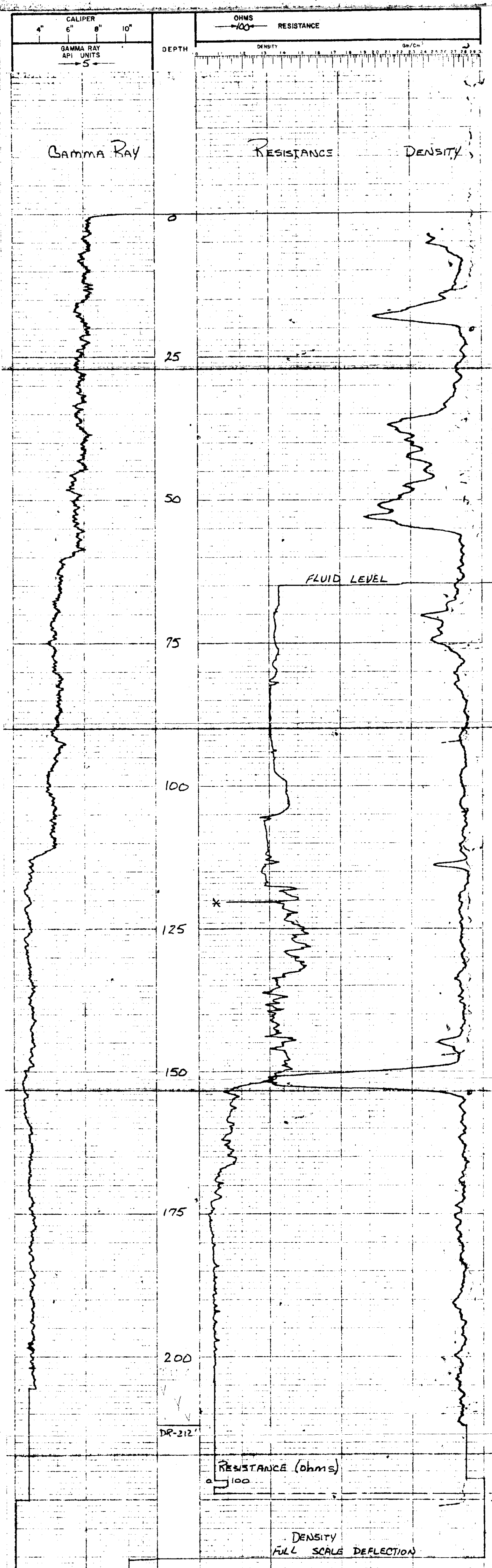
RUN No. 2  
 DATE MAY 9/78  
 DEPTH-DRILLER 220'  
 DEPTH-LOGGER 212'  
 FLUID LEVEL 65'  
 LOGGING TIME 175 hr.  
 DRILLED BY H. JUNGLET  
 RECORDED BY D. DUBBER  
 WITNESSED BY S. GARROWER

EQUIPMENT DATA  
 BIT S18 FROM SURF TO T.D. S/E FROM SURF TO 113'  
 BORE-HOLE RECORD TO S/E FROM SURF TO 113'

EQUIPMENT DATA  
 GAMMA RAY TOOL MODEL No. L-103 RESISTANCE TOOL MODEL No. L-103 DENSITY TOOL MODEL No. L-103 CALIPER  
 DIAMETER 2 1/8" DIAMETER 2 1/8" DIAMETER 2 1/8"  
 DETECTOR MODEL No. CP-516 TYPE ME F F  
 TYPE SCINT SCINT SPACING 13"  
 LENGTH 3' LENGTH 1'  
 HOR. SCALE 100 S.D. 110 HOVP  
 TRUCK No. CAMPBELL SOURCE MODEL CS-137  
 LOCATION KILMER ISOTOPE 125 m.c.  
 LOGGING DATA

GENERAL  
 RUN No. 1 DEPTHS FROM 0 TO 12 SPEED 4 T.C. 100 SENS. ZERO 5 API UNITS 1 T.C. 15 SENS. ZERO  
 FROM 0 TO 12 F/Min 4 SEC. SETTINGS 100 PER DIV. 1 SEC. SETTINGS 15

REMARKS: \* Resistance short against casing  
Hole drilled and logged previous (1975)



GAMMA RAY  
 0 CPS. 0

DR-212'

78-95

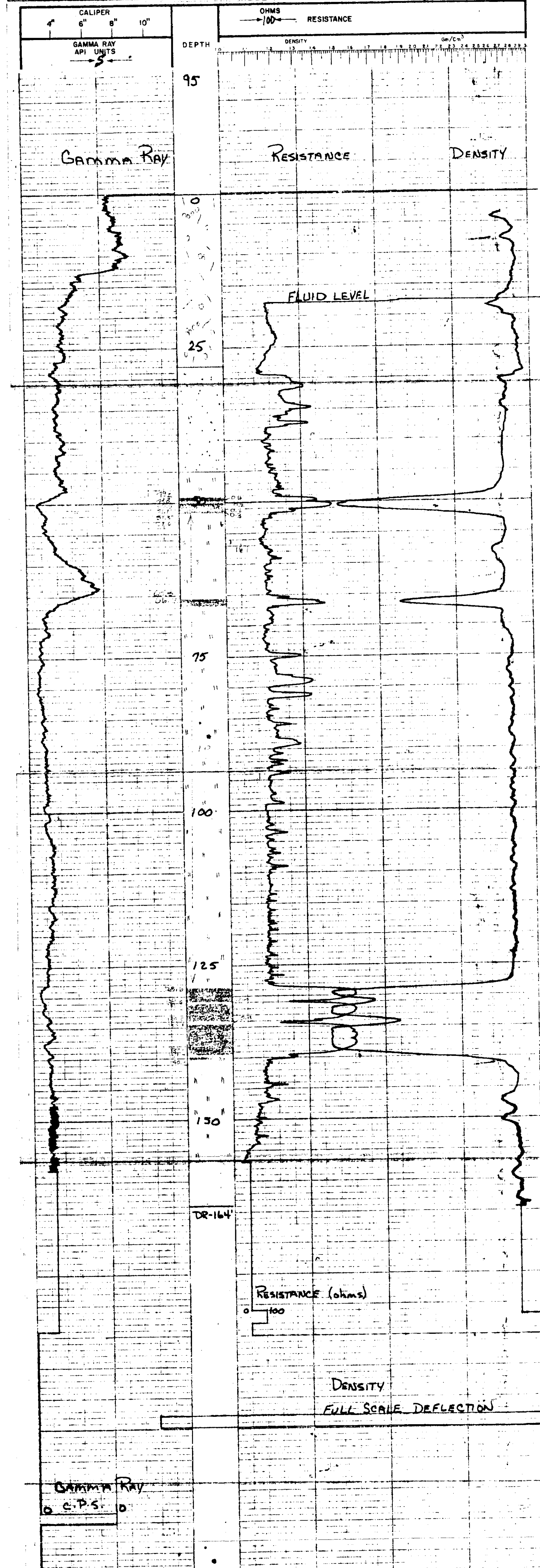
**LEXCO TESTING LTD. GAMMA-DENSITY - RESISTANCE**

700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA

HOLE QU-78-95 SURVEYED DATA  
 LOCATION 141+50 250 LT SEC 17 RGE W ELEV 1060  
 AREA QUINSMO LOC. 15745-17041  
 PROVINCE B.C. (S)

RUN No. 1 DATE MAY 10, 1978  
 DEPTH-DRILLER 164'  
 DEPTH-LOGGER 164'  
 FLUID LEVEL 18'  
 LOGGING TIME 5 hr. total  
 DRILLED BY KEN'S DRILLING  
 RECORDED BY D. DUNBAR  
 WITNESSED BY S. GARDNER

EQUIPMENT DATA				RESISTANCE				DENSITY				CALIPER			
TOOL MODEL No.	L-103	TOOL MODEL No.	L-103	TOOL MODEL No.	L-103	TOOL MODEL No.	L-103	TOOL MODEL No.	L-103	TOOL MODEL No.	L-103	TOOL MODEL No.	L-103	TOOL MODEL No.	L-103
DIAMETER	2 1/8"	DIAMETER	2 1/8"	DIAMETER	2 1/8"	DIAMETER	2 1/8"	DIAMETER	2 1/8"	DIAMETER	2 1/8"	DIAMETER	2 1/8"	DIAMETER	2 1/8"
DETECTOR MODEL No.	CP-516	TYPE	ME	TYPE	F	TYPE	F	TYPE	F	TYPE	F	TYPE	F	TYPE	F
TYPE	SCINT	SCINT	SCINT	SCINT	SCINT	SCINT	SCINT	SCINT	SCINT	SCINT	SCINT	SCINT	SCINT	SCINT	SCINT
LENGTH	3	LENGTH	1"	LENGTH	13"	LENGTH	13"	LENGTH	13"	LENGTH	13"	LENGTH	13"	LENGTH	13"
TRUCK No.	2	HOR. SCALE	100 S.D.U.	HOR. SCALE	100 S.D.U.	HOR. SCALE	100 S.D.U.	HOR. SCALE	100 S.D.U.	HOR. SCALE	100 S.D.U.	HOR. SCALE	100 S.D.U.	HOR. SCALE	100 S.D.U.
LOCATION	141+50	SOURCE MODEL	CS-137	SOURCE MODEL	CS-137	SOURCE MODEL	CS-137	SOURCE MODEL	CS-137	SOURCE MODEL	CS-137	SOURCE MODEL	CS-137	SOURCE MODEL	CS-137
	164'	ISOTOPE	CS-137	ISOTOPE	CS-137	ISOTOPE	CS-137	ISOTOPE	CS-137	ISOTOPE	CS-137	ISOTOPE	CS-137	ISOTOPE	CS-137
	164'	STRENGTH	125 m.c.	STRENGTH	125 m.c.	STRENGTH	125 m.c.	STRENGTH	125 m.c.	STRENGTH	125 m.c.	STRENGTH	125 m.c.	STRENGTH	125 m.c.
	164'	LOGGING DATA		LOGGING DATA		LOGGING DATA		LOGGING DATA		LOGGING DATA		LOGGING DATA		LOGGING DATA	
GENERAL				GAMMA RAY				DENSITY				ZERO			
RUN No.	1	DEPTHS FROM	0	DEPTHS TO	12	SPEED	4	T.C. SEC.	100	SENS. ZERO	5	API UNITS PER DIV.	1	T.C. SEC. SETTINGS	1K
REMARKS:															



Gamma Ray  
 0 C.P.S. 0





28-91

**LEXGO TESTING LTD. GAMMA-DENSITY - RESISTANCE**

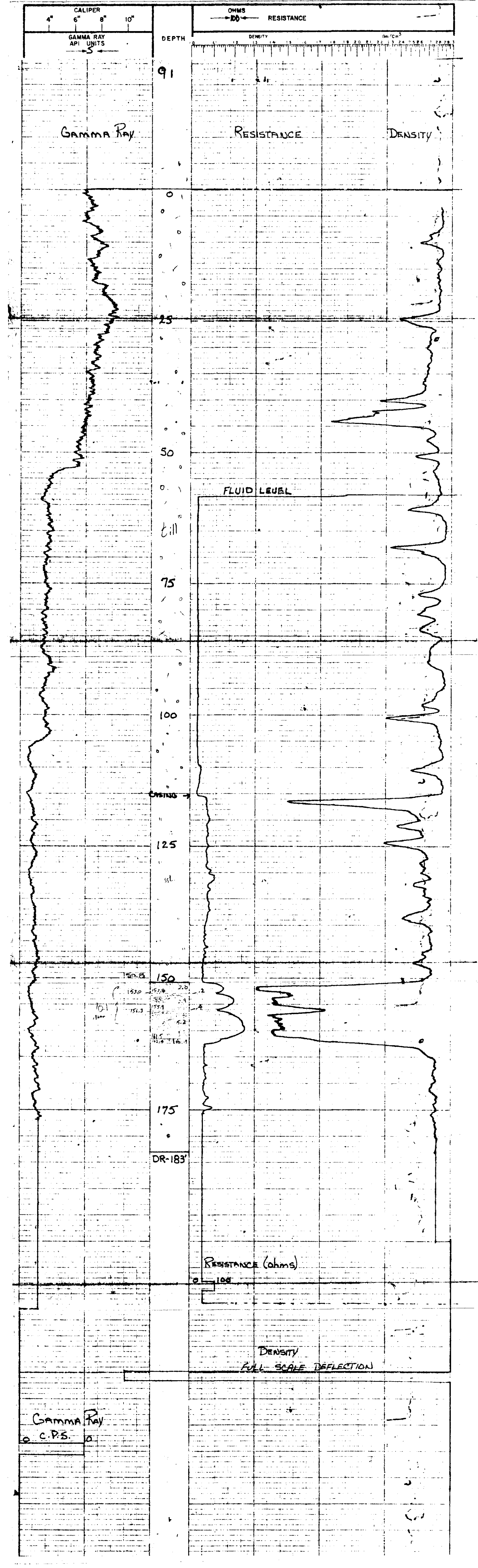
700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA

HOLE QU-78-91 SURVEYED DATA  
 LOCATION BASELINE SEC TP RGE W ELEV. 1029  
 AREA QUINSARD LOC. 3755-12E  
 PROVINCE B.C. (L7) 71

RUN No. \_\_\_\_\_ DATE MAY 3, 1978  
 DEPTH-DRILLER 185'  
 DEPTH-LOGGER 183'  
 FLUID LEVEL 58.5'  
 LOGGING TIME 7.5 hr. Total  
 DRILLED BY KANS DRILLING  
 RECORDED BY D. QUINSARD  
 WITNESSED BY S. CARPENTER

BIT 6" FROM SURF TO T.D. CASING RECORD  
 SIZE 6" FROM SURF TO 115'

EQUIPMENT DATA				RESISTANCE				DENSITY				CALIPER			
TOOL MODEL No.	L-103	TOOL MODEL No.	L-103	RESISTANCE	DENSITY	RESISTANCE	DENSITY	RESISTANCE	DENSITY	RESISTANCE	DENSITY	RESISTANCE	DENSITY	RESISTANCE	DENSITY
DIAMETER	2 1/8"	DIAMETER	2 1/8"												
DETECTOR MODEL No.	CP-516	TYPE	F												
TYPE	SCINT	SPACING	13"												
LENGTH	3'	HOR. SCALE	1"												
TRUCK No.	Z	SOURCE MODEL	10052110												
LOCATION	Campebell	ISOTOPE	CS-137												
	Dias B	STRENGTH	125 m.c.												
GENERAL				GAMMA RAY				DENSITY							
RUN No.	DEPTHS	TO	SPEED	T.C.	SENS.	ZERO	API	UNITS	T.C.	SENS.	ZERO	API	UNITS	T.C.	SENS.
1	183'	0	1/2	4	100		5	1	1	1K					



RC

GAMMA RAY C.P.S.



78-88

**LEXCO TESTING LTD. GAMMA-DENSITY - RESISTANCE**

700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA.

HOLE **QU-78-88** SURVEYED DATA

LOCATION **157750 SEC. TP RGE W** ELEV. **1079**

AREA **QUINSMAN** LOC. **157741-24211**

PROVINCE **BC (L8) 71**

DATE **MAY 2 1978**

DEPTH-DRILLER **160'**

DEPTH-LOGGER **159'**

FLUID LEVEL **10'**

LOGGING TIME **5 hr. Total**

DRILLED BY **H. JUNGST**

RECORDED BY **D. DUNBAR**

WITNESSED BY **S. GARBER**

BIT **5 1/2" SPT** SIZE **5 1/2" SPT** CASING RECORD **10'**

TOOL MODEL NO. **L-103** TOOL MODEL NO. **L-103** RESISTANCE **L-103** DENSITY **L-103** CALIPER **L-103**

DIAMETER **2 1/8"** DIAMETER **2 1/8"** TYPE **2 1/8"** WE **F**

DETECTOR MODEL NO. **CP-516** SCINT **3** LENGTH **13"**

TRUCK No. **2** GENERAL **HOV SCALE** **100 S.I.D.U.** HOVP

LOCATION **Campeau** SOTOPE **CS-137** STRENGTH **125 m.c.**

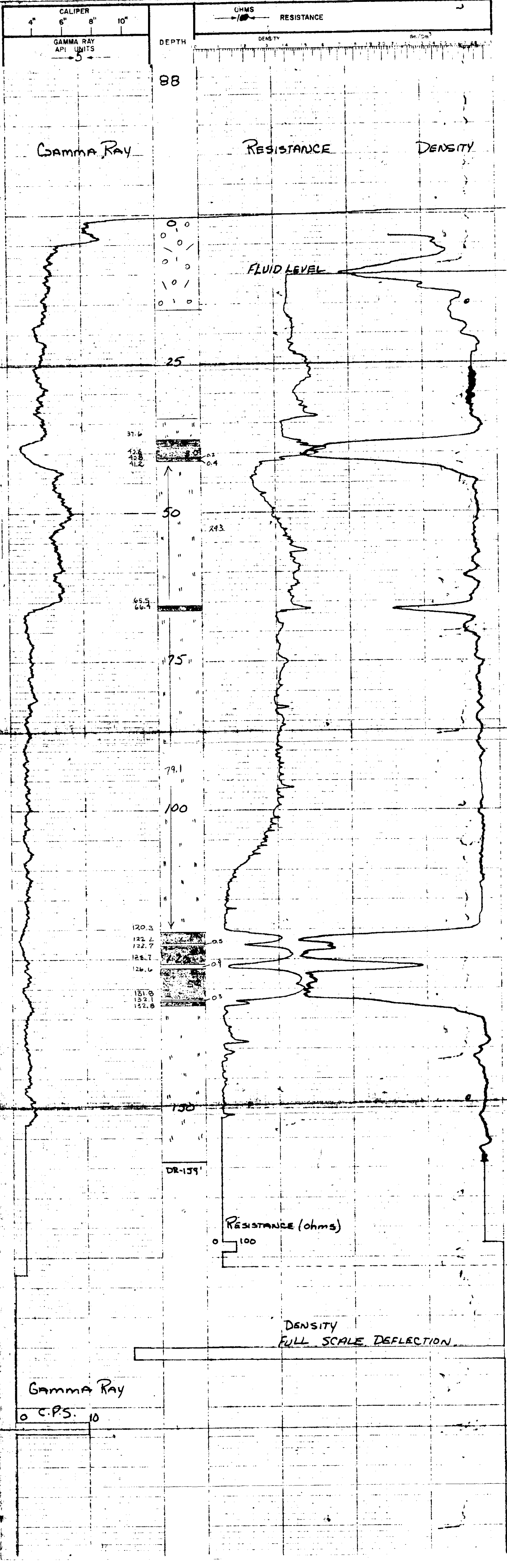
LOGGING DATA

GENERAL

RUN NO. **1** DEPTHS **0' 12'** SPEED **4** T.C. **100** SENS. **5** API UNITS **1** T.C. **1** SENS. **1** DENSITY **1** ZERO

MARKS

50



78(16) (e)

**LEXCO TESTING LTD. GAMMA-DENSITY - RESISTANCE**

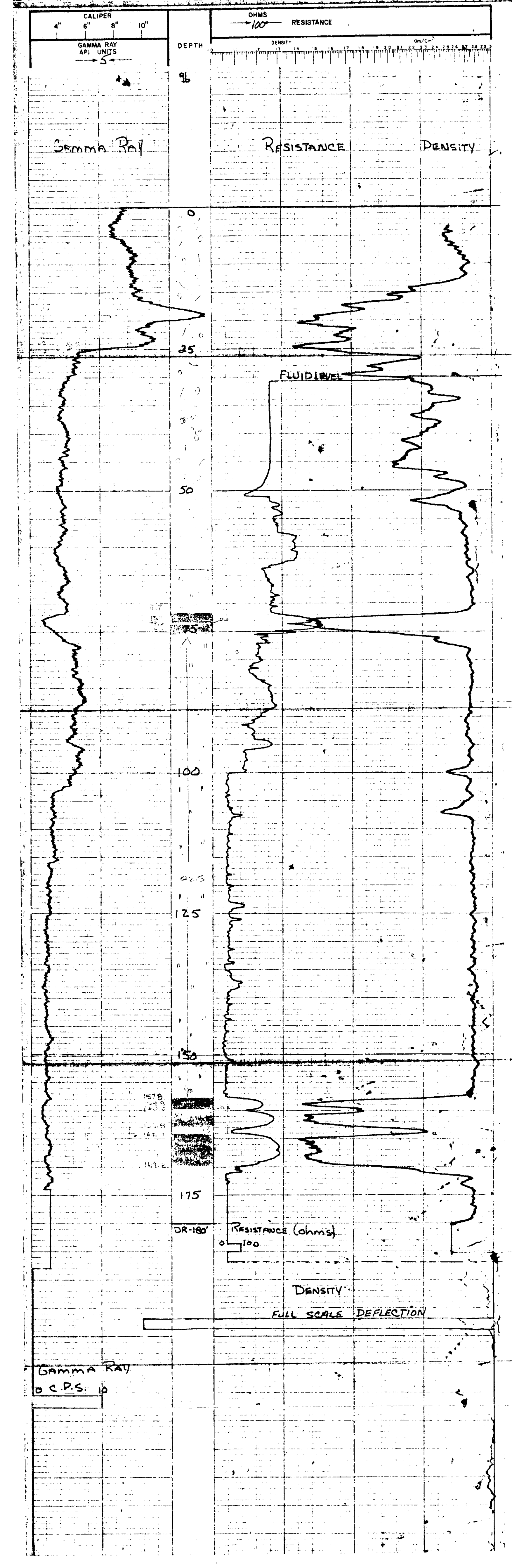
700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA

HOLE: 22-78-96 (C)  
 LOCATION: 165+00 BASELINE SEC TP RGE W  
 AREA: QUINSMAN B.C. (49) 71  
 SURVEYED DATA: ELEV. 1094  
 LOC. 16491-48

PROVINCE: B.C. (49) 71  
 RUN NO: 2  
 DATE: MAY 10, 1978  
 DEPTH-DRILLER: 180'  
 DEPTH-LOGGER: 180'  
 FLUID LEVEL: 30.81  
 LOGGING TIME: 5 hr 10 min  
 DRILLED BY: Redder-Scut  
 RECORDED BY: D. DUNBAR  
 WITNESSED BY: S. GARBOARD

EQUIPMENT DATA  
 BONE-HOLE RECORD: TO 8 1/2" FROM 8 1/2" TO 5 1/2" FROM 5 1/2" TO 5 1/2"  
 CASING RECORD: TO 10" FROM 10" TO 10"  
 RESISTANCE: 100 OHMS  
 DENSITY: 100 gm/cm<sup>3</sup>  
 CALIPER: 10"

GENERAL				GAMMA RAY				DENSITY							
TRUCK No.	LOGGING DATA	LOGGING DATA	LOGGING DATA	NO.	DEPTH	SPD	T.C.	SENS.	ZERO	API	UNITS	T.C.	SENS.	ZERO	
2	CAMPBELL	RIVAR	100 R. 100'	1	180	0	12	4	100	5	1	15	15	15	
TOOL MODEL No. L-103				TOOL MODEL No. L-103				TOOL MODEL No. L-103				TOOL MODEL No. L-103			
DIAMETER 2 1/8"				DIAMETER 2 1/8"				DIAMETER 2 1/8"				DIAMETER 2 1/8"			
DETECTOR MODEL No. CB-516				DETECTOR MODEL No. CB-516				DETECTOR MODEL No. CB-516				DETECTOR MODEL No. CB-516			
TYPE SCINT				TYPE SCINT				TYPE SCINT				TYPE SCINT			
LENGTH 3'				LENGTH 3'				LENGTH 3'				LENGTH 3'			
HOR. SCALE 100 R. 100'				HOR. SCALE 100 R. 100'				HOR. SCALE 100 R. 100'				HOR. SCALE 100 R. 100'			
SOURCE MODEL CS-137				SOURCE MODEL CS-137				SOURCE MODEL CS-137				SOURCE MODEL CS-137			
ISOTOPE 125 m.c.				ISOTOPE 125 m.c.				ISOTOPE 125 m.c.				ISOTOPE 125 m.c.			
STRENGTH				STRENGTH				STRENGTH				STRENGTH			
GENERAL				GENERAL				GENERAL				GENERAL			
LOGGING DATA				LOGGING DATA				LOGGING DATA				LOGGING DATA			
GAMMA RAY				GAMMA RAY				GAMMA RAY				GAMMA RAY			
DENSITY				DENSITY				DENSITY				DENSITY			
ZERO				ZERO				ZERO				ZERO			





78-97

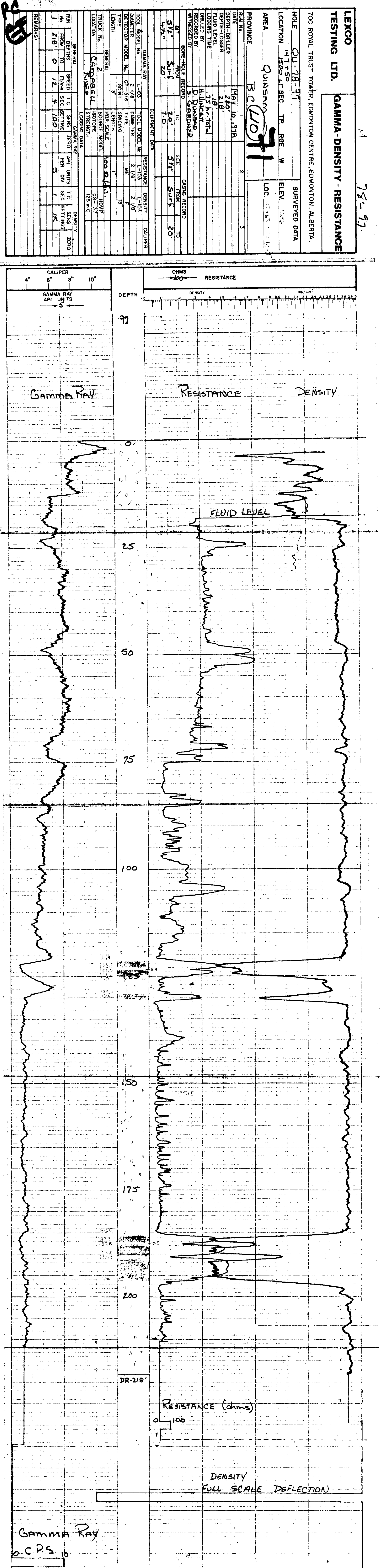
**LEXCO TESTING LTD. GAMMA-DENSITY - RESISTANCE**

700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA.

HOLE QU-78-97 SURVEYED DATA  
 LOCATION 147+50 ELEV. 1230  
1500 LT SEC TP RGE W  
 AREA QUINSAM LOC. 147+50  
 PROVINCE B.C. (V1071)

DATE MAY 10, 1978  
 DEPTH-DRILLER 220  
 DEPTH-LOGGER 218  
 FLUID LEVEL 18'  
 LOGGING TIME 75 h. total  
 DRILLED BY H. JUNGKEIT  
 RECORDED BY D. DUNBAR  
 WITNESSED BY S. CARROWER

GAMMA RAY		RESISTANCE		DENSITY		CALIPER	
TOOL MODEL No.	L-103	TOOL MODEL No.	L-103	TOOL MODEL No.	L-103	DIAMETER	2 1/8"
DIAMETER	2 1/8"	DIAMETER	2 1/8"	DIAMETER	2 1/8"	TYPE	F
DETECTOR MODEL No.	CS-516	DETECTOR MODEL No.	CS-516	DETECTOR MODEL No.	CS-516	ME	ME
LENGTH	3"	LENGTH	3"	LENGTH	3"	SPACING	13"
GENERAL		GENERAL		GENERAL		GENERAL	
TRUCK No.	<u>2</u>	TRUCK No.	<u>2</u>	TRUCK No.	<u>2</u>	TRUCK No.	<u>2</u>
LOCATION	<u>Campbell</u>	LOCATION	<u>Campbell</u>	LOCATION	<u>Campbell</u>	LOCATION	<u>Campbell</u>
ISOTOPE	<u>CS-137</u>	ISOTOPE	<u>CS-137</u>	ISOTOPE	<u>CS-137</u>	ISOTOPE	<u>CS-137</u>
STRENGTH	<u>125 m.c.</u>	STRENGTH	<u>125 m.c.</u>	STRENGTH	<u>125 m.c.</u>	STRENGTH	<u>125 m.c.</u>
LOGGING DATA		LOGGING DATA		LOGGING DATA		LOGGING DATA	
GENERAL		GENERAL		GENERAL		GENERAL	
SPED		SPED		SPED		SPED	
SENS		SENS		SENS		SENS	
ZERO		ZERO		ZERO		ZERO	
API UNITS		API UNITS		API UNITS		API UNITS	
PER DIV		PER DIV		PER DIV		PER DIV	
SEC		SEC		SEC		SEC	
SETTINGS		SETTINGS		SETTINGS		SETTINGS	
NO		NO		NO		NO	
FROM		FROM		FROM		FROM	
TO		TO		TO		TO	
1		1		1		1	
218'		218'		218'		218'	
0		0		0		0	
1/2		1/2		1/2		1/2	
4		4		4		4	
100		100		100		100	



GAMMA RAY  
 0 CPS 10



78-99

**LEXCO TESTING LTD. GAMMA-DENSITY-RESISTANCE**

700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA.

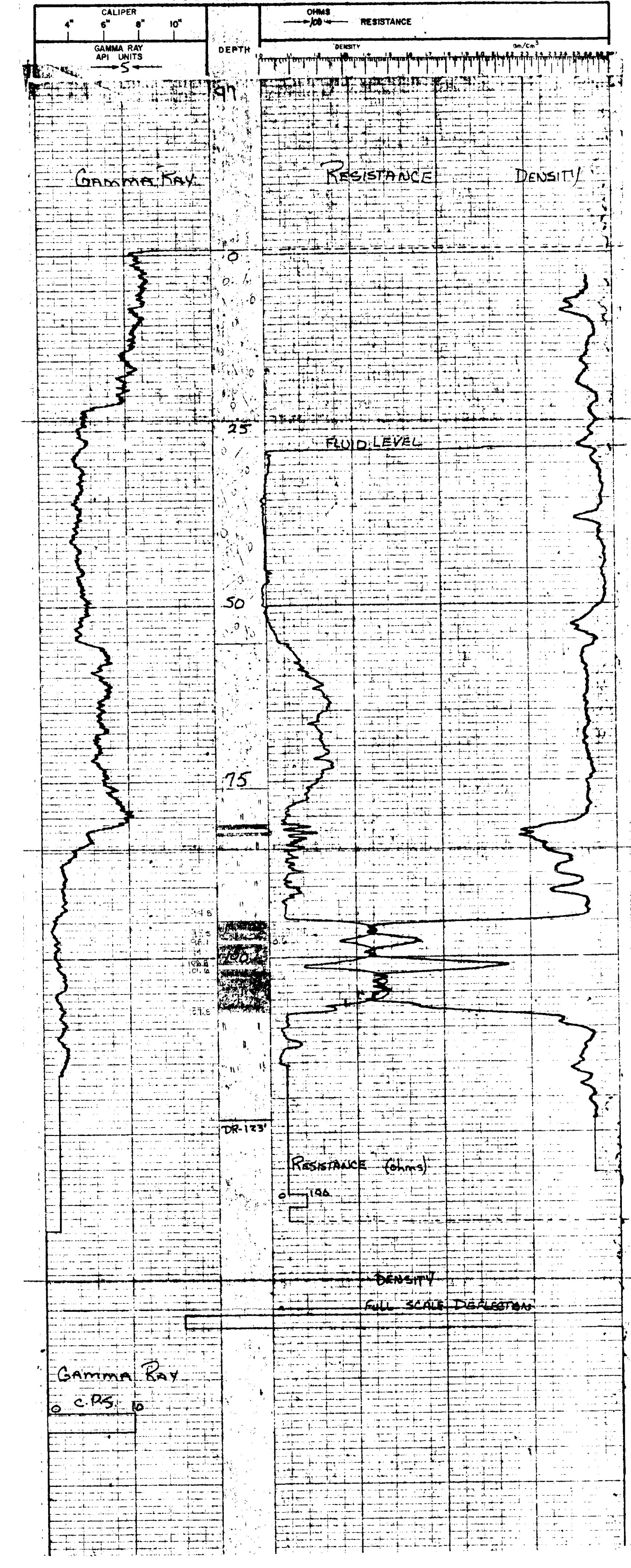
HOLE: 00-78-99 SURVEYED DATA  
 LOCATION: 141+50 SEC. TP RGE. W ELEV. 012  
 AREA: QUINSMAN LOC. 6758-6294  
 PROVINCE: B.C. (12)

DATE: MAY 11, 1978  
 DEPTH-LOGGER: 12.5  
 DEPTH-LOGGER: 12.5  
 FLUID LEVEL: 5th LOG  
 LOGGING TIME: 5th LOG  
 SKILLED BY: KENNETH DELANEY  
 RECORDED BY: D. DUNBAR  
 WITNESSED BY: R. ROYAL  
 BORE-HOLE RECORD: 6" SOFT TO 7" SOFT TO 55  
 EQUIPMENT DATA: SOFT TO SOFT TO 55

GENERAL		GAMMA RAY		DENSITY	
TOOL MODEL No.	1-303	TOOL MODEL No.	L-103	RESISTANCE	DENSITY
DIAMETER	2 1/8"	DIAMETER	2 1/8"	TYPE	ME
DETECTOR MODEL No.	CP-518	TYPE	SCINT	SCINT	SCINT
TYPE	SCINT	SCINT	SCINT	SCINT	SCINT
LENGTH	3'	LENGTH	1'	LENGTH	15"
GENERAL	GENERAL	HOR. SCALE	100% / 100'	HOVP	HOVP
THICK No.	Z	SOURCE MODEL	CS-137	ISOTOPE	CS-137
LOCATION	CANADIAN	ISOTOPE	CS-137	ISOTOPE	CS-137
LOCATION	QUINSMAN	STRENGTH	123 MC	STRENGTH	123 MC

GENERAL		GAMMA RAY		DENSITY	
RUN No.	1	DEPTHS FROM TO	0	12	4
DEPTHS	0	SPEED	12	SEC. SETTINGS	100
DEPTHS	0	FLYING	4	SEC. SETTINGS	100
DEPTHS	0	PER DIV.	5	SEC. SETTINGS	100
DEPTHS	0	PER DIV.	5	SEC. SETTINGS	100
DEPTHS	0	PER DIV.	5	SEC. SETTINGS	100





78-100

**LEXCO TESTING LTD. GAMMA-DENSITY - RESISTANCE**

700 ROYAL TRUST TOWER, EDMONTON, CENTRE, EDMONTON, ALBERTA

HOLE **QU-78-100** SURVEYED DATA

LOCATION **14230 RT SEC TP RGE W** ELEV **285**

AREA **QUINSPA** LOC. **14230-285**

PROVINCE **B.C.**

DATE **MAY 12, 1978**

DEPTH-DRILLER **278**

DEPTH-LOGGER **278**

FLUID LEVEL **75 m Total**

LOGGING TIME **H. VINCE**

DRILLED BY **D. RIVERA**

RECORDED BY **K. ROSSIGNOL**

WITNESSED BY

BORE-HOLE RECORD

BIT FROM TO

SIZE FROM TO

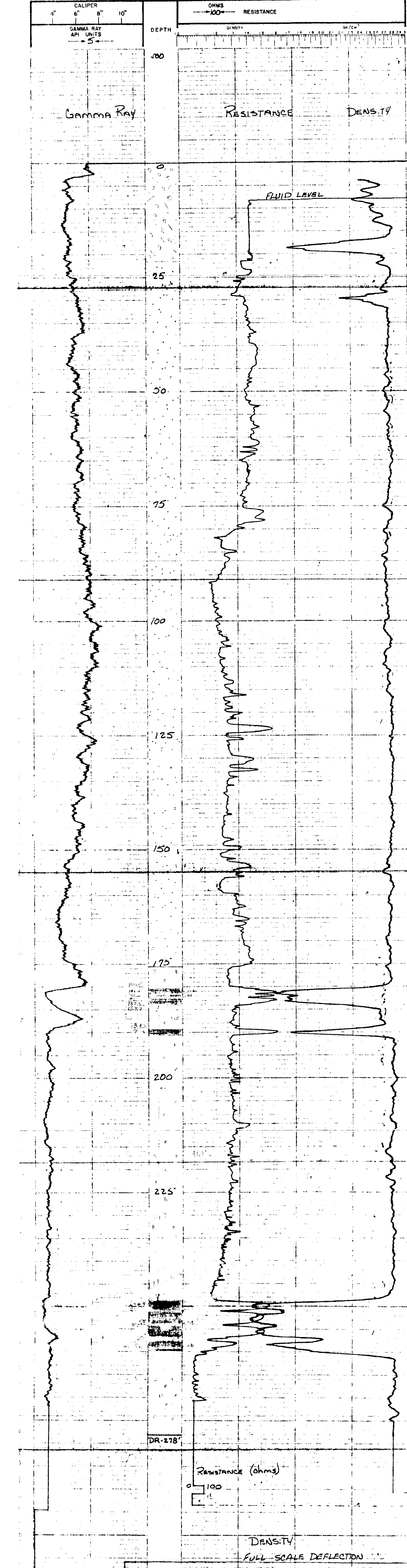
RESISTANCE DENSITY CALIPER

GAMMA RAY

TOOL MODEL No. L-103

DIAMETER 2 1/8"

DETECTOR MODEL No. CP-51E



RESISTANCE (ohms)

DENSITY FULL SCALE DEFLECTION

Gamma Ray 0 c.p.s. 10

GENERAL		GAMMA RAY		DENSITY	
RUN NO.	278	SPEED	4	API UNITS	5
DEPTH	0	FL/MIN	12	PER DIV	1
TIME	0	SEC	4	SEC	1K
LOGGING	0	TIME	12	SECTIONS	1K
DATE	0	LOGGING	12	ZERO	

GENERAL		GAMMA RAY		DENSITY	
TRUCK No.	2	TOOL MODEL No.	L-103	API UNITS	5
LOCATION	QUINSPA	DIAMETER	2 1/8"	PER DIV	1
	KUER	DETECTOR MODEL No.	CP-51E	SEC	1K
		TYPE	SCINT	SECTIONS	1K
		LENGTH	3'	ZERO	
		TOOL SCALE	100 S.D.U.		
		SOURCE MODEL	CS-137		
		ISOTOPE	125 m.c.		
		STRENGTH			

GENERAL		GAMMA RAY		DENSITY	
BORE-HOLE RECORD		API UNITS	5	PER DIV	1
BIT FROM TO		SEC	1K	SECTIONS	1K
SIZE FROM TO		ZERO			

GENERAL		GAMMA RAY		DENSITY	
RESISTANCE		API UNITS	5	PER DIV	1
DENSITY		SEC	1K	SECTIONS	1K
CALIPER		ZERO			

78-101

**LEXCO TESTING LTD. GAMMA DENSITY - RESISTANCE**

700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA

HOLE QU-78-101 SURVEYED DATA

LOCATION 142+50 SEC 17 RGE W ELEV. 1417

AREA QUINSMAN LOC. 12415-10078

PROVINCE B.C. 41471

DATE May 12, 1978

DEPTH - DRILLER 1440

DEPTH - LOGGER 231

FLUID LEVEL 14.5

LOGGING TIME 15 hr 10 min

DRILLED BY H. LINGSTIT

RECORDED BY D. DUNBAR

WITNESSED BY R. SASSIBER

BIT BORE-HOLE RECORD

SIZE FROM TO CASING RECORD

5 1/2" 9' 5 1/2" SURF 9'

4 1/2" 9' 12" SURF 9'

EQUIPMENT DATA

GAMMA RAY TOOL MODEL No. L-103 RESISTANCE DENSITY CALIPER

DIAMETER 2 1/8" TYPE 2 1/8" ME 2 1/8"

DETECTOR MODEL No. CP-516 SCINT. SPACING 13"

GENERAL TRUCK No. 2

LOCATION Campbell

ISOTOPE CS-137

STRENGTH KILVER

LOGGING DATA

GENERAL DEPTHS SPEED T.C. SENS. ZERO GAMMA RAY

APL UNITS T.C. SENS. ZERO

NO. FROM TO FV/MIN SEC. SETTING PER DIV. SEC. SETTING

1 231 0 12 4 100 5 1 1 K

REMARKS:

200

DR-239

RESISTANCE (ohms)

DENSITY FULL SCALE DEFLECTION

GAMMA RAY 0 C.P.S. 0

OHMS RESISTANCE

DENSITY

DEPTH

101

25

50

75

100

125

150

175

200

FLUID LEVEL

GAMMA RAY

RESISTANCE

DENSITY

CALIPER 4" 6" 8" 10"

GAMMA RAY API UNITS

5

RESISTANCE (ohms)

DENSITY FULL SCALE DEFLECTION

GAMMA RAY 0 C.P.S. 0

78-102.

**LEXCO TESTING LTD. GAMMA-DENSITY - RESISTANCE**

700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA.

HOLE QU-78-102 SURVEYED DATA

LOCATION 155+00 SEC TP RGE W ELEV. 1084

AREA QUINSAM LOC. 76.617

PROVINCE B.C. (1571)

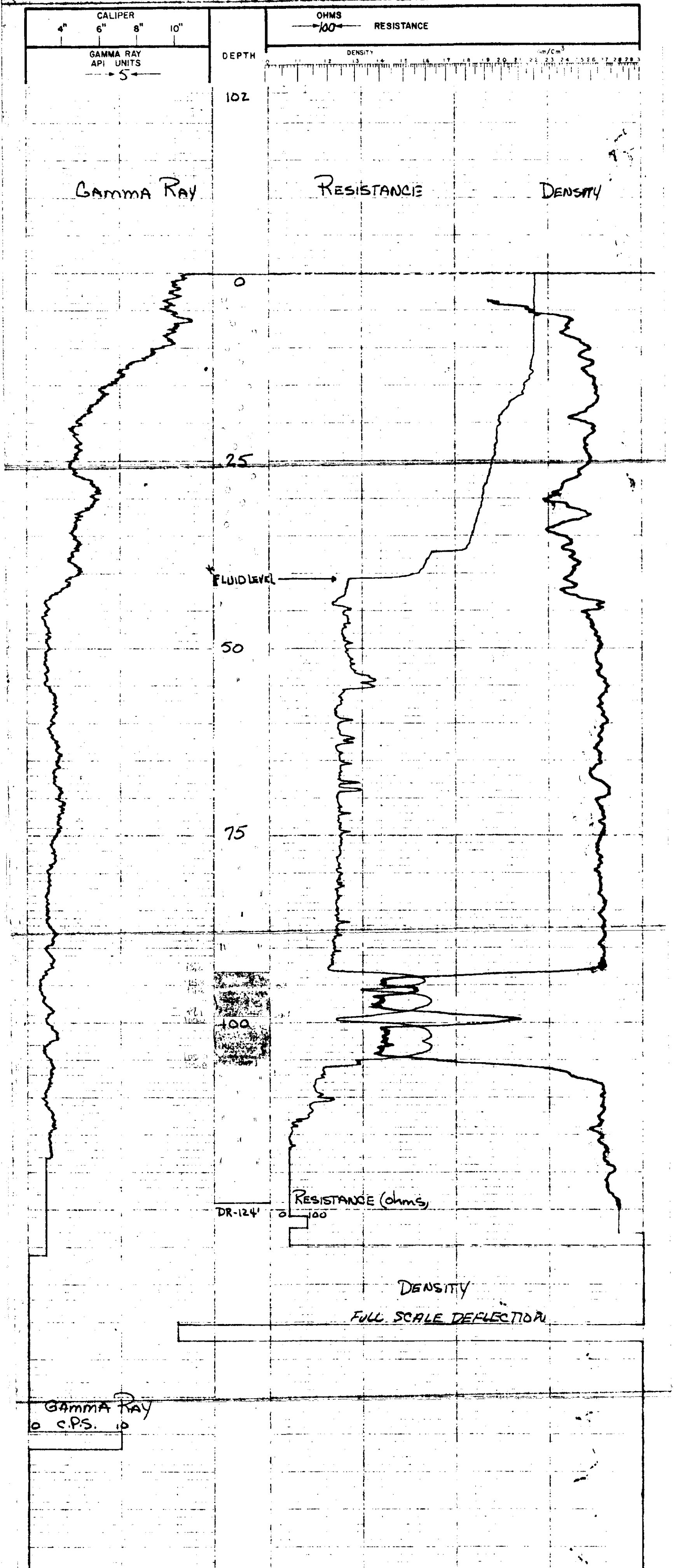
RUN No. 2  
 DATE MAY 12, 1978  
 DEPTH-DRILLER 124'  
 DEPTH-LOGGER 124'  
 FLUID LEVEL 40.8'  
 LOGGING TIME 5 hr. 10 min.  
 DRILLED BY K. W. DILLON  
 RECORDED BY P. DUNBAR  
 WITNESSED BY R. RENNESHAW

BORE-HOLE RECORD  
 BIT 6" FROM SURF TO T.D. SIZE 6" FROM SURF TO 43'

EQUIPMENT DATA		RESISTANCE		DENSITY		CALIPER	
TOOL MODEL No.	L-103	TOOL MODEL No.	L-103	DENSITY	L-103	CALIPER	
DIAMETER	2 1/8"	DIAMETER	2 1/8"	TYPE	F		
DETECTOR MODEL No.	CP-516	TYPE	ME	SCINT	13"		
TYPE		SPACING		LENGTH	3"		
GENERAL		HOR. SCALE	100 X / W	HOVP			
TRUCK No.	2	SOURCE MODEL		ISOTOPE	CS-137		
LOCATION	CAMPBELL	ISOTOPE		STRENGTH	125 m.c.		
	KUER	LOGGING DATA					

GENERAL		GAMMA RAY		DENSITY	
RUN No.	1	DEPTHS FROM	124'	SPEED TO	0
		F/Min	12	SEC	4
		SETTING	100	PER DIV.	5
		T.C.		SEC	1
		SENS		SENS	TK
		ZERO		SETTING	
		API UNITS		PER DIV.	
		PER DIV.		SEC	
		SETTING		SENS	
		ZERO		SETTING	

REMARKS: \* *Fluoro wax foam along the water and the resistance electrode was reading 0.*



GAMMA RAY  
 0 C.P.S. 10



78-102

**LEXCO TESTING LTD. GAMMA-DENSITY - RESISTANCE**

700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA.

HOLE QJ-78-103 SURVEYED DATA

LOCATION 1090 LT SEC TP RGE W ELEV. 1084

AREA QUINSAM LOC. 162+50-16717

PROVINCE B.C. L16 71

DATE MAY 14 1978

DEPTH-DRILLER 120

DEPTH-LOGGER 118

LOGGING TIME 5 hr total

DRILLED BY K. J. DUNBAR

RECORDED BY R. DUNBAR

WITNESSED BY R. DUNBAR

BIT 6" SURF TO T.D. SIZE 6" FROM SURF TO 76'

GAMMA RAY TOOL MODEL No. L-103 RESISTANCE TOOL MODEL No. L-103 DENSITY TOOL MODEL No. L-103 CALIPER

DIAMETER 2 1/8" DIAMETER 2 1/8" DIAMETER 2 1/8"

DETECTOR MODEL No. CP-616 TYPE ME F 13"

TYPE SCINT SPACING 3"

LENGTH 3" LENGTH 100' SLIV

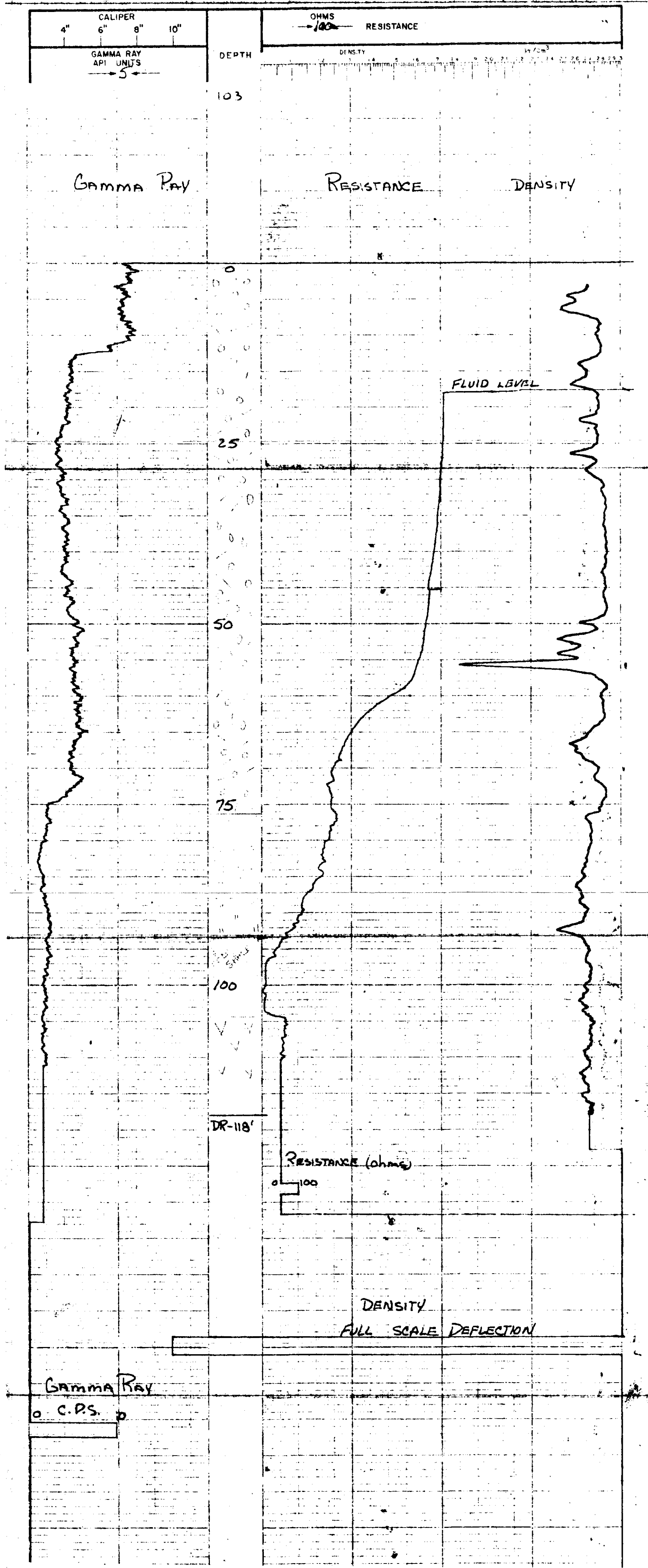
TRUCK No. 2 HOR SCALE HOVP

LOCATION CAMPBELL RIVER ISOTOPE CS-137 SOURCE MODEL 128 m G

GENERAL DEPTHS TO SPEED T.C. SENS. ZERU API UNITS T.C. SENS. ZERO

1 118 0 12 4 100 5 1 JK

REMARKS:



GAMMA RAY  
o C.P.S. o

8-104(c)

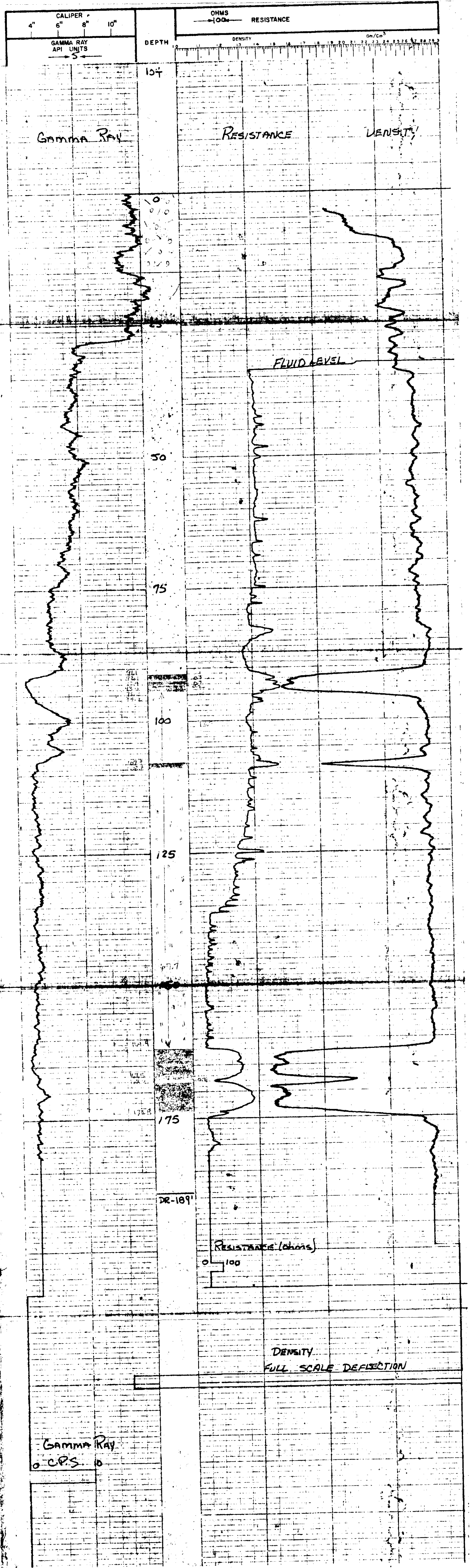
**LEXCO TESTING LTD. GAMMA-DENSITY - RESISTANCE**

700 ROVA, TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA.

HOLE: QU-18-104 (C) SURVEYED DATA  
 LOCATION: 145+00 250 RT SEC TP RGE W ELEV. 1039  
 AREA: QUINSPAN LOC. 45102-203 RE  
 PROVINCE: BC

RUN No. 2  
 DATE: MAY 14 1978  
 DEPTH-DRILLER: 189'  
 DEPTH-LOGGER: 189'  
 FLUID LEVEL: 33.5'  
 LOGGING TIME: 75 hr.  
 DRILLED BY: D. DUNBAR  
 RECORDED BY: R. S. SEIT  
 WITNESSED BY: R. K. ROSSIGNOL  
 BORE-HOLE RECORD: TO  
 BIT: 8 1/4" Surf TO 18' SIZE: 8 1/4" Surf FROM 18' TO 18'  
 EQUIPMENT DATA: 5 1/4" 18' T.D.

GAMMA RAY		RESISTANCE		DENSITY		CALIPER	
TOOL MODEL No.	L-103	TOOL MODEL No.	L-103	TOOL MODEL No.	L-103	TOOL MODEL No.	L-103
DIAMETER	2 1/8"	DIAMETER	2 1/8"	DIAMETER	2 1/8"	DIAMETER	2 1/8"
DETECTOR MODEL No.	GP-516	DETECTOR MODEL No.	GP-516	DETECTOR MODEL No.	GP-516	DETECTOR MODEL No.	GP-516
TYPE	SCINT	TYPE	SCINT	TYPE	SCINT	TYPE	SCINT
LENGTH	3"	LENGTH	3"	LENGTH	3"	LENGTH	3"
GENERAL		GENERAL		GENERAL		GENERAL	
TRUCK No.	<u>2</u>	TRUCK No.	<u>2</u>	TRUCK No.	<u>2</u>	TRUCK No.	<u>2</u>
LOCATION	<u>CANADIAN RIVER</u>	LOCATION	<u>CANADIAN RIVER</u>	LOCATION	<u>CANADIAN RIVER</u>	LOCATION	<u>CANADIAN RIVER</u>
LOGGING DATA		LOGGING DATA		LOGGING DATA		LOGGING DATA	
GENERAL		GENERAL		GENERAL		GENERAL	
ROUN	DEPTHS	SPEED	T.C	SENS	ZERO	API	UNITS
No.	FROM TO	FV/Min	SEC	SEC	PER DIV.	SEC	SEC
1	189'	0	12	4	100	5	1
REMARKS:		REMARKS:		REMARKS:		REMARKS:	



PC

3  
78-89

**LEXCO TESTING LTD. GAMMA-DENSITY-RESISTANCE**

700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA

HOLE QU-78-89 SURVEYED DATA  
 LOCATION 157+50 SEC TP RGE W ELEV. 1075  
 AREA QUINSM LOC. 157+50-505LL  
 PROVINCE BC (11871)

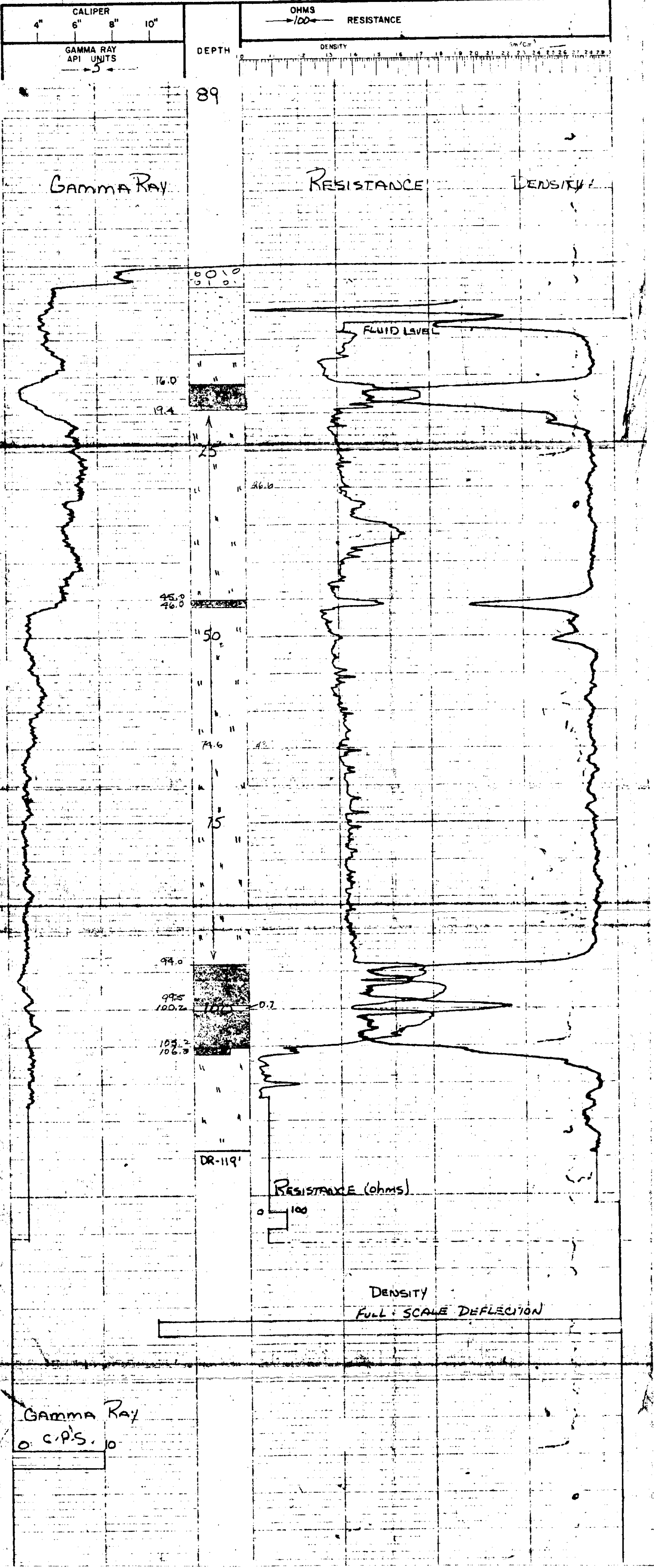
RUN No. \_\_\_\_\_ DATE MAY 2, 1978  
 DEPTH-DRILLER \_\_\_\_\_ DEPTH-LOGGER \_\_\_\_\_  
 FLUID LEVEL \_\_\_\_\_ LOGGING TIME \_\_\_\_\_  
 DRILLED BY H. JUNCETI  
 RECORDED BY D. DUNBAR  
 WITNESSED BY S. GARDAER  
 BIT 5 1/2" SURF TO 18' SIZE 5 1/2" FROM SURF TO 8'  
 BIT 4 1/2" AB TO 7.0 SIZE 5 1/2" FROM SURF TO 8'

EQUIPMENT DATA  
 GAMMA RAY TOOL MODEL No. L-103 RESISTANCE TOOL MODEL No. L-103 DENSITY TOOL MODEL No. L-103 CALIPER  
 DIAMETER 2 1/8" DIAMETER 2 1/8" ME 2 1/8"  
 DETECTOR MODEL No. CP-516 SCINT 13"  
 TYPE SCINT SPACING \_\_\_\_\_  
 LENGTH \_\_\_\_\_  
 GENERAL HOR. SCALE 100 R.R.D. HOVP \_\_\_\_\_  
 TRUCK No. 2 SOURCE MODEL \_\_\_\_\_  
 LOCATION CAMPBELL ISOIOPRE \_\_\_\_\_  
 KIUDER \_\_\_\_\_ STRENGTH 125 m.c.

GENERAL				GAMMA RAY				DENSITY					
RUN No.	DEPTHS	SPEED	T.C.	SENS.	ZERO	API UNITS	T.C.	SENS.	ZERO	PER DIV.	SEC.	SETTINGS	ZERO
1	119'	0	12	4	100	5	1	1K					

REMARKS

PC



Gamma Ray  
0 C.P.S. 10



78-105

**LEXCO TESTING LTD. GAMMA-DENSITY - RESISTANCE**

700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA.

HOLE QU-18-105 SURVEYED DATA  
 LOCATION 152+50 500 LT SEC TP RGE W ELEV. 22  
 AREA QUINSBERRY LOC. 5000 FT. 5000  
 PROVINCE B.C. (119) 71

RUN No. 2  
 DATE MAY 4 1978  
 DEPTH - DRILLER 134'  
 DEPTH - LOGGER 134'  
 FLUID LEVEL 23.5'  
 LOGGING TIME 5 hr total  
 DRILLED BY Kent's Drilling  
 RECORDED BY R. Dunsford  
 WITNESSED BY R. Dunsford

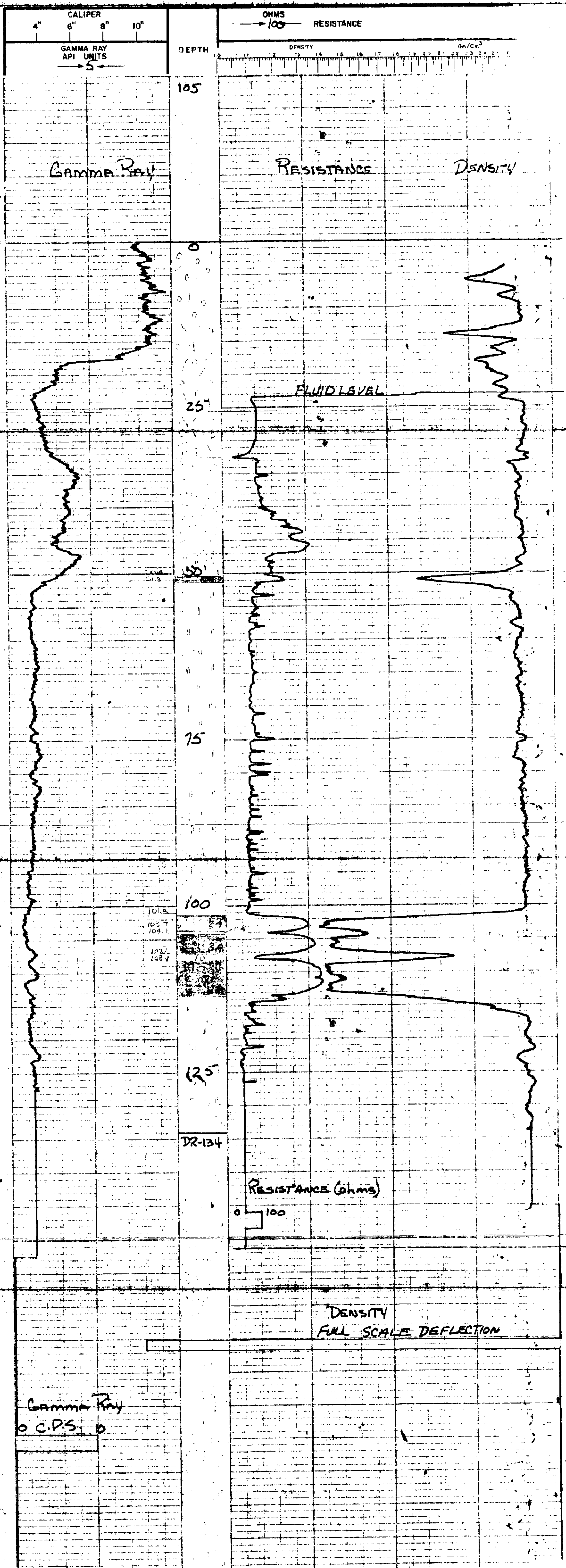
BORE-HOLE RECORD  
 BIT 6" FROM SURF TO T.D. SIZE 6" FROM SURF TO 33'

EQUIPMENT DATA  
 GAMMA RAY TOOL MODEL No. L-103 RESISTANCE TOOL MODEL No. L-103 DENSITY TOOL MODEL No. L-103 CALIPER  
 DIAMETER 2 1/8" DETECTOR MODEL No. CP-516 TYPE ME ME F SCINT 13"  
 LENGTH 3 LENGTH 1" HOR SCALE MODEL 100 Q/dlv HOVP  
 TRUCK No. 2 LOCATION Campbell RIVER LOGGING DATA ISOTOPE CS-137 STRENGTH 125 m.c.

GENERAL		GAMMA RAY				DENSITY			
RUN No.	DEPTHS FROM TO	SPEED F/Min	T.C. SEC	SENS ZERO	API UNITS PER DIV.	T.C. SEC	SENS ZERO	SENS ZERO	ZERO
1	134'	0	12	4	100	5	1	1	1

REMARKS:

RC



GAMMA RAY

RESISTANCE

DENSITY

FLUID LEVEL

RESISTANCE (ohms)

DENSITY FULL SCALE DEFLECTION

Gamma Ray  
0 C.P.S. 0

DR-134

78-107

**LEXCO TESTING LTD. GAMMA-DENSITY - RESISTANCE**

700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA.

HOLE OU-78-107 SURVEYED DATA

LOCATION 157+50 / 250 LI SEC TP RGE W ELEV. 1095

AREA QUINSPRA LOC. 158+2 - 129.75

PROVINCE B.C. (2071)

RUN No. 1  
 DATE May 17, 1978  
 DEPTH - DRILLER 130'  
 DEPTH - LOGGER 129'  
 FLUID LEVEL 8'  
 LOGGING TIME 8  
 DRILLED BY Shirley Drilling  
 RECORDED BY D. DUNBAR  
 WITNESSED BY R. Koushgham

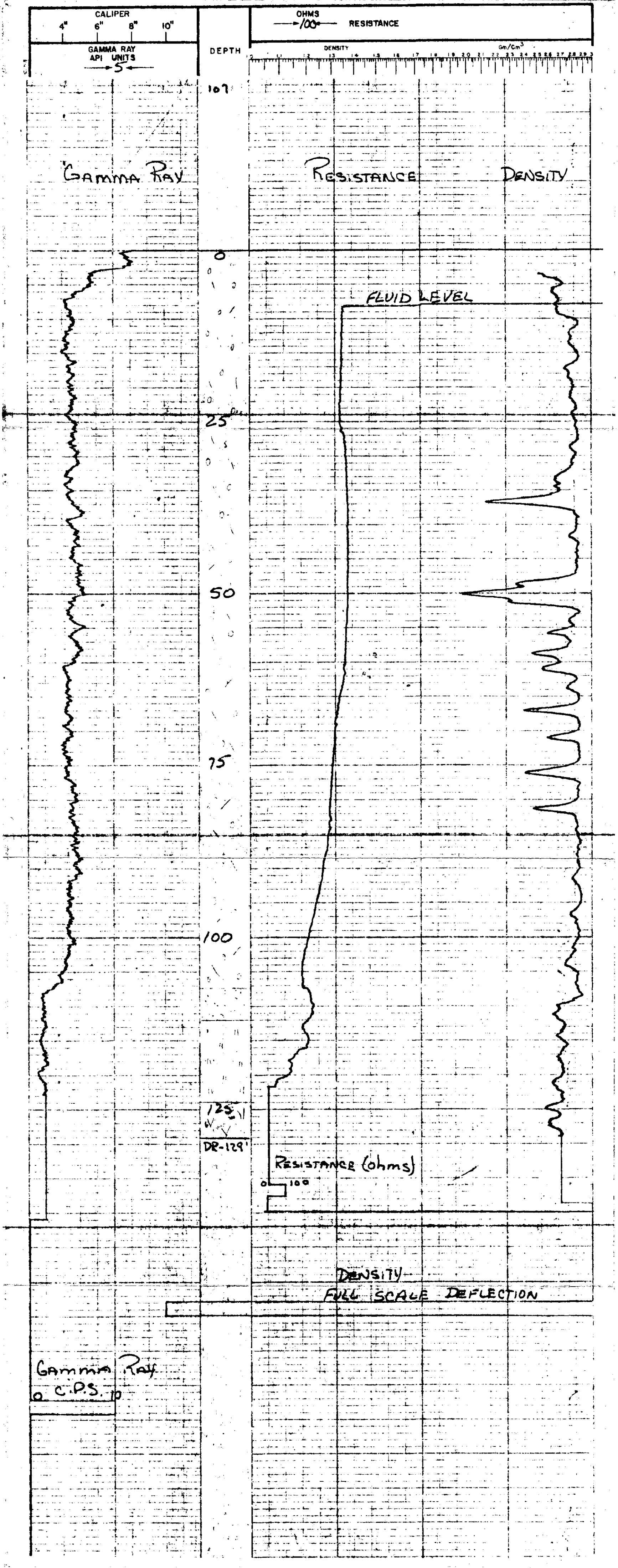
BORE-HOLE RECORD  
 BIT 6" FROM SURF TO T.D. SIZE 6" FROM SURF TO 108'

EQUIPMENT DATA		RESISTANCE		DENSITY		CALIPER	
TOOL MODEL No.	L-103	TOOL MODEL No.	L-103	TOOL MODEL No.	L-103	TOOL MODEL No.	L-103
DIAMETER	2 1/8"	DIAMETER	2 1/8"	DIAMETER	2 1/8"	DIAMETER	2 1/8"
DETECTOR MODEL No.	CP-516	DETECTOR MODEL No.	CP-516	DETECTOR MODEL No.	CP-516	DETECTOR MODEL No.	CP-516
TYPE	SCINT	TYPE	SCINT	TYPE	SCINT	TYPE	SCINT
LENGTH	3	LENGTH	3	LENGTH	3	LENGTH	3

GENERAL  
 TRUCK No. 2  
 LOCATION CAMPBELL RIVER  
 LOGGING DATA

GENERAL				GAMMA RAY				DENSITY									
RUN No.	1	DEPTHS FROM	129'	SPEED TO	0	T.C. P/Min	12	SENS. SEC.	4	API UNITS PER DN.	5	T.C. SEC.	1	SENS. SETTINGS	1K	ZERO	

REMARKS:



78-109(C)

**LEXCO TESTING LTD. GAMMA-DENSITY - RESISTANCE**

700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA

HOLE QU-78-109(C) SURVEYED DATA

LOCATION 145+00 R. SEC 1250 TP. RGE. W ELEV. 5175

AREA QUINSAM LOC. 2171

PROVINCE B.C.

DATE May 15 1978

DEPTH-DRILLER 189'

DEPTH-LOGGER 189'

FLUID LEVEL 42'

LOGGING TIME 75 hr total

DRILLED BY R. Sait

RECORDED BY R. Dunbar

WITNESSED BY R. Sanderson

BIT 5 1/2" Surf TO 24' SIZE 8 1/4" FROM Surf TO 24'

BORE-HOLE RECORD FD

EQUIPMENT DATA

GAMMA RAY TOOL MODEL NO. L-103 TOOL MODEL NO. L-103 RESISTANCE DENSITY CALIPER

DIAMETER 2 1/8" DIAMETER 2 1/8"

DETECTOR MODEL NO. CF-516 TYPE ME F 13"

TYPE SCINT SCINT 13"

LENGTH 3

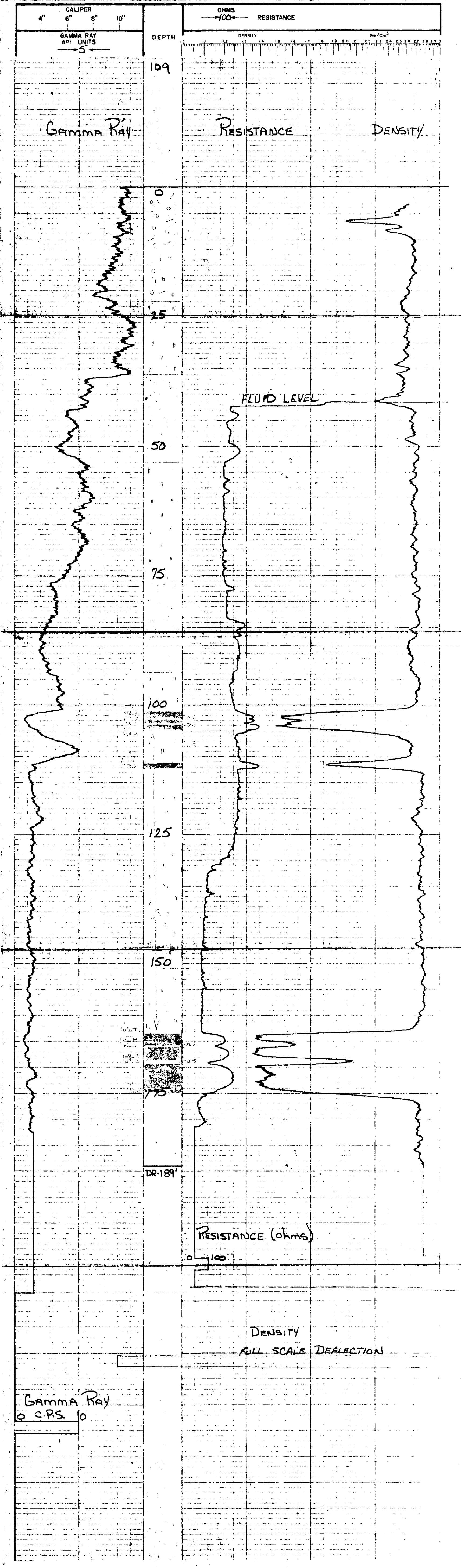
GENERAL TRUCK No. 2 HOPE SCALE 1000 lb HOPE

LOCATION Campbell River SOURCE MODEL CS-137 CS-137

LOGGING DATA

GENERAL				GAMMA RAY				DENSITY			
RUN NO.	DEPTHS FROM	TO	SPEED	T.C.	SENS. PER DIV.	ZERO	API UNITS	T.C.	SENS. PER DIV.	SEC. SETTINGS	ZERO
1	189	0	12	4	100		5	1	1	1K	

REMARKS:



GAMMA RAY

RESISTANCE

DENSITY

FLUID LEVEL

RESISTANCE (ohms)

DENSITY FULL SCALE DEFLECTION

Gamma Ray  
0 C.P.S.







78-114(c)

**LEXCO TESTING LTD. GAMMA-DENSITY - RESISTANCE**

700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA.

HOLE QU-78-114(c) SURVEYED DATA

LOCATION SPART SEC TP RGE W ELEV. 1023

AREA QUINSARD LOC# TA-17 - 453R

PROVINCE BC (247)

DATE MAY 25/1978

DEPTH-DRILLER 128

DEPTH-LOGGER 127

FLUID LEVEL FULL

LOGGING TIME 54-10A

DRILLED BY R. SULT

RECORDED BY D. SUNBAR

WITNESSED BY R. KOSZYBA

BIT 8 1/2" S&W TO 471 SIZE 9 1/2" FROM S&W TO 471

BORE-HOLE RECORD 41 TO 471 EQUIPMENT DATA

GAMMA RAY L-103 TOOL MODEL No. L-103 RESISTANCE DENSITY CALIPER

DIAMETER 2 1/8" DIAMETER 2 1/8" DIAMETER 2 1/8"

DETECTOR MODEL No. CP-516 TYPE ME F

TYPE SCINT SCINT LENGTH 13"

GENERAL LOGGING DATA

TRUCK No. 2 HOV SCALE 100 HOV P 125

LOCATION CAMPBELL ISOTOPE CS-137

GENERAL LOGGING DATA

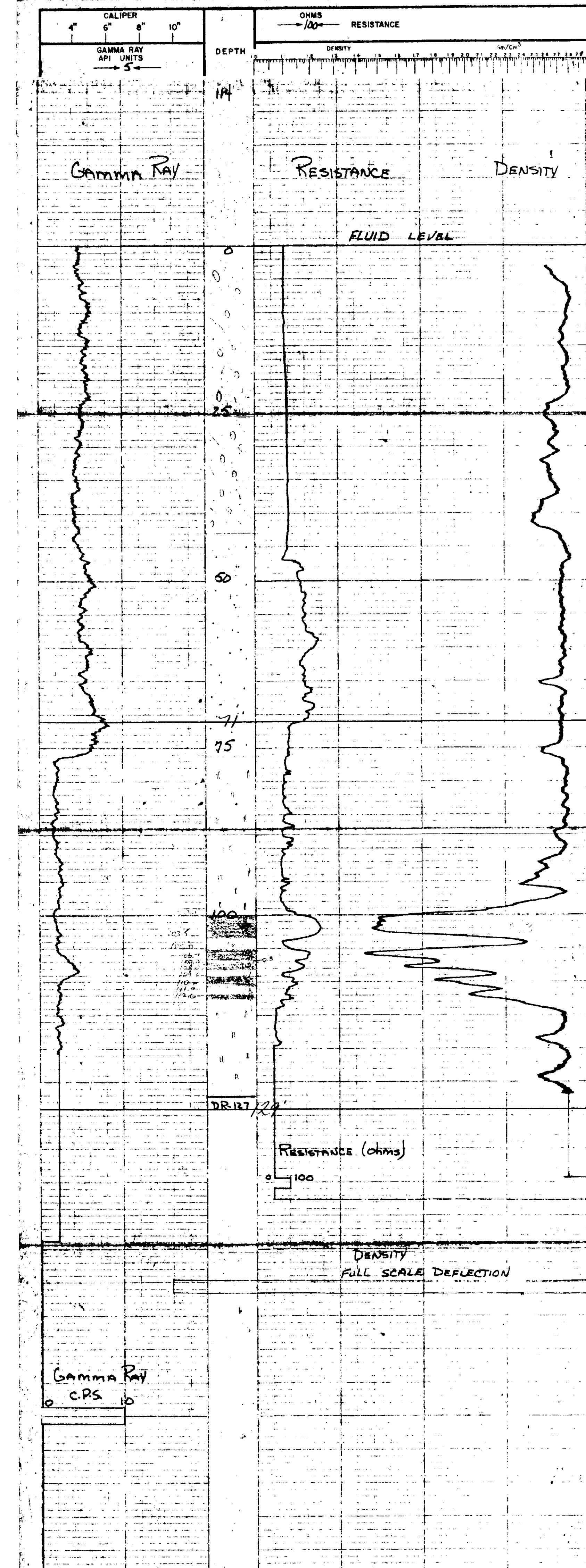
RUN DEPTHS SPEED T.C. SENS ZERO API UNITS T.C. SENS ZERO

NO. FROM TO F/min SEC. SETTINGS PER DIV. SEC. SETTINGS

1 127 0 12 4 100 5 1 1K

REMARKS

PC





No. 78-113

**LEXCO TESTING LTD. GAMMA-DENSITY - RESISTANCE**

700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA

HOLE QJ-78-113 SURVEYED DATA  
 LOCATION 500 FT SEC 21 T1P RGE W ELEV. 1054  
 AREA QUINSMAN LOC. 42+56 - 502 LT  
 PROVINCE BC

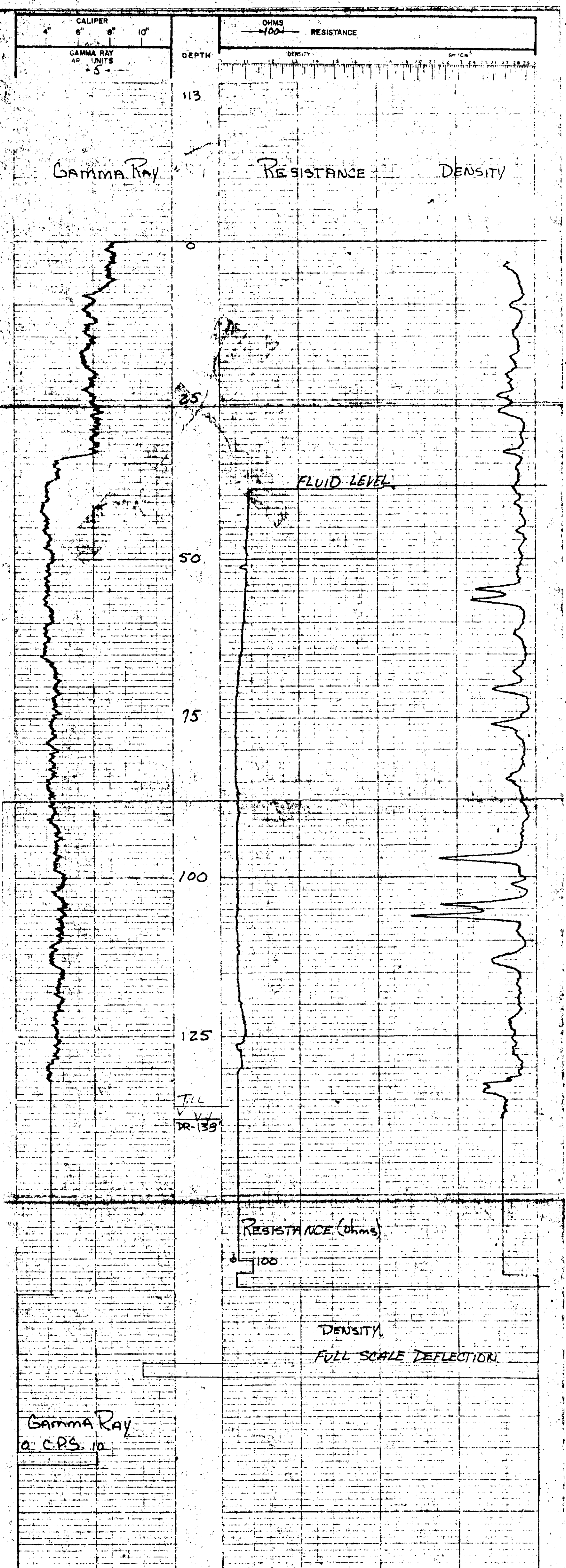
RUN No. 2  
 DATE MAY 18, 1978  
 DEPTH - DRILLER 140'  
 DEPTH - LOGGER 138'  
 FLUID LEVEL 39'  
 LOGGING TIME  
 DRILLED BY 516 A.L. KANS DRILLING  
 RECORDED BY P. DUBOIS  
 WITNESSED BY P. ROSSIGNOL

BIT 6" SOFT FROM ID TO 6" SOFT SIZE 6" FROM SOFT TO 1 1/2"  
 CORE-HOLE RECORD  
 CASING RECORD

EQUIPMENT DATA  
 GAMMA RAY TOOL MODEL No. L-103 RESISTANCE TOOL MODEL No. L-103 DENSITY TOOL MODEL No. L-103 CALIPER  
 DIAMETER 2 1/8" DETECTOR MODEL No. CP-516 TYPE ME ME F SCINT 13"  
 LENGTH 3' HOV. SCALE 10052 HOVP 111  
 TRUCK No. 2 SOURCE MODEL CS-137  
 LOCATION CAMPBELL RIVER ISOTOPE CS-137  
 STRENGTH 25 mC

GENERAL		GAMMA RAY		RESISTANCE		DENSITY	
RUN No.	DEPTH	SP. SEC.	SEMS ZERO	API UNITS	T.C. SEC.	SEMS ZERO	SEMS ZERO
<u>1</u>	<u>138</u>	<u>0</u>	<u>1/2</u>	<u>100</u>	<u>1</u>	<u>1</u>	<u>1K</u>

PC



28-11-60

# LEXCO TESTING LTD. GAMMA DENSITY - RESISTANCE

700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA.

DATE: 05-18-112 (S) SPARETED DATA

LOCATION: No. 200 2235 ST. SEC. 17 T16 R16 W. S12V 1/2 (S) 100' X 75' X 15'

NO.	DATE	DEPTH	RESISTANCE	DENSITY	REMARKS
1	05-18-112	0-100	100	1.15	
2	05-18-112	100-125	125	1.15	
3	05-18-112	125-150	150	1.15	
4	05-18-112	150-175	175	1.15	
5	05-18-112	175-200	175	1.15	



RESISTANCE (Ohms)

DENSITY  
FULL SCALE DEFLECTION

Gamma Ray  
0 C.P.S. 10



78-116

**LEXCO TESTING LTD. GAMMA-DENSITY - RESISTANCE**

700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA.

HOLE QU-7B-116 SURVEYED DATA

LOCATION 172+50 R SEC TP RGE W ELEV. 1036

AREA QUINSAM LOC. 172+53 - 123.00

PROVINCE B.C. (277) 71

RUN No. 1 DATE MAY 25 1978

DEPTH - DRILLER 189'

DEPTH - LOGGER 178'

FLUID LEVEL 115' h. h. h. h. h.

LOGGING TIME 11 h. h. h. h. h.

DRILLED BY H. J. JACKIT

RECORDED BY D. QUINSAM

WITNESSED BY R. KOSMIGER

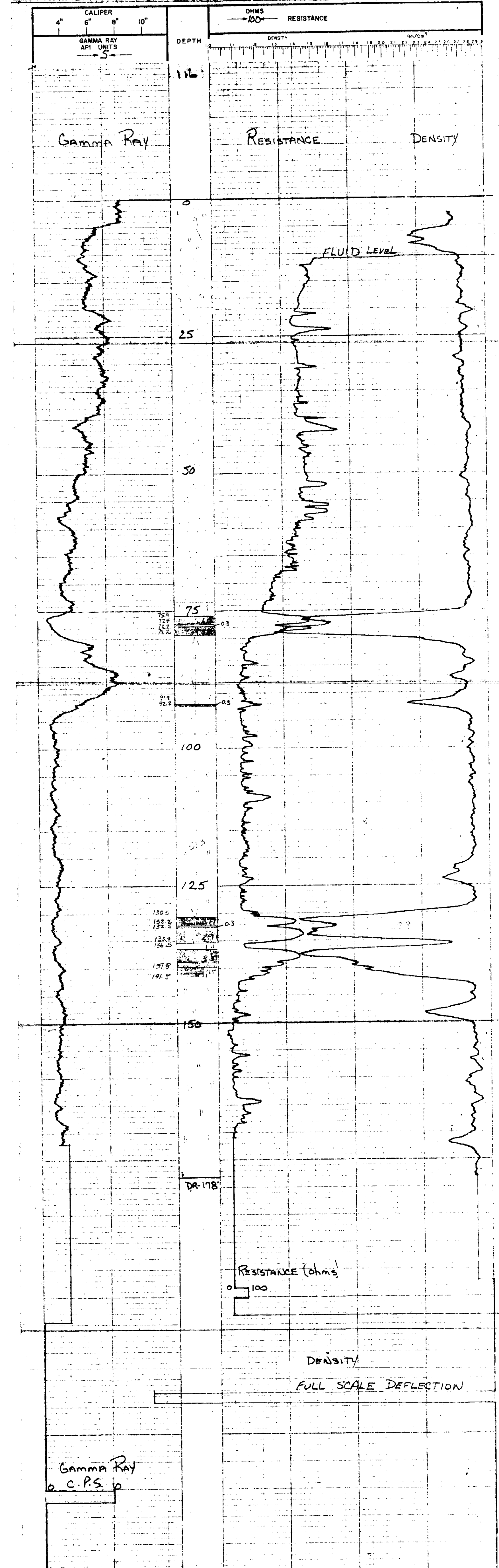
BORE-HOLE RECORD

BIT FROM 5 1/2' TO 20' SIZE 5 1/2" CASING RECORD

4 1/2" T.D. TO 20'

REMARKS

PC



Gamma Ray  
C.P.S.



78-117

**LEXCO TESTING LTD. GAMMA-DENSITY - RESISTANCE**

700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA

HOLE QU-78-117 SURVEYED DATA

LOCATION 177+50 RT SEC TP RGE W ELEV. 1057

AREA QUINSMAN LOC. 177+63 - 224 97

PROVINCE BC (L28) 71

DATE Nov 26, 1978

DEPTH-DRILLER 140

DEPTH-LOGGER 138

LOGGING TIME 5 hr. 0.1

DRILLED BY D. DUNCAN

RECORDED BY R. KANGSBAUM

WITNESSED BY R. KANGSBAUM

BORE-HOLE RECORD

BIT FROM 5 1/2" TO 62'

SIZE FROM 5 1/2" SURF TO 62'

CASING RECORD

EQUIPMENT DATA

GAMMA RAY TOOL MODEL No. L-103 RESISTANCE TOOL MODEL No. L-103 DENSITY TOOL MODEL No. L-103 CALIPER

DIAMETER 2 1/8" TYPE ME

DETECTOR MODEL No. CS-516 SCINT SPACING 13"

LENGTH 3' HOR SCALE 1005 L.B.I.V. HOVP

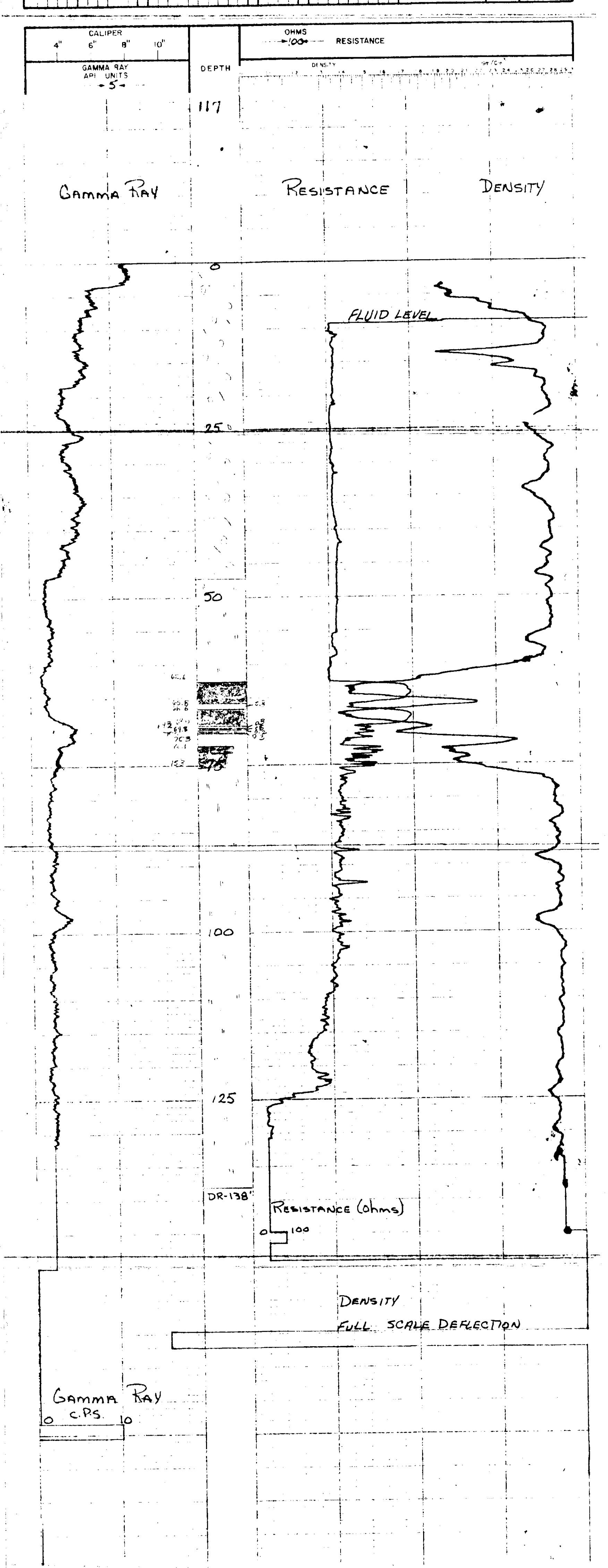
TRUCK No. 2 SOURCE MODEL CS-137 ISOTOPE 125 m.c.

LOCATION CAMPBELL RIVER LOGGING DATA

GENERAL		GAMMA RAY		DENSITY			
RUN No	DEPTHS FROM TO	SPEED F/Min	T.C. SEC	SENR. ZERO	API UNITS PER DIV	T.C. SEC	SENR. ZERO
1	0	12	4	100	5	1	1K

REMARKS

PC



GAMMA RAY

RESISTANCE

DENSITY

FLUID LEVEL

Resistance (ohms)

DENSITY FULL SCALE DEFLECTION

GAMMA RAY 0 C.P.S. 10

78-115

**LEXCO TESTING LTD. GAMMA-DENSITY - RESISTANCE**

700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA

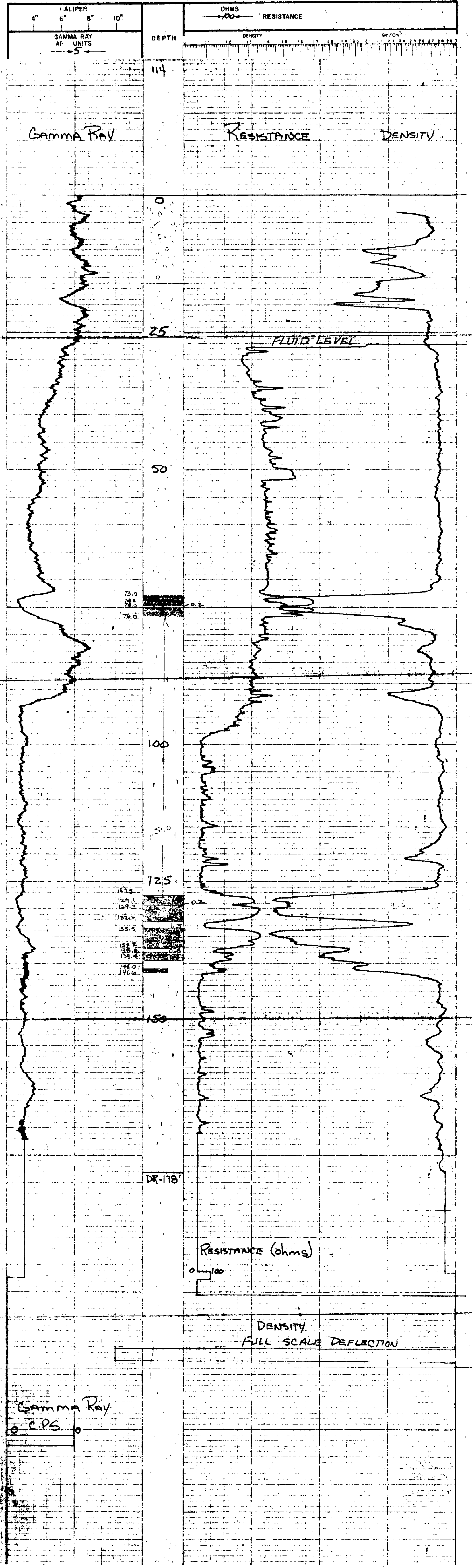
HOLE QJ-18-115 SURVEYED DATA  
 LOCATION 750RT SEC TP RGE W ELEV. 1635  
 AREA QUINSMAN LOC. 172+41 - 7X-6  
 PROVINCE BC (229) 71

RUN No. \_\_\_\_\_ DATE May 25/1978  
 DEPTH-DRILLER \_\_\_\_\_ DEPTH-LOGGER 180'  
 FLUID LEVEL 178'  
 LOGGING TIME \_\_\_\_\_  
 DRILLED BY Sgt. Field  
 RECORDED BY H. J. J. J.  
 WITNESSED BY D. J. J. J.

BORE-HOLE RECORD TO \_\_\_\_\_ SIZE 5 1/4" FROM \_\_\_\_\_ TO \_\_\_\_\_  
 EQUIPMENT DATA  
 GAMMA RAY \_\_\_\_\_ RESISTANCE \_\_\_\_\_ DENSITY \_\_\_\_\_ CALIPER \_\_\_\_\_  
 TOOL MODEL No. L-103 TOOL MODEL No. L-103  
 DIAMETER 2 1/8 DIAMETER 2 1/8  
 DETECTOR MODEL No. CP-516 ME F  
 TYPE \_\_\_\_\_ SCINT \_\_\_\_\_  
 LENGTH \_\_\_\_\_ SPACING 13"  
 GENERAL \_\_\_\_\_ HOV SCALE 100 & 11 V  
 TRUCK No. 2 SOURCE MODEL \_\_\_\_\_ HOV \_\_\_\_\_  
 LOCATION CAMPBELL RIVER ISOTOPE CS-137  
 STRENGTH \_\_\_\_\_ 125 m.c.

GENERAL		GAMMA RAY		DENSITY	
RUN No.	DEPTHS	T.C.	SENS.	API UNITS	T.C.
1	FROM TO	SEC	ZERO	PER DIV.	SEC
1	178 0	12	4	5	1K

REMARKS:  
**PC**



Gamma Ray  
 0 - C.P.S. 0

78-118

**LEXCO TESTING LTD. GAMMA-DENSITY - RESISTANCE**

700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA

HOLE QU-78-118 SURVEYED DATA

LOCATION 175+100 500 LT SEC TP RGE W ELEV 1076

AREA Quinsam LOC 175+100 - 500 LT

PROVINCE B.C. (230) 71

DATE May 26/1978

DEPTH-DRILLER 70'

FLUID LEVEL full

LOGGING TIME 5 hr total

DRILLED BY R. SALT

RECORDED BY R. PUNGBAR

WITNESSED BY R. HANDBAND

BORE-HOLE RECORD

BIT 8 1/2" Surf TO T.D. SIZE FROM TO

EQUIPMENT DATA

GAMMA RAY TOOL MODEL No. L-103 RESISTANCE TOOL MODEL No. L-103 DENSITY TOOL MODEL No. L-103 CALIPER

DIAMETER 2 1/8" DETECTOR MODEL No. CP-516 TYPE ME ME F

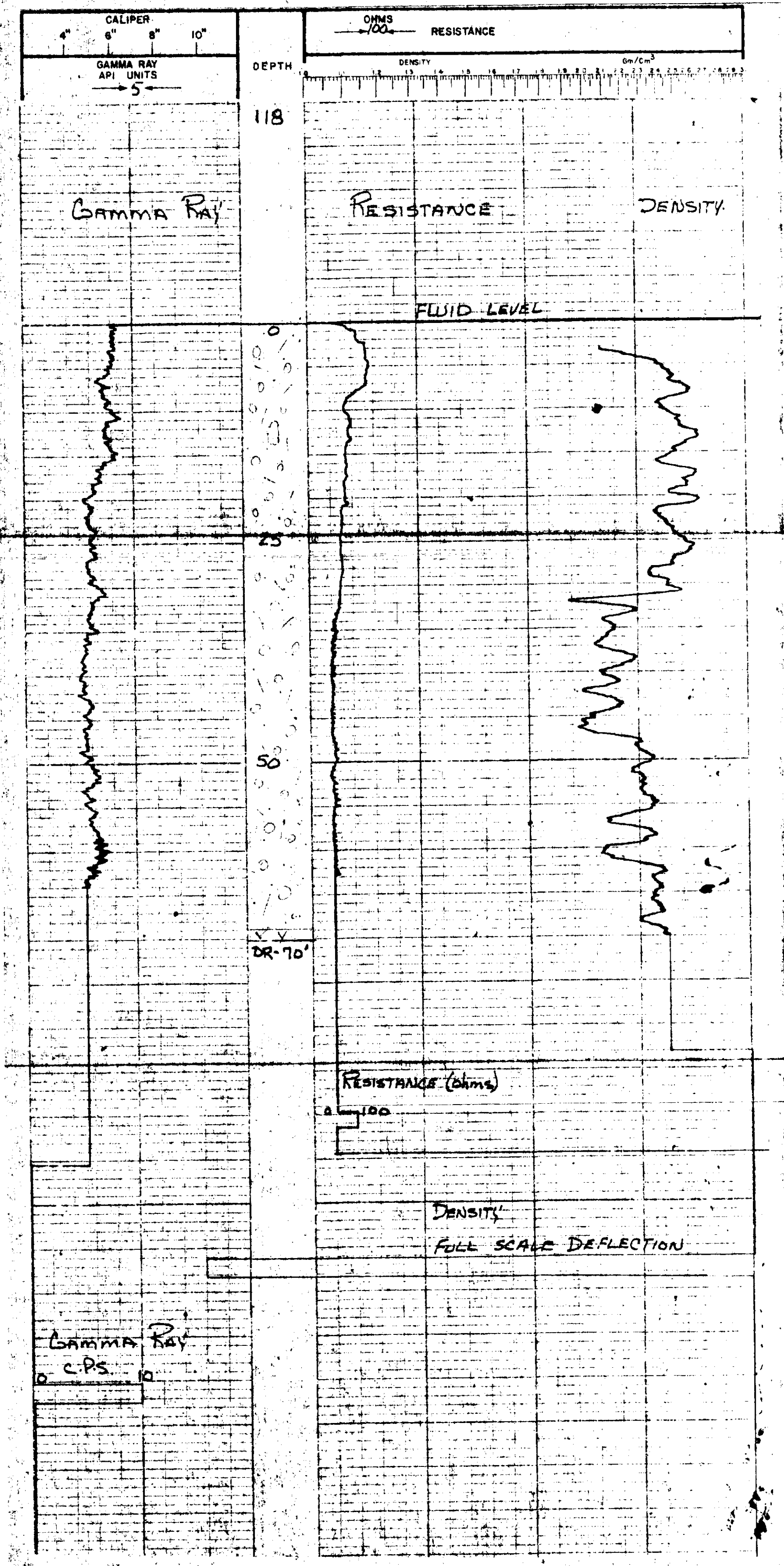
LENGTH 3 LENGTH 13"

TRUCK No. 2 HOR SCALE 100% density

LOCATION CAMPBELL KIVER ISOTOPE CS-137 HOVP 129 mC

GENERAL				GAMMA RAY				DENSITY					
RUN No.	DEPTHS FROM TO	SPEED F/Min	T.C. SEC. SETTING	SENS ZERO	API UNITS PER DIV	T.C. SEC. SETTING	SENS ZERO	RUN No.	DEPTHS FROM TO	SPEED F/Min	T.C. SEC. SETTING	SENS ZERO	
1	70'	0	12	4	100	5	1	1	70'	0	12	4	100

REMARKS: 100% density



PC





78-120

**LEXCO TESTING LTD. GAMMA-DENSITY - RESISTANCE**

700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA.

HOLE OU-78-120 SURVEYED DATA

LOCATION 171+50 1000 Rt SEC TP RGE W ELEV. 1052

AREA QUINSMAN LOC. 171+54 - 930R

PROVINCE B.C. (33) 71

DATE May 27, 1978

DEPTH - DRILLER 140'

DEPTH - LOGGER 137'

FLUID LEVEL 5 hr Total

LOGGING TIME H. JUNGERT

DRILLED BY D. QUINSMAN

RECORDED BY D. QUINSMAN

WITNESSED BY R. Kossoban

BIT 5 1/2" Surf TO 62' SIZE 5 1/2" FROM Surf TO 62'

TOOL MODEL NO. L-103 TOOL MODEL NO. L-103 RESISTANCE DENSITY CALIPER

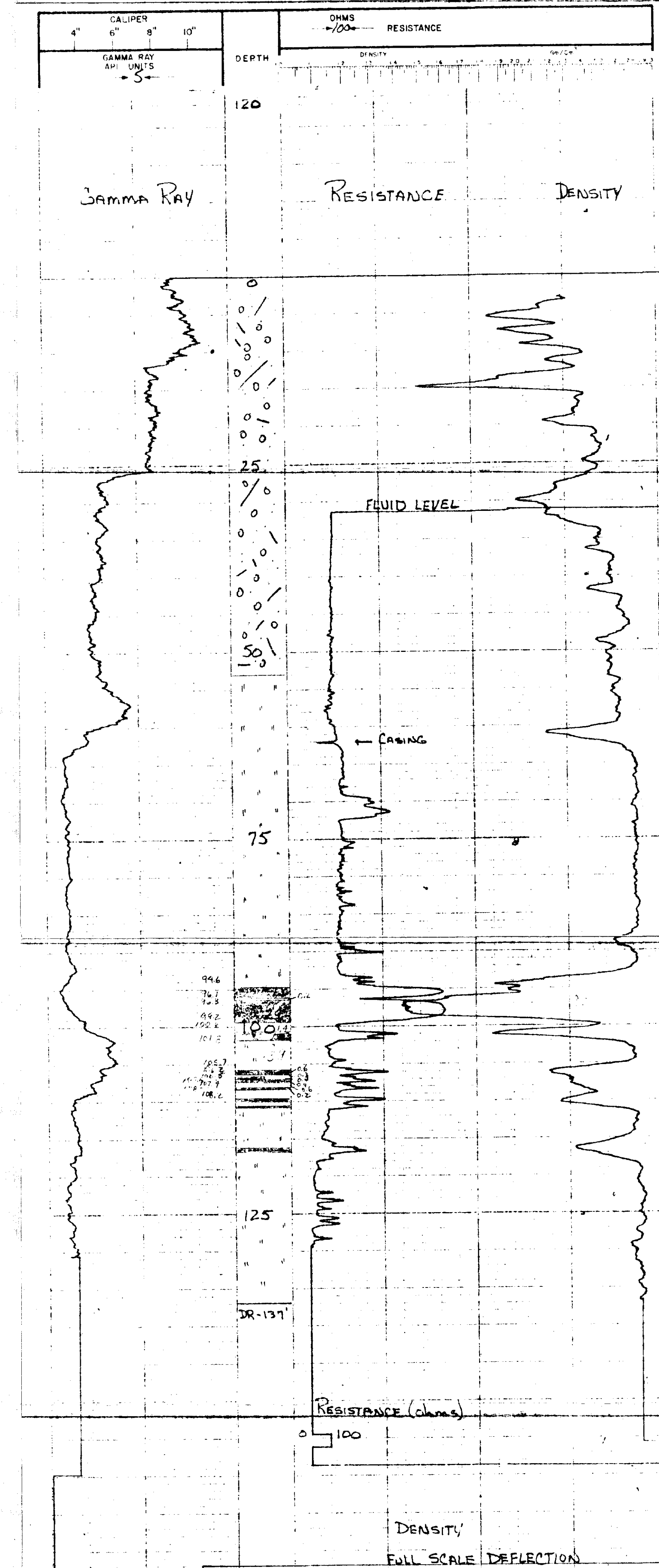
DIAMETER 2 1/8" DIAMETER 2 1/8" ME F

DETECTOR MODEL No. CP-516 SCINT 12"

LENGTH 3' HOV SCALE 100 R/L

TRUCK No. 2 ISOTOPE CS-137 HOV P. 125 m.c.

LOCATION Carpaell River LOGGING DATA



Gamma Ray  
C.P.S.

REMARKS:

PC

78-121

**LEXCO TESTING LTD. GAMMA-DENSITY - RESISTANCE**

700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA.

HOLE QD-78-121 SURVEYED DATA  
 LOCATION 172+50 SEC. TP RGE W ELEV. 1088  
 AREA QUINSBAM LOC. 172+31-22947  
 PROVINCE BC (53) 71

DATE May 27, 1978  
 DEPTH - DRILLER 144'  
 DEPTH - LOGGER 142'  
 FLUID LEVEL 24'  
 LOGGING TIME 5 1/2  
 DRILLED BY Ken's Drilling  
 RECORDED BY D. Dunbar  
 WITNESSED BY R. Rasmussen

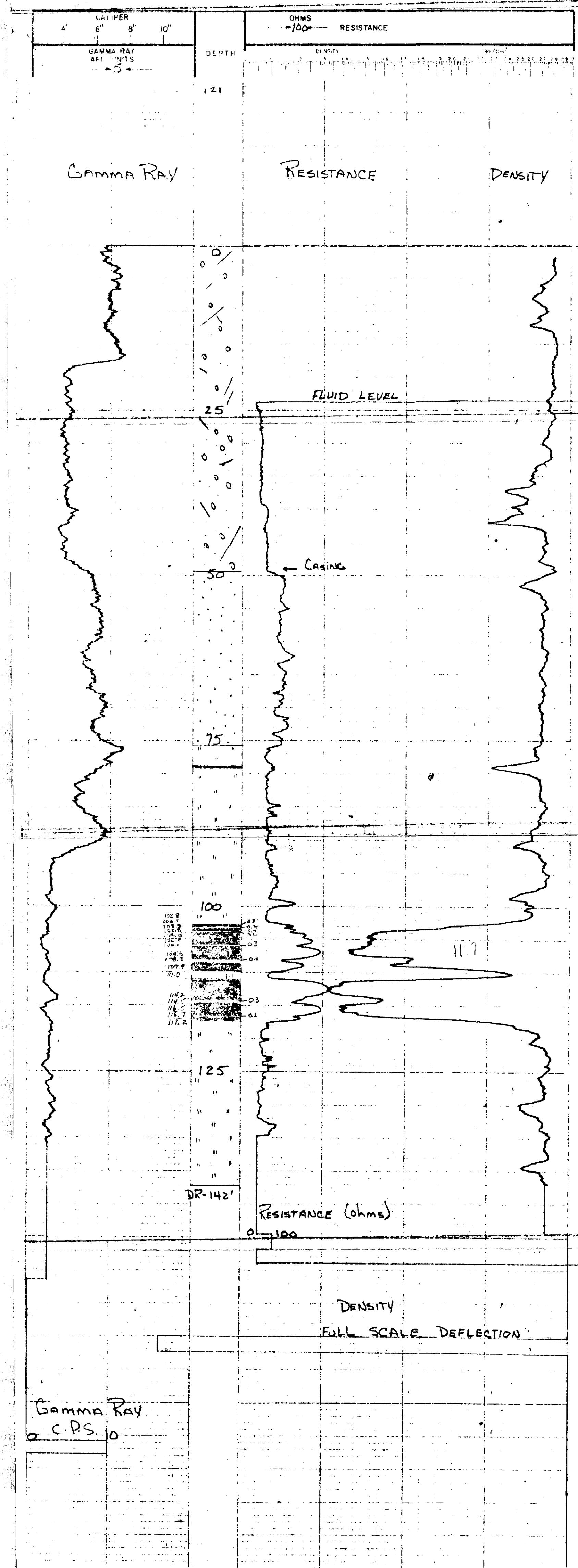
BIT 6" FROM SURF TO T.D. CASING RECORD  
 SIZE 6" FROM SURF TO 50'

EQUIPMENT DATA  
 GAMMA RAY TOOL MODEL No. L-103 RESISTANCE TOOL MODEL No. L-103 DENSITY TOOL MODEL No. L-103 CALIPER  
 DIAMETER 2 1/8" DETECTOR MODEL No. CF-516 TYPE MC TYPE F TYPE F  
 SCINT SCINT SCINT 13" SCINT 13"  
 LENGTH 3" LENGTH 13" LENGTH 13"

GENERAL LOGGING DATA  
 TRUCK No. 2 HOR SCALE 100 21/41V HOVP  
 LOCATION CAMPBELL RIVER ISOTOPE GS-137 STRENGTH 123 m.c.

GENERAL	GAMMA RAY				DENSITY				
RUN NO.	DEPTHS FROM TO	SPEED F/Min	T.C. SEC.	SENS. SETTING	ZERO	API UNITS PER DIV	T.C. SEC.	SENS. SETTING	ZERO
1	142'	0	12	4	100	5	1	1K	

REMARKS  
**PC**





78-122

**LEXCO TESTING LTD. GAMMA-DENSITY - RESISTANCE**

700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA.

HOLE QJ-7B-122 SURVEYED DATA  
 LOCATION 177+50 SEC 1252R TP RGE W W ELEV. 1061  
 AREA Quinsam LOC. 177+53 - 1149R  
 PROVINCE BC (L34) 71

RUN No. 2  
 DATE May 28, 1978  
 DEPTH-DRILLER 180'  
 DEPTH-LOGGER 178'  
 FLUID LEVEL 38.5'  
 LOGGING TIME 75 hr Total  
 DRILLED BY H. Vincent  
 RECORDED BY P. Dunbar  
 WITNESSED BY R. Kouschman

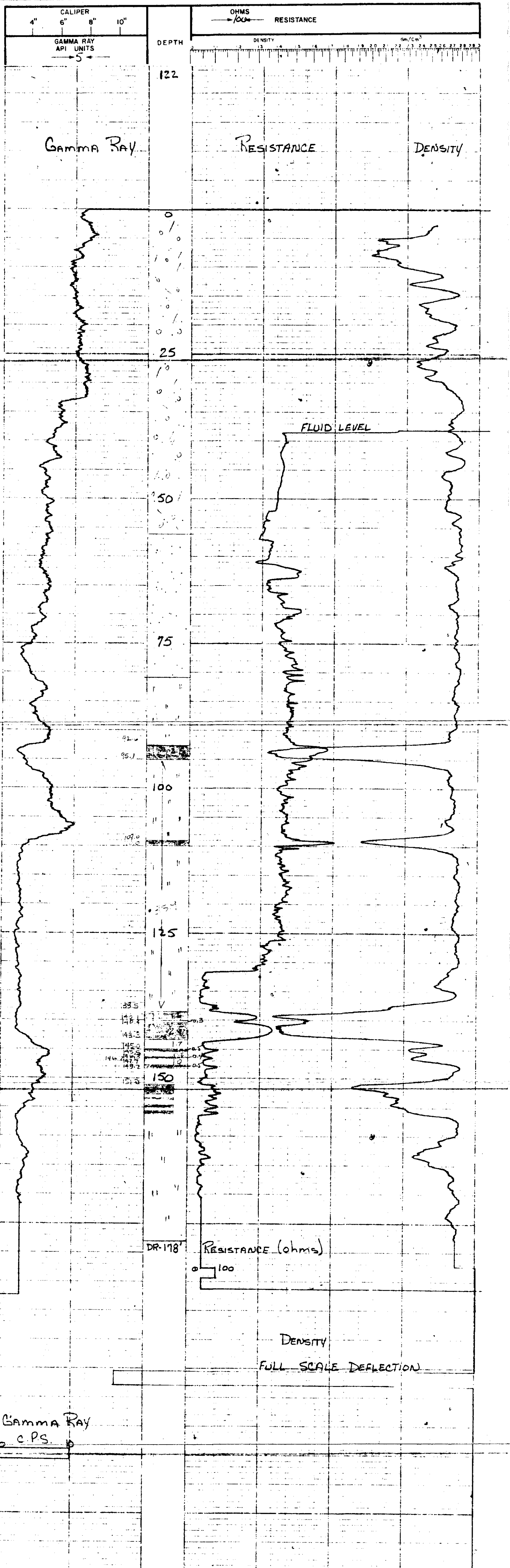
BORE-HOLE RECORD  
 BIT 5 1/2" SURF TO 63' CASING RECORD FROM 5 1/2" SURF TO 63'  
 BIT 4 1/2" T.D.

EQUIPMENT DATA  
 GAMMA RAY TOOL MODEL No. L-103 RESISTANCE TOOL MODEL No. L-103 DENSITY TOOL MODEL No. L-103 CALIPER  
 DIAMETER 2 1/8" CP-SIB TYPE CP-SIB ME F SCINT F LENGTH 13"  
 DETECTOR MODEL No. 3" HOE SCALE 100 c.p.s. HOVP CS-137  
 TRUCK No. 2 SOURCE MODEL 100 c.p.s. ISOIOTPE CS-137 STRENGTH 125 m.c.  
 LOCATION Campbell River LOGGING DATA

GENERAL		GAMMA RAY		DENSITY			
Run No	Depths	Speed	T.C. SENS	Zero	API Units	T.C. SENS	Zero
From	To	F/min	Sec	Settings	Per Div	Sec	Settings
1	178'	0	12	4	100	1	1K

REMARKS:

PC



Gamma Ray  
c.p.s.

78-123

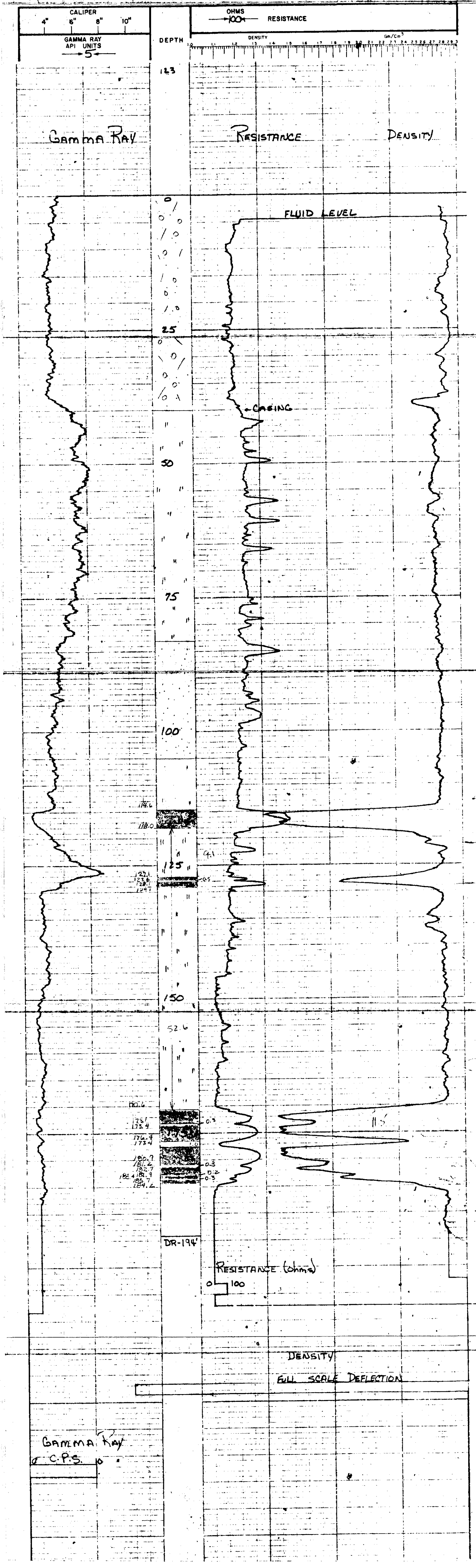
**LEXCO TESTING LTD. GAMMA-DENSITY - RESISTANCE**

700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA.

HOLE QU-78-123 SURVEYED DATA  
 LOCATION 167+50 SEC 750RT TP RGE W ELEV. 1082  
 AREA Quinsam LOC. 167+50 - 696 ft  
 PROVINCE B.C. (235) 71

RUN No. 2  
 DATE MAY 28, 1978  
 DEPTH-DRILLER 204  
 DEPTH-LOGGER 194  
 FLUID LEVEL 45'  
 LOGGING TIME 25 hr total  
 DRILLED BY Karl's Drilling  
 RECORDED BY D. DUBOIS  
 WITNESSED BY K. KONGAQUA  
 BIT 6" SOFT T.D. 6" SIZE SOFT FROM 391 TO 391  
 BORE-HOLE RECORD

EQUIPMENT DATA				RESISTANCE				DENSITY				CALIPER				
GAMMA RAY		TOOL MODEL NO.		L-103		L-103		L-103		L-103		L-103		L-103		
TOOL MODEL NO.		2-103		DIAMETER		2 1/8"		DIAMETER		2 1/8"		DIAMETER		2 1/8"		
DETECTOR MODEL NO.		CP-516		TYPE		ME		TYPE		F		TYPE		F		
TYPE		SCINT		SCINT		SCINT		SCINT		SCINT		SCINT		SCINT		
LENGTH		3"		SCALING		15"		SCALING		15"		SCALING		15"		
TRUCK No.		GENERAL		HOR. SCALE		100 S.D./DIV.		HOR. SCALE		100 S.D./DIV.		HOR. SCALE		100 S.D./DIV.		
LOCATION		CAMPBELL RIVERS		SOURCE MODEL		CS-137		SOURCE MODEL		CS-137		SOURCE MODEL		CS-137		
LOGGING DATA		STRENGTH		ISOTOPE		125 m.c.		ISOTOPE		125 m.c.		ISOTOPE		125 m.c.		
GENERAL				GAMMA RAY				DENSITY				ZERO				
RUN No.	DEPTHS FROM	SPEED TO	T.C. SEC	SENS F/Min	ZERO	API UNITS PER DIV	T.C. SEC	SENS PER DIV	ZERO	API UNITS PER DIV	T.C. SEC	SENS PER DIV	ZERO	API UNITS PER DIV	T.C. SEC	SENS PER DIV
1	194	0	12	4	100	5	1	1	1	1	1	1	1	1	1	1



78-124

# LEXCO TESTING LTD. GAMMA-DENSITY - RESISTANCE

700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA.

HOLE QU-78-124 SURVEYED DATA

LOCATION 167+50 SEC 1600 TP 1 RGE W ELEV. 1073 LT

AREA QUINSEED PROV. B.C. (L36) 71 LOC. 167+30 - 594

DATE MAY 29, 1978

DEPTH-DRILLER 1120

DEPTH-LOGGER 114

FLUID LEVEL 5' - 76/61

LOGGING TIME 5' - 76/61

DRILLED BY KEN'S DRILLING

RECORDED BY D. BUNBAR

WITNESSED BY R. BUNBAR

BORE-HOLE RECORD

BIT 6" FROM SURF TO T.D. SIZE 6" FROM SURF TO 63'

EQUIPMENT DATA

GAMMA RAY TOOL MODEL NO. L-103 TOOL MODEL NO. L-103 RESISTANCE TOOL MODEL NO. L-103 DENSITY TOOL MODEL NO. L-103 CALIPER

DIAMETER 2 1/8" CP-516 TYPE HE DETECTOR MODEL NO. CP-516 SCINT HE SPACING 13"

LENGTH 3' TYPE SCINT LENGTH 1' HON SCALE 100% DIV

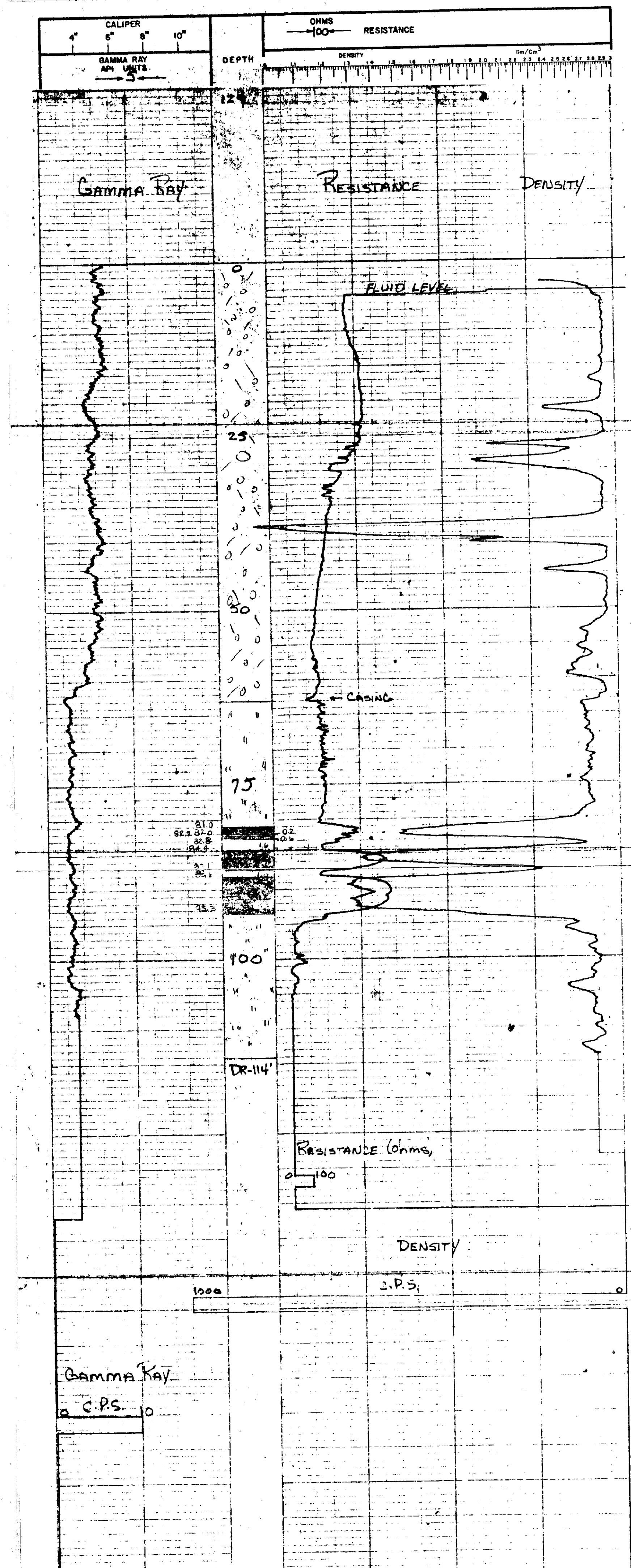
TRUCK No. 2 SOURCE MODEL CS-137 HOVP

LOCATION CRIBBELL RIVER ISOTOPE CS-137 STRENGTH 125 m.c.

GENERAL LOGGING DATA

GENERAL				GAMMA RAY				DENSITY			
RUN No.	DEPTHS FROM	SPEED TO	T.C. SEC.	SENS. F/AM.	ZERO	API UNITS PER DIV.	T.C. SEC.	SENS. SETTING	ZERO	SENS. SETTING	ZERO
1	114	0	12	4	100	5	1	1K			

REMARKS: **PC**



GAMMA RAY  
C.P.S. 10





78-126

**LEXCO TESTING LTD. GAMMA-DENSITY - RESISTANCE**

700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA.

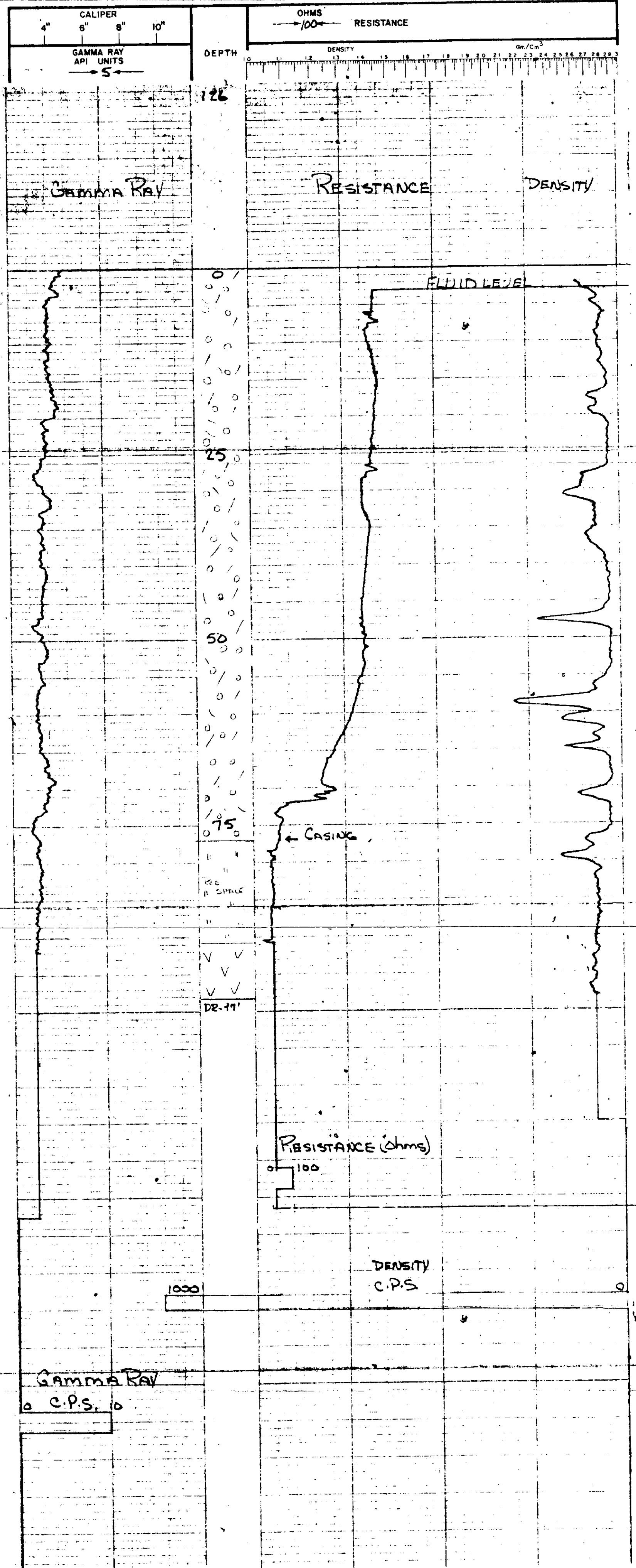
HOLE QU-78-126 SURVEYED DATA  
 LOCATION 17750 500LT SEC TP RGE W ELEV. 1069  
 AREA QUINSAM LOC. 177+81 - 460LT  
 PROVINCE B.C. (3871)

RUN No. 2  
 DATE MAY 31 1978  
 DEPTH-DRILLER 100'  
 DEPTH-LOGGER 97'  
 FLUID LEVEL 5 hr total  
 LOGGING TIME 5 hr total  
 DRILLED BY Kent's Drilling  
 RECORDED BY D. Quinsam  
 WITNESSED BY R. Ransay  
 BIT 6" SURF TO T.D. SIZE 6" FROM SURF TO 77'  
 BORE-HOLE RECORD CASING RECORD

EQUIPMENT DATA		GAMMA RAY		RESISTANCE		DENSITY		CALIPER	
TOOL MODEL No.	L-103	TOOL MODEL No.	L-103	RESISTANCE	DENSITY	TOOL MODEL No.	L-103	DIAMETER	2 1/8"
DIAMETER	2 1/8"	DIAMETER	2 1/8"	ME	F	TYPE	F	TYPE	F
DETECTOR MODEL No.	CP-516	SCINT	13"	SCINT	13"	SCINT	13"	SCINT	13"
TYPE	SCINT	SCINT	13"	SCINT	13"	SCINT	13"	SCINT	13"
LENGTH	3"	LENGTH	1"	LENGTH	1"	LENGTH	1"	LENGTH	1"
TRUCK No.	2	TRUCK No.	2	TRUCK No.	2	TRUCK No.	2	TRUCK No.	2
LOCATION	CAMPBELL	LOCATION	CAMPBELL	LOCATION	CAMPBELL	LOCATION	CAMPBELL	LOCATION	CAMPBELL
LOGGING DATA	PIPER	LOGGING DATA	PIPER	LOGGING DATA	PIPER	LOGGING DATA	PIPER	LOGGING DATA	PIPER

GENERAL		GAMMA RAY		DENSITY	
RUN No.	DEPTHS	SPEED	T.C.	SENS.	ZERO
1	97'	0	12	4	100

REMARKS  
**PC**



78-127

**LEXCO TESTING LTD. GAMMA-DENSITY - RESISTANCE**

700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA

HOLE QJ-78-127 SURVEYED DATA

LOCATION 70+00 R SEC TP RGE W ELEV. 1029

AREA QUNSRM (39) 71 LOC. 10411 - 2556 R

PROVINCE B.C. (39) 71

DATE MAY 21, 1978

DEPTH-DRILLER 250'

DEPTH-LOGGER 158'

FLUID LEVEL 19'

LOGGING TIME 7.5 hr total

DRILLED BY H. VINCENT

RECORDED BY R. DUNBAR

WITNESSED BY R. ROUSSEAU

BORE-HOLE RECORD

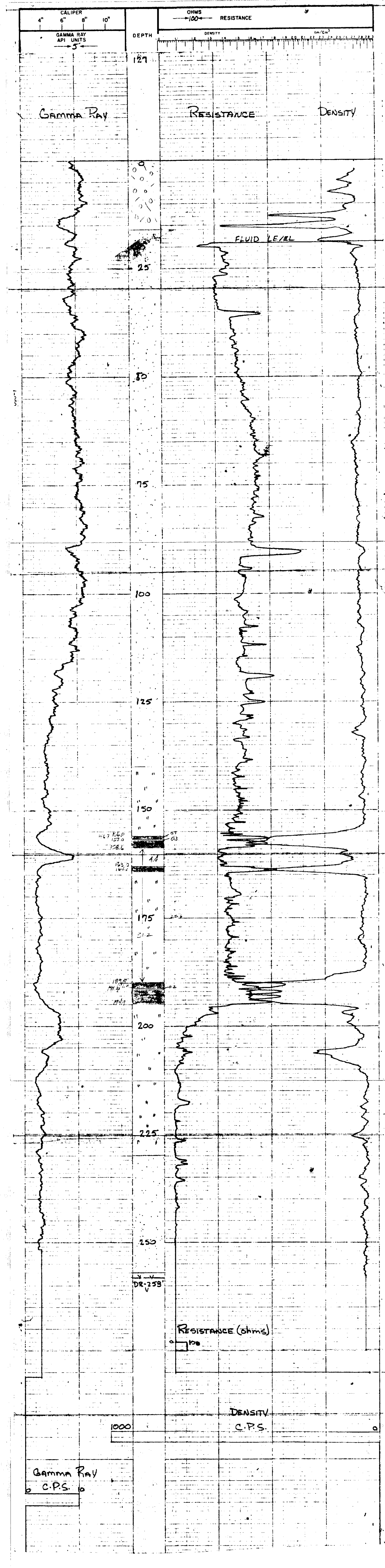
BIT SIZE FROM TO

5 1/2" 50-4' 20' 5 1/2" SURF 20'

4 1/2" 23' 10'

GENERAL				GAMMA RAY				DENSITY			
TOOL MODEL No.	L-103	TOOL MODEL No.	L-103	RESISTANCE	DENSITY	CALIPER	RESISTANCE	DENSITY	CALIPER	RESISTANCE	DENSITY
DIAMETER	2 1/8"	DIAMETER	2 1/8"	ME	F	13"					
DETECTOR MODEL No.	CP-516	TYPE	SCINT	SPACING	1"	LENGTH	3"				
TRUCK No.	2	HOR SCALE	100	HOVP	CS-137	ISOTOPE	125 m.c.				
LOCATION	PRPAUL RIVER	LOGGING DATA									
GENERAL				GAMMA RAY				DENSITY			
RUN No.	DEPTHS FROM TO	SPEED F/Min	T.C. SEC	SENS PER DIV	API UNITS	T.C. SEC	SENS PER DIV	API UNITS	T.C. SEC	SENS PER DIV	API UNITS
1	158' 0'	12	4	100	5	1	100	5	1	100	5

REMARKS: PC



Gamma Ray  
C.P.S.



78-129

LEXCO TESTING LTD. GAMMA-DENSITY - RESISTANCE

700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA.

HOLE QJ-78-129 SURVEYED DATA

LOCATION 167+50 252LT SEC TP RGE W ELEV. 1094

AREA QUINSAM 24071 LOC. 167+40 - 252LT

PROVINCE B.C.

DATE MAY 31, 1978

DEPTH-DRILLER 164' 154'

DEPTH-LOGGER 154'

FLUID LEVEL .75 hr. oil

LOGGING TIME 13'

DRILLED BY KEYS Drilling

RECORDED BY R. DUNBAR

WITNESSED BY R. ROUSSEAU

BIT 6" SURF TO T.D. 6" SURF 40'

BORE-HOLE RECORD

CASING RECORD

EQUIPMENT DATA

GAMMA RAY

TOOL MODEL No. L-103

DIAMETER 2 1/8" DIAMETER 2 1/8"

DEFECTOR MODEL No. CP-516 TYPE ME

LENGTH 3' SCINT 13'

GENERAL TRUCK No. 2

LOCATION Campbell

LOGGING DATA

GENERAL

API UNITS PER DIV. 5

REMARKS: PC

OHMS RESISTANCE

DENSITY

DEPTH

CALIPER

GAMMA RAY API UNITS

GAMMA RAY

RESISTANCE

DENSITY

FLUID LEVEL

CASING

129

25

50

100

127.6

128.2

131.1

132.1

138.0

139.2

DR-154'

RESISTANCE (ohms)

100

DENSITY C.P.S

18

GAMMA RAY

C.P.S.

78-131

**LEXCO TESTING LTD. GAMMA-DENSITY - RESISTANCE**

700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA

HOLE: **QU-78-131** SURVEYED DATA  
 LOCATION: **500 FT SEC 2 TP RGE W** ELEV. **1556**  
 AREA: **QUINSARM** LOC. **179+82 - 1115**  
 PROVINCE: **B.C.** **(2471)**

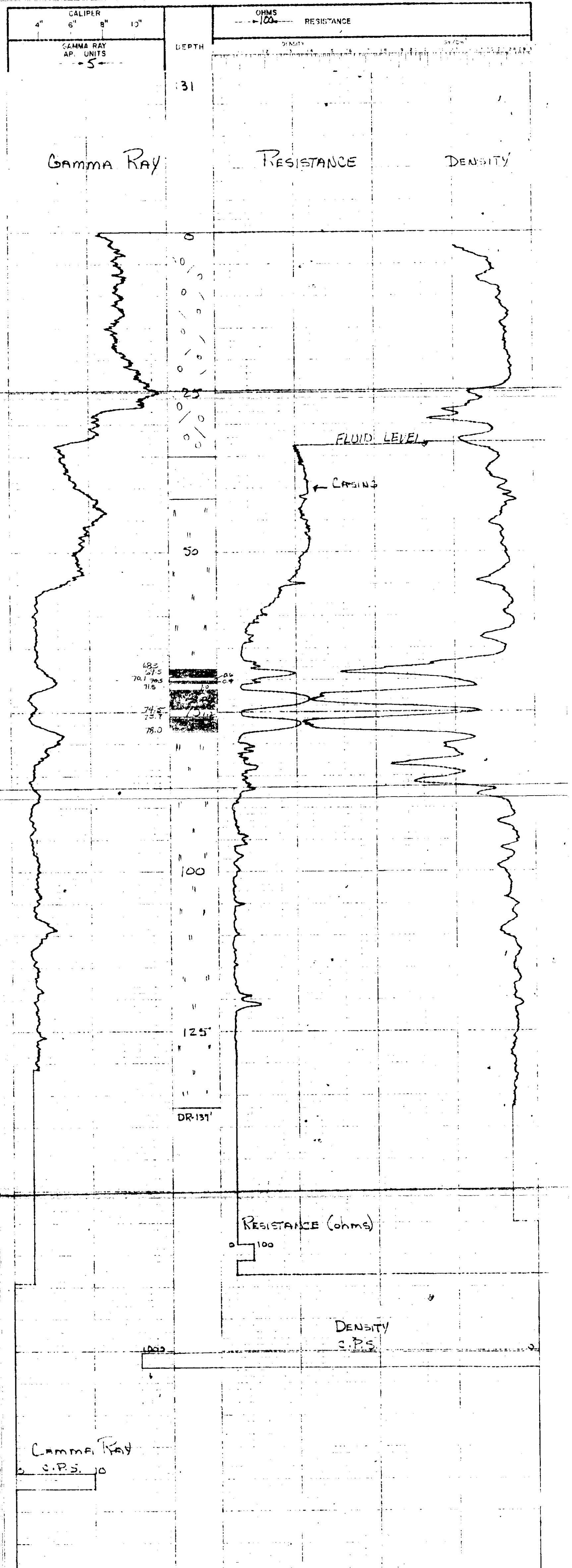
RUN No. **2**  
 DATE: **JUNE 1, 1978**  
 DEPTH-DRILLER: **140'**  
 DEPTH-LOGGER: **137'**  
 FLUID LEVEL: **33'**  
 LOGGING TIME: **5 1/2 HRS**  
 DRILLED BY: **H. VINSETT**  
 RECORDED BY: **D. DUNBAR**  
 WITNESSED BY: **P. ROY**

BORE-HOLE RECORD  
 BIT: **5 1/2" SUP 40' TO 5 1/2" SUP 40'**  
 FROM: **40' TO 5 1/2" SUP 40'**  
 TO: **1.0' TO 40'**

EQUIPMENT DATA  
 GAMMA RAY: **L-103** TOOL MODEL No. **L-103** RESISTANCE: **L-103** DENSITY: **L-103** GALIPER: **L-103**  
 DIAMETER: **2 1/8"** DIAMETER: **2 1/8"** ME: **2 1/8"**  
 DETECTOR MODEL No. **GP-516** SCINT: **SPRANG** SCINT: **SPRANG**  
 TYPE: **3"** LENGTH: **3"** HOR SCALE: **100 & 1/4 DIV.**  
 TRUCK No. **2** HOOP: **CS-137**  
 LOCATION: **CANADIAN RIVER** ISOTOPE: **CS-137**  
 STRENGTH: **125 MC**

GENERAL				GAMMA RAY				DENSITY			
RUN No.	DEPTHS FROM	SPEED TO	T.C. F/Min	T.C. SEC	SENS. SETTING	ZERO	API UNITS PER DIV	T.C. SEC	SENS. SETTING	ZERO	API UNITS PER DIV
1	137'	0	12	4	100		5	1	1K		

REMARKS: **PC**



78-132

**LEXCO TESTING LTD. GAMMA-DENSITY - RESISTANCE**

700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA

HOLE QU-78-132 SURVEYED DATA

LOGATION 1205 RT SEC TP RGE W ELEV. 1048

AREA Quinsam LOC. 12740-11700

PROVINCE B.C.

DATE June 6, 1978

DEPTH-DRILLER 204'

DEPTH-LOGGER 193'

FLUID LEVEL 11'

LOGGING TIME 7.5 hr

DRILLED BY KENS DRILLING

RECORDED BY D. DUNBAR

WITNESSED BY R. Boushah

BORE-HOLE RECORD

BIT FROM TO SIZE FROM TO

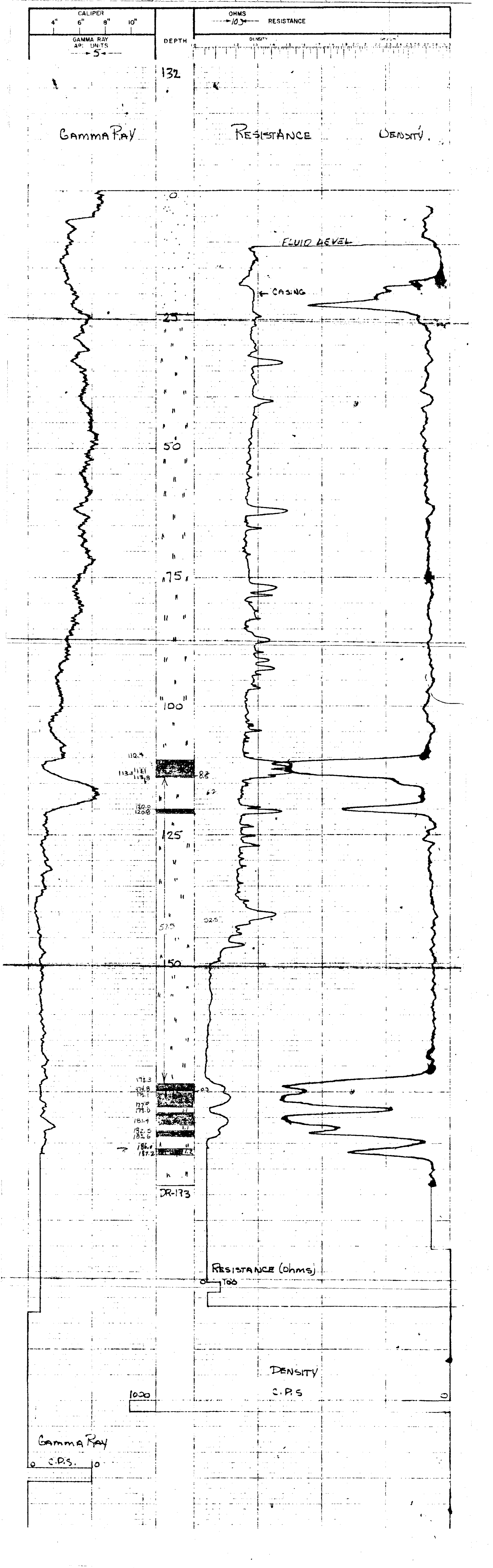
6" SURF T.P. 6" SURF 20'

EQUIPMENT DATA

GAMMA RAY TOOL MODEL NO. L-103 RESISTANCE L-103 DENSITY L-103 CALIPER

DIAMETER 2 1/8" TYPE ME 2 1/8" DETECTOR MODEL NO. GP-516 SCINT SPACING 13" LENGTH 3" HOR SCALE 100% ISOTOPE SOURCE MODEL CS-137 ISOTOPE STRENGTH 125 mCi

TRUCK No. 2 LOCATION Campbell River LOGGING DATA



GENERAL	GAMMA RAY	RESISTANCE	DENSITY
RUN NO.	DEPTHS	T.C. SENS. ZERO	T.C. SENS. ZERO
1	FROM TO	API UNITS PER DIV	SEC. SETTINGS
193	0 12	5	1K

GENERAL	GAMMA RAY	RESISTANCE	DENSITY
SPEED	T.C. SENS. ZERO	API UNITS PER DIV	T.C. SENS. ZERO
FL. MIN. SEC. SETTINGS	ISOTOPE STRENGTH	ISOTOPE STRENGTH	ISOTOPE STRENGTH
4	100	125 mCi	125 mCi

REMARKS

PC



78-133

**LEXCO TESTING LTD. GAMMA-DENSITY - RESISTANCE**

700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA.

HOLE → QJ-78-133  
 LOCATION 180+03 LOC. 180+03-133B  
 SURVEYED DATA  
 ELEV. 1011  
 AREA QUINSODON B.C. 271  
 PROVINCE B.C. 271

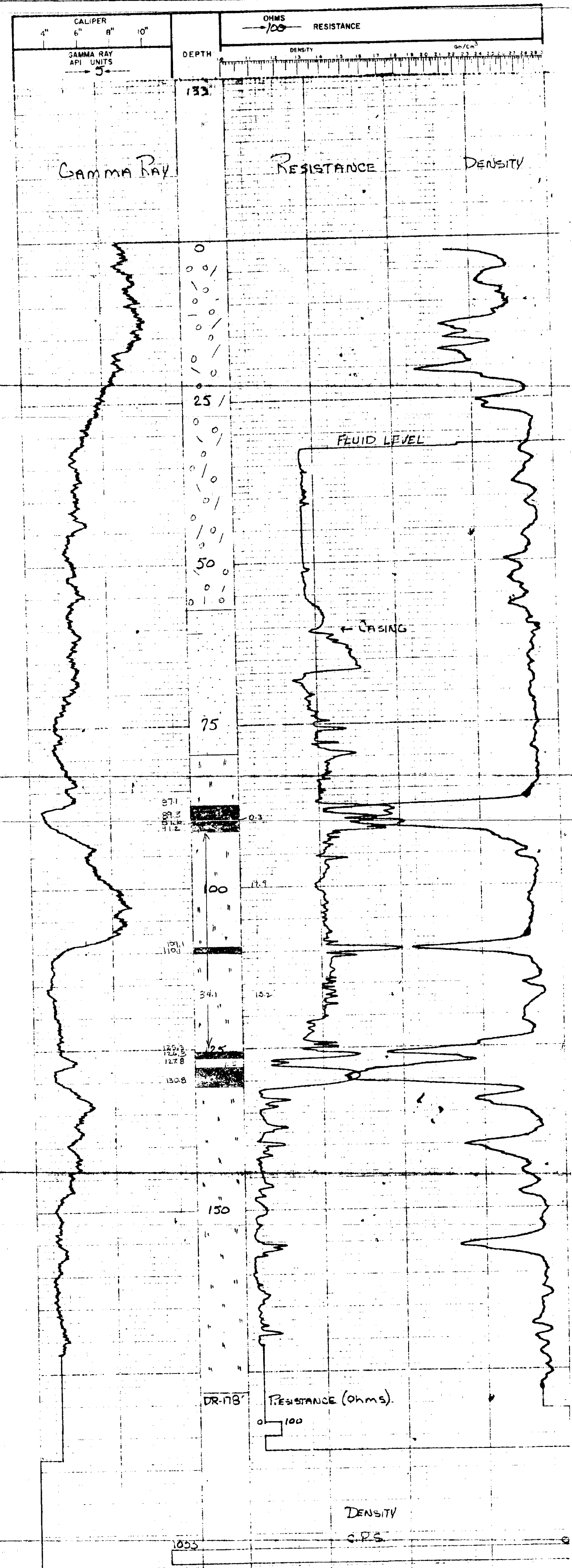
DATE June 1, 1978  
 DEPTH - DRILLER 180'  
 DEPTH - LOGGER 178'  
 FLUID LEVEL 118'  
 LOGGING TIME 175 hr  
 DRILLED BY H. WILSON  
 RECORDED BY D. KUNSBAG  
 WITNESSED BY K. Rowlandson

BIT 5 1/4" FROM 60' TO 60'  
 4 1/4" FROM 60' TO 60'

EQUIPMENT DATA		RESISTANCE		DENSITY		CALIPER	
TOOL MODEL No.	L-103	TOOL MODEL No.	L-103	L-103	L-103		
DIAMETER	2 1/8"	DIAMETER	2 1/8"	2 1/8"	2 1/8"		
DETECTOR MODEL No.	GP-516	TYPE	ME	F	F		
TYPE	SCINT	SPACING	1"	1"	1"		
LENGTH	3'	LENGTH	3'	3'	3'		
GENERAL		HOR SCALE	100-500	HOV	HOV		
TRUCK No.	2	SOURCE MODEL	CS-137	CS-137	CS-137		
LOCATION	QUINSODON RIVER	ISOTOPE	125 m.c.	125 m.c.	125 m.c.		

GENERAL				GAMMA RAY				DENSITY					
DEPTHS	SPEED	T.C.	SENS	ZERO	API UNITS	T.C.	SENS	ZERO	API UNITS	T.C.	SENS	ZERO	API UNITS
FROM	TO	FV/m	SEC	SETTING	PER DIV.	SEC	SETTING			SEC	SETTING		
1	178	0	12	4	100	5	1	100	1	1	100	1	1

REMARKS:  
 PC



DR-178  
 Resistance (ohms)  
 Density  
 G.P.S.  
 Gamma Ray  
 G.P.S.



28-135

**LEXCO TESTING LTD. GAMMA-DENSITY - RESISTANCE**

700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA.

HOLE QU-78-135 SURVEYED DATA

LOCATION 180400 RT SEC TP RGE W ELEV. 1933

AREA QUINSAM 1471 LOC. 180400 - 1933 E

PROVINCE B.C.

DATE June 7 1978

DEPTH-DRILLER 220'

DEPTH-LOGGER 217'

FLUID LEVEL 175 hr total

LOGGING TIME

DRALED BY H. J. JACOBSON

RECORDED BY R. DUNBAR

WITNESSED BY R. ROBERTSON

BORE-HOLE RECORD

BIT FROM TO SIZE FROM TO

5 1/2" 50' 5 1/2" Surf 60'

4 1/2" 60' T.D.

EQUIPMENT DATA

GAMMA RAY TOOL MODEL NO. L-103 TOOL MODEL NO. L-103 RESISTANCE DENSITY CALIBER

DIAMETER 2 1/8" DIAMETER 2 1/8" ME F

DETECTOR MODEL NO. CP-516 TYPE SCINT ME F

LENGTH 3" LENGTH 1" 13'

GENERAL TRUCK No. 2 HOOR SCALE 100 R. 14 V. HOVP

LOCATION CANNASKILL ISOTOPE CS-137

RIVER STRENGTH 123 m.c.

GENERAL LOGGING DATA

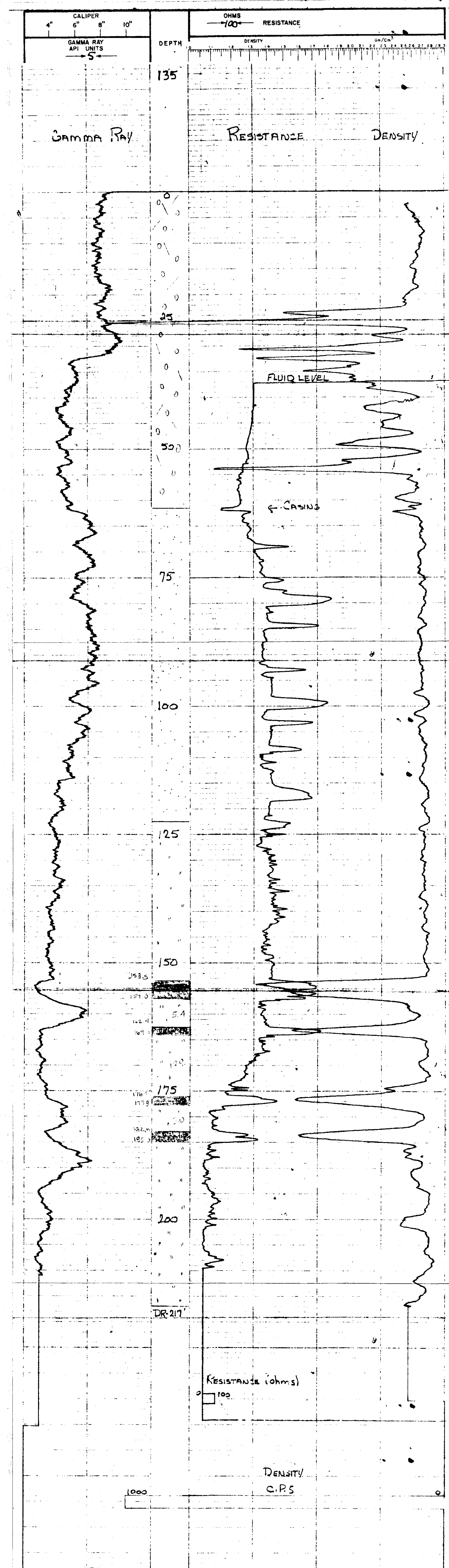
GENERAL SPEED T.C. SENS ZERO API UNITS T.C. SENS DENSITY

NO. DEPTHS FROM TO F/Min SEC. SETTING PER DIV. I.K.

1 217' 0 1/2 4 100 5 1 1 K

REMARKS: \* Hole very washed out

PC



RESISTANCE (ohms)

DENSITY g/cm³

GAMMA RAY API UNITS

DR-217

GAMMA RAY CAS



M 78-136

**LEXCO TESTING LTD. GAMMA-DENSITY - RESISTANCE**

700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA

HOLE NO. 177-50-110 SURVEYED DATA

LOCATION 2550 RT SEC TP RGE W ELEV. 1231

AREA QUINSEPS (71) LOC. 177-50-110

PROVINCE B.C.

DATE JUNE 9, 1978

DEPTH - DRILLER 440

DEPTH - LOGGER 438

FLUID LEVEL 31

LOGGING TIME 1:15

DRILLED BY H. VINNETT

RECORDED BY P. DUNBAR

WITNESSED BY P. RANDESHAN

BORE-HOLE RECORD

BIT 5 1/2" SURF FROM 62' TO 62' SIZE 5 1/2" SURF CASING RECORD TO 62'

EQUIPMENT DATA

GAMMA RAY TOOL MODEL NO. L-103 TOOL MODEL NO. L-103 RESISTANCE DENSITY CALIPER

DIAMETER 2 1/8" DIAMETER 2 1/8"

DETECTOR MODEL NO. CP-516 TYPE ME

LENGTH 3" SPACING 13"

TRUCK NO. 2 HOPE SOURCE MODEL 1000/111

LOCATION CAMPBELL RIVER ISOPIRE CS-137 STORE STRENGTH 125 MC

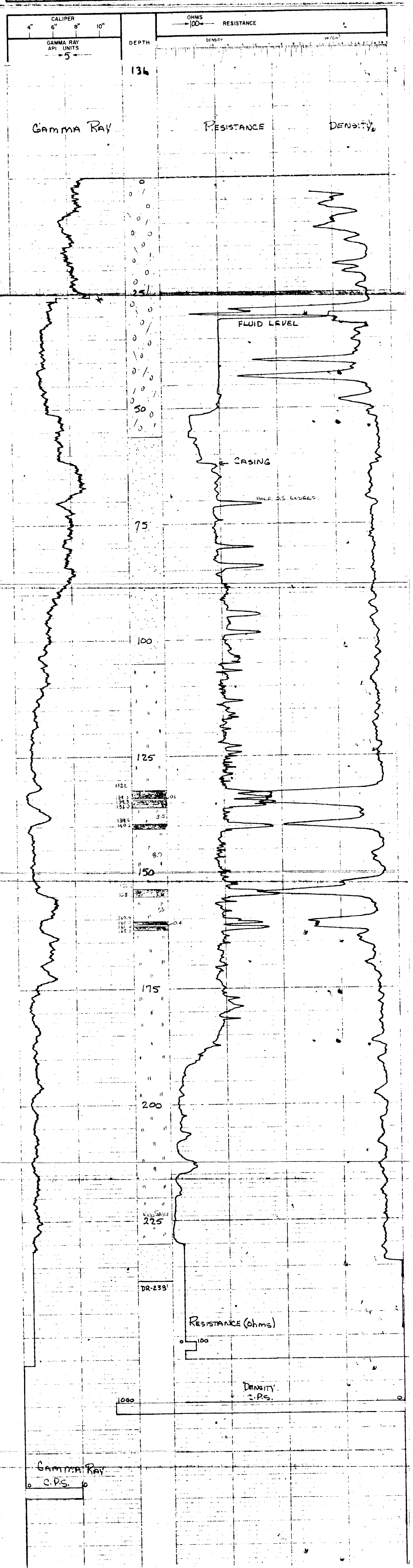
GENERAL LOGGING DATA

GENERAL SPEED T.C. SENS. ZERO API UNITS T.C. SENS. DENSITY

DEPTHS FROM TO F/MIN SEC. SETTING PER DN SEC. SETTINGS

NO. 238 0 12 4 100 5 1 1K

REMARKS \* Stuck in hole at 32'



PC

78-137(c)

**LEXCO TESTING LTD. GAMMA-DENSITY - RESISTANCE**

700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA.

HOLE QU-78-137 (C)  
 LOCATION 177+30 RT SEC TP. RGE. W. SURVEYED DATA  
 ELEV. 1053  
 AREA Quinsbae BC 26 71 LOC. J174C - J174D  
 PROVINCE

RUN No. 2  
 DATE JUN 29, 1978  
 DEPTH - DRILLER 112'  
 DEPTH - LOGGER 208'  
 FLUID LEVEL 20.5'  
 LOGGING TIME 1.5 hrs  
 DRILLED BY R. SEAT  
 RECORDED BY P. KAWANISHI  
 WITNESSED BY

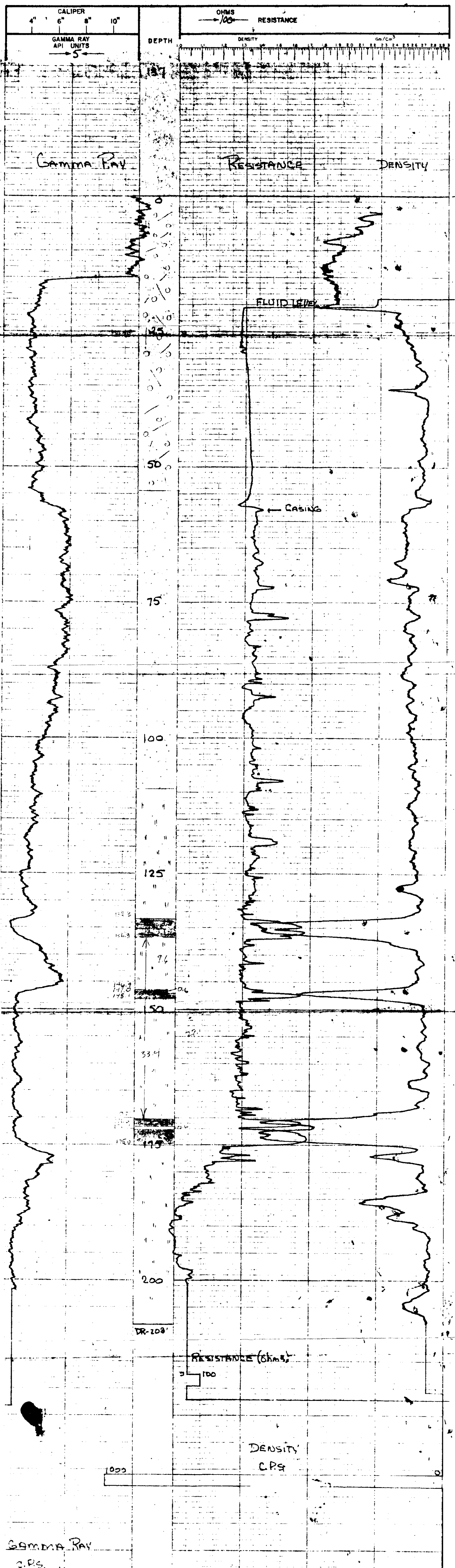
BIT 6" FROM TO SIZE FROM TO  
 5 3/8" 5 3/8" 7 D. 6" SUIT 5 3/8"  
 BONE-HOLE RECORD TO CASING RECORD

EQUIPMENT DATA  
 GAMMA RAY TOOL MODEL No. L-103 RESISTANCE TOOL MODEL No. L-103 DENSITY TOOL MODEL No. L-103 CALIPER TOOL MODEL No. L-103  
 DIAMETER MODEL No. 2 1/8" DIAMETER 2 1/8" TYPE 2 1/8"  
 DETECTOR MODEL No. CS-518 SCINT 15 SPACING 15"  
 TYPE SCINT 3  
 LENGTH 3' HOR SCALE 100 R./IN. HOVP  
 SOURCE MODEL CS-137 ISOTOPE CS-137  
 TRUCK No. 2  
 LOCATION CAMPBELL RIVER LOGGING DATA

GENERAL		SPEED		T.C.		SENS		ZERO		API UNITS		T.C.		SENS		DENSITY	
RUN No.	DEPTH	FROM	TO	F/Min	SEC	SEC	SETTING	PER DIV.	SEC	SETTING	SEC	SETTING	SEC	SETTING	SEC	SETTING	ZERO
1	208'	0	12	4	100	5											K

REMARKS:

PC



71-140

**LEXCO TESTING LTD. GAMMA-DENSITY - RESISTANCE**

700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA

HOLE QJ-78-140 SURVEYED DATA

LOCATION BREDAKE SEC TP RGE W ELEV. 1273

AREA QUINSARD LOC. 17-141-232

PROVINCE BC **(2771)**

DATE JUNE 10, 1978

DEPTH-DRILLER 160'

DEPTH-LOGGER 158'

FLUID LEVEL 14'

LOGGING TIME 5 hr. total

DRILLED BY H. YAKAIT

RECORDED BY D. DUNBAR

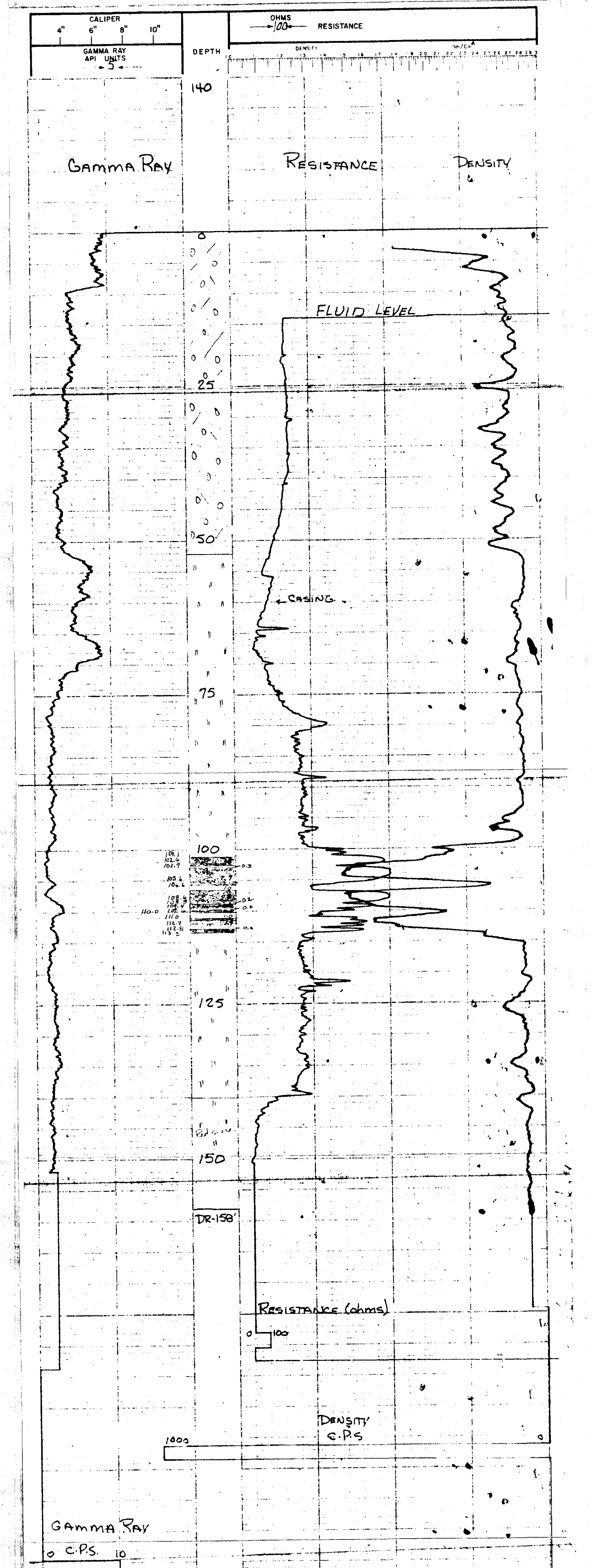
WITNESSED BY R. SONGSHAN

BORE-HOLE RECORD

BIT 5 1/4" Surf TO 160' SIZE 5 1/2" FROM Surf TO 160'

4 1/2" bo. TO T.D. SIZE 5 1/2" FROM Surf TO 160'

GENERAL				GAMMA RAY				DENSITY			
RUN No.	DEPTHS FROM	SPEED	T.C.	SENS.	ZERO	API UNITS PER DIV.	T.C.	SENS.	ZERO	SEC. SETTINGS	ZERO
1	158'	0	12	4	100	5	1	1	1	1K	



GAMMA RAY  
0 C.P.S. 10

CALIPER	4"	6"	8"	10"
GAMMA RAY API UNITS				

TOOL MODEL No.	L-103	TOOL MODEL No.	L-103	DENSITY	L-103	CALIPER
DIAMETER	2 1/8"	DIAMETER	2 1/8"	DIAMETER	2 1/8"	
DETECTOR MODEL No.	CP-516	TYPE	ME	TYPE	ME	
SCINT	3"	SPACING	13"	SCINT	3"	

TRUCK No.	2	HOV SCALE	100	HOV	125
LOCATION	Chippewall RIVER	SOURCE MODEL	CS-137	ISOTOPE	CS-137
		STRENGTH	125 m.c.		

RESISTANCE	DENSITY
OHMS	g/cm³



78-141(c)

**LEXCO TESTING LTD. GAMMA-DENSITY - RESISTANCE**

700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA

HOLE QU-18-141(C) SURVEYED, DATA

LOCATION 110+00 T.P. RGE W. ELEV. 1027

AREA QUINSAID LOC. 143+95-198&R

PROVINCE B.C. (28) 71

DATE JUNE 10, 1978

DEPTH - DRILLER 190'

DEPTH - LOGGER 187'

FLUID LEVEL 17' 17.75 h. 1861

LOGGING TIME 17' 17.75 h. 1861

DRILLED BY R. SALT

RECORDED BY D. DUNBAR

WITNESSED BY R. KENNEDY

BIT 6" Surf TO 60' CASING RECORD TO 60'

BORE-HOLE RECORD FROM 60' TO 60'

EQUIPMENT DATA

GAMMA RAY L-103 TOOL MODEL No. L-103 RESISTANCE DENSITY CALIPER

DIAMETER 2 1/8" CP-516 TYPE ME F

DETECTOR MODEL No. SCINT SPACING 15"

LENGTH 3' HOH SCALE 100 S.I./ft.

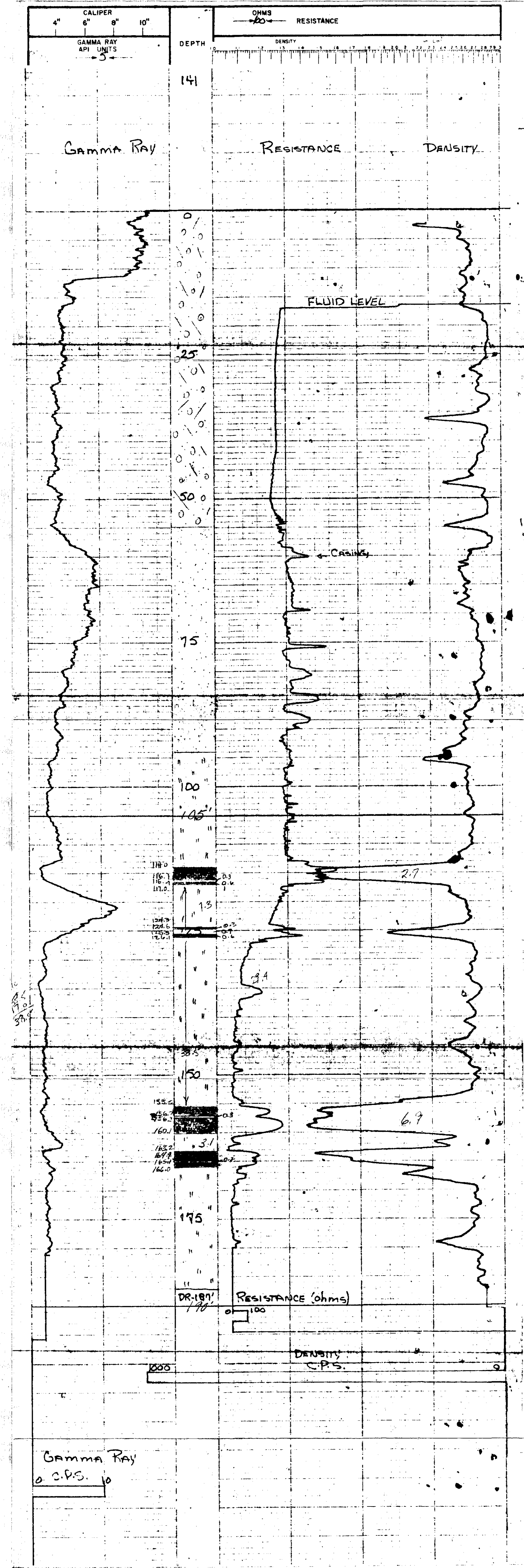
TRUCK No. 2 SOURCE MODEL CS-137

LOCATION CAMPBELL ISOTOPE CS-137

LOGGING DATA

GENERAL		GAMMA RAY		DENSITY	
RUN No.	DEPTHS	SPEED	T.C. SENS.	ZERO	T.C. SENS.
1	187'	0	12	4	100
	FROM	TO	FVMM	SEC	PER DIV
	0	12	4	100	5
					1
					1

REMARKS: **PC**



78-142

**LEXCO TESTING LTD. GAMMA-DENSITY - RESISTANCE**

700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA

HOLE QU-78-142 SURVEYED DATA

LOCATION 161+50 SEC 11 TIP W ELEV. 1737

AREA QUINSMAN LOC. 167+93 - 213

PROVINCE BC **(1971)**

RUN No. 2

DATE JUNE 10, 1978

DEPTH - DRILLER 1720 218

DEPTH - LOGGER 1720 218

FLUID LEVEL 151

LOGGING TIME 10:10

DRILLED BY H. VINSLI

RECORDED BY P. DUNBAR

WITNESSED BY P. RANKIN

BORE-HOLE RECORD

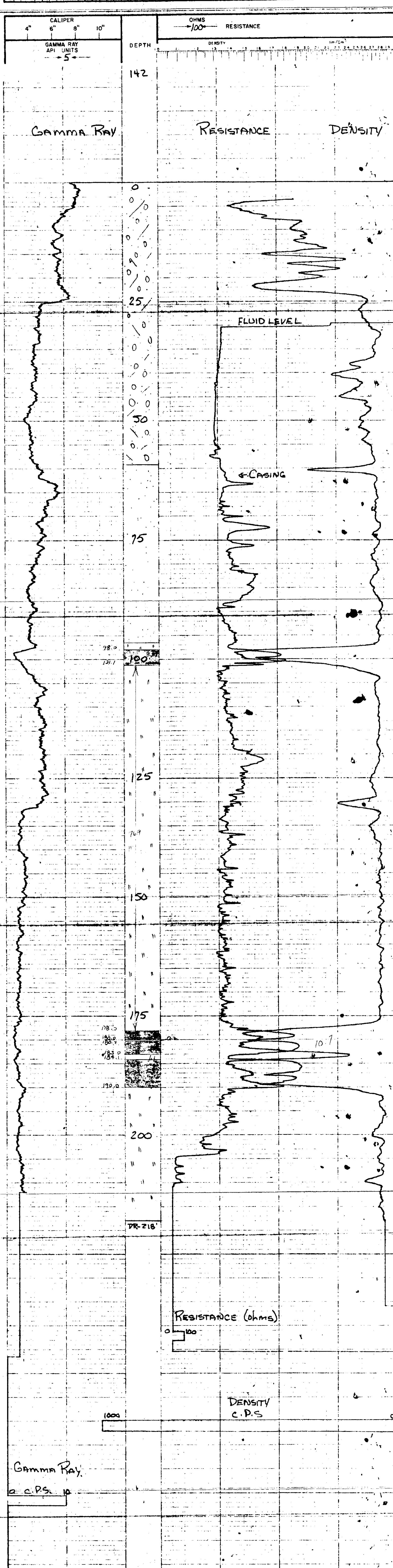
BIT 5/8" FROM 60' TO 60' CASING RECORD

BIT 1/2" FROM 60' TO 60'

EQUIPMENT DATA

GAMMA RAY	L-103	TOOL MODEL No.	L-103	RESISTANCE	DENSITY	CALIPER
DIAMETER	2 1/8"	DIAMETER	2 1/8"			
DETECTOR MODEL No.	GP-516	TYPE	ME			
TYPE	SCINT.	SPACING				
LENGTH	3"	LENGTH	13"			
TRUCK No.	2	HOB SCALE	100 SLID			
LOCATION	Campbell	SOURCE MODEL	CS-137			
	RIVER	ISOTOPE	CS-137			
		STRENGTH	125 m.c.			

REMARKS



Gamma Ray  
C.P.S.

PC





78-144

M

# LEXCO TESTING LTD. GAMMA-DENSITY - RESISTANCE

700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA

HOLE QU-78-144 SURVEYED DATA

LOCATION 62+50 750 LT SEC 1P RGE W ELEV. 1090.0

AREA QUINSAM LOC. 62+46 78-144

PROVINCE B.C. (11171)

DATE June 12, 1978

DEPTH-DRILLER 240

DEPTH-LOGGER 240

FLUID LEVEL 37.5

LOGGING TIME 7.5 hr. total

DRILLED BY R. SARK

RECORDED BY R. DUNBAR

WITNESSED BY R. KANGS

EQUIPMENT CAT. Surf

BIT 8 1/2" FROM 24 TO 24

GAMMA RAY Surf I.D.

TOOL MODEL No. L-103 TOOL MODEL No. L-103

DIAMETER TYPE 2 1/8" DIAMETER 2 1/8"

DETECTOR MODEL No. CP-516 TYPE SCINT

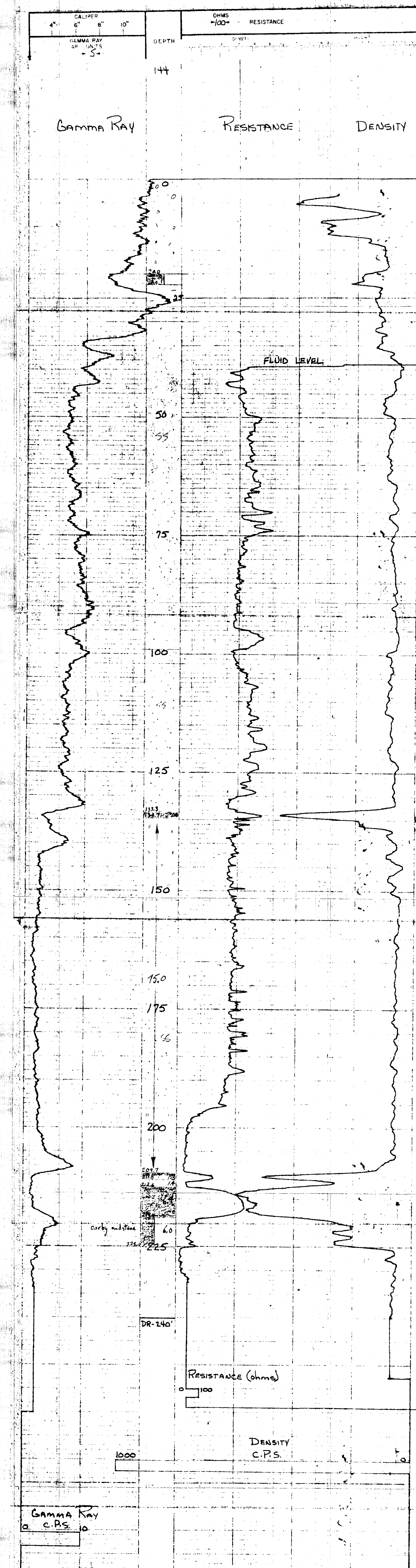
GENERAL LOGGING DATA

TRUCK No. 2 HOH SCALE 1005211V HOV# CS-137

LOCATION Campbell River ISOTOPE 25 m.c.

GENERAL	SPEEDS	T.C.	SENS.	TE-40	APL	UNITS	STAS.	STAS.	STAS.
Run	From	To	From	Sec	Settings	Div	1	2	3
1	240	0	12	4	100	5	1	1	1

REMARKS PC







28-144

**LEXCO TESTING LTD. GAMMA DENSITY - RESISTANCE**

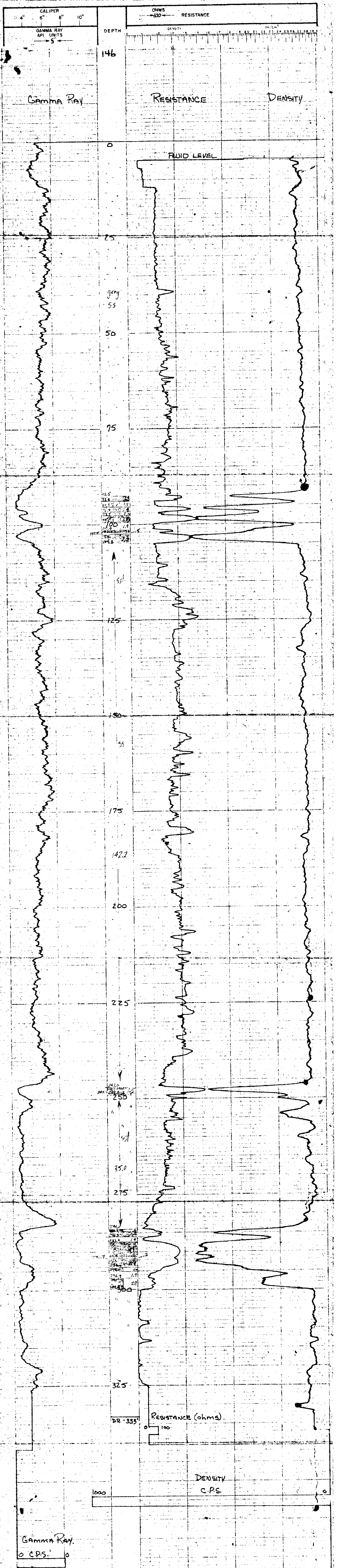
700 ROYAL TRUST TOWER, EDMONTON, CENTRE, EDMONTON, ALBERTA

HOLE QU-78-146 SURVEYED DATA  
 LOCATION 53100 SEC. TP RGE. W ELEV. 1166  
 AREA QUINSAM LOC. 53-146-14  
 PROVINCE B.C.

RUN No. \_\_\_\_\_ DATE JUNE 13, 1978  
 DEPTH-DRILLER 3401  
 DEPTH-LOGGER 3331  
 FLUID LEVEL \_\_\_\_\_ LOGGING TIME 1 hr. Total  
 DRILLED BY H. WACCI RECORDED BY D. DUNBAR  
 WITNESSED BY R. FONGERS  
 BIT 6" FROM SURF TO \_\_\_\_\_ CASING RECORD TO \_\_\_\_\_  
 EQUIPMENT DATA: BIT 6" FROM SURF TO \_\_\_\_\_ CASING RECORD TO \_\_\_\_\_

GENERAL	GAMMA RAY	RESISTANCE	DENSITY	CALIPER
TOOL MODEL No. <u>L-103</u>	TOOL MODEL No. <u>L-103</u>	RESISTANCE <u>1-103</u>	DENSITY <u>L-103</u>	CALIPER _____
DIAMETER <u>2 1/8"</u>	DIAMETER <u>2 1/8"</u>	DIAMETER <u>2 1/8"</u>	DIAMETER <u>2 1/8"</u>	CALIPER _____
DETECTOR MODEL No. <u>Q-316</u>	DETECTOR MODEL No. <u>Q-316</u>	DETECTOR MODEL No. <u>Q-316</u>	DETECTOR MODEL No. <u>Q-316</u>	CALIPER _____
TYPE <u>SCINT</u>	TYPE <u>SCINT</u>	TYPE <u>SCINT</u>	TYPE <u>SCINT</u>	CALIPER _____
LENGTH <u>3'</u>	LENGTH <u>3'</u>	LENGTH <u>3'</u>	LENGTH <u>3'</u>	CALIPER _____
GENERAL <u>2</u>	GENERAL <u>2</u>	GENERAL <u>2</u>	GENERAL <u>2</u>	CALIPER _____
TRUCK No. <u>Campbell</u>	TRUCK No. <u>Campbell</u>	TRUCK No. <u>Campbell</u>	TRUCK No. <u>Campbell</u>	CALIPER _____
LOCATION <u>RIVER</u>	LOCATION <u>RIVER</u>	LOCATION <u>RIVER</u>	LOCATION <u>RIVER</u>	CALIPER _____
LOGGING DATA	LOGGING DATA	LOGGING DATA	LOGGING DATA	CALIPER _____
GENERAL	GENERAL	GENERAL	GENERAL	CALIPER _____
NO. <u>1</u>	NO. <u>1</u>	NO. <u>1</u>	NO. <u>1</u>	CALIPER _____
FROM <u>0</u>	FROM <u>0</u>	FROM <u>0</u>	FROM <u>0</u>	CALIPER _____
TO <u>2</u>	TO <u>2</u>	TO <u>2</u>	TO <u>2</u>	CALIPER _____
SPEED <u>4</u>	SPEED <u>4</u>	SPEED <u>4</u>	SPEED <u>4</u>	CALIPER _____
SEC. SETTINGS <u>100</u>	SEC. SETTINGS <u>100</u>	SEC. SETTINGS <u>100</u>	SEC. SETTINGS <u>100</u>	CALIPER _____
API UNITS <u>5</u>	API UNITS <u>5</u>	API UNITS <u>5</u>	API UNITS <u>5</u>	CALIPER _____
PER DIV. <u>1</u>	PER DIV. <u>1</u>	PER DIV. <u>1</u>	PER DIV. <u>1</u>	CALIPER _____
DENSITY <u>1/K</u>	DENSITY <u>1/K</u>	DENSITY <u>1/K</u>	DENSITY <u>1/K</u>	CALIPER _____
ZERO	ZERO	ZERO	ZERO	CALIPER _____

PC





78-147

LEXCO TESTING LTD. GAMMA-DENSITY - RESISTANCE

700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA.

HOLE QU-78-147 SURVEYED DATA

LOCATION 140+00 250 Lt SEC TP RGE W ELEV. 1045

AREA QUINSAM B.C. L1471 LOC. 140+1b - 236 Lt

PROVINCE B.C. DATE JUNE 13, 1978

RUN No 2

DEPTH-DRILLER 180' FULL

DEPTH-LOGGER 172' KANS DRILLING

FLUID LEVEL 5hr. total

LOGGING TIME D. QUINSAM

DRILLED BY P. ROUSSEAU

RECORDED BY

WITNESSED BY

BORE-HOLE RECORD

BIT FROM TO

SIZE FROM TO

RESISTANCE DENSITY CALIPER

TOOL MODEL No. L-103

DIAMETER 2 1/8"

DETECTOR MODEL No. CR-516

TYPE SCINT

LENGTH 3'

TRUCK No. 2

LOCATION GAMMABELL KIVER

LOGGING DATA

GENERAL

DEPTH FROM TO

SPEED F/Min

T.C. SEC. 12

SENS. ZERO 4

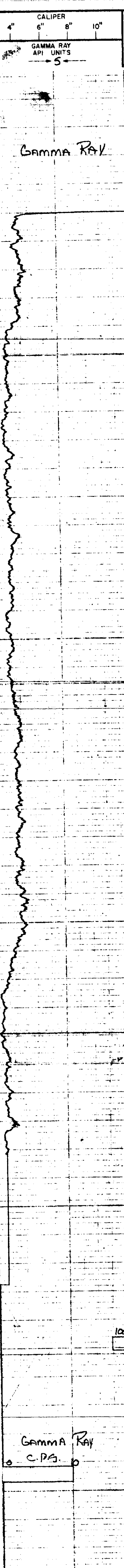
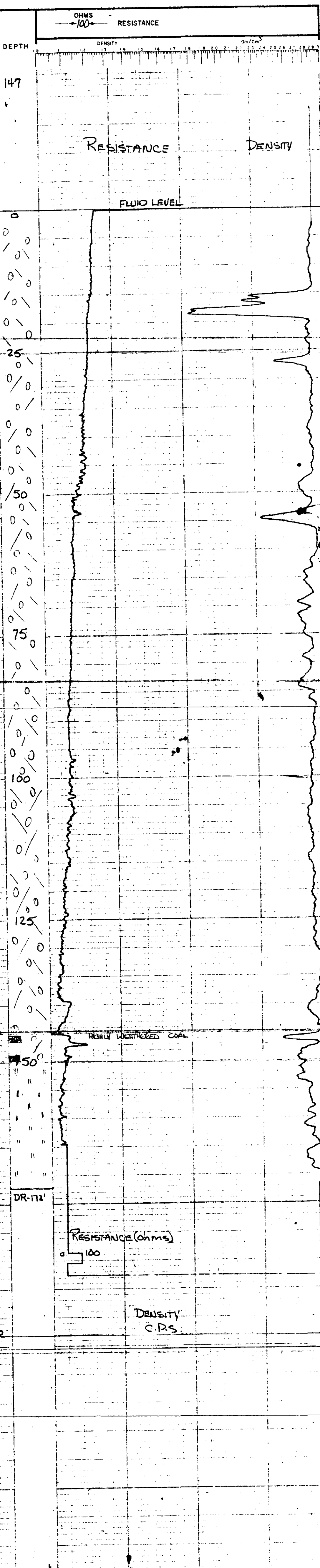
API UNITS PER DIV 5

T.C. SEC. SETTINGS 1

SENS. ZERO 1K

REMARKS

PC



OHMS RESISTANCE

DENSITY Gm/Cm<sup>3</sup>

DEPTH

GAMMA RAY

RESISTANCE

DENSITY

FLUID LEVEL

HEAVILY WEATHERED COAL

DR-172'

RESISTANCE (Ohms)

DENSITY C.P.S.

CALIPER

GAMMA RAY API UNITS

Gamma Ray C.P.S.

M  
78-148(C)

**LEXCO TESTING LTD. GAMMA-DENSITY - RESISTANCE**

700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA.

HOLE **QU-78-148(C)** SURVEYED DATA

LOCATION **62+50 1.50 LT SEC TP RGE W** ELEV. **1002**

AREA **QUINSAM** LOC **6234 29/14**

PROVINCE **B.C. (LIS)**

DATE **JUNE 11, 1978**

DEPTH-DRILLER **302**

DEPTH-LOGGER **295**

FLUID LEVEL **1 hr. Total**

LOGGING TIME **B. SELL**

DRILLED BY **B. SELL**

RECORDED BY **P. DUNBAR**

WITNESSED BY **P. DUNBAR**

BIT **6" FROM 500' TO 160'** CASING RECORD **6" 500' 24'**

BORE-HOLE RECORD **6" 500' 24'**

EQUIPMENT DATA

TOOL MODEL No. **L-103** TOOL MODEL No. **L-103** RESISTANCE DENSITY CALIPER

DIAMETER **2 1/8"** DIAMETER **2 1/8"** PER **1/8"**

DETECTOR MODEL No. **GP-515** TYPE **NE**

TYPE **SCINT** SPACING **13"**

LENGTH **3** HOR SCALE **10052**

TRUCK No. **2** SOURCE MODEL **HOVP**

LOCATION **Maple Hill** ISOTOPE **CS-137**

LOGGING DATA

GENERAL SPEED T.C. SENS. ZERO API UNITS T.C. SENS. ZERO

DEPTHS FROM TO FV/MH SEC SETTINGS PER DIV. SEC SETTINGS

1 293 0 12 4 120 5 1 JK

REMARKS

**PC**



Gamma Ray

78-149.

**LEXCO TESTING LTD. GAMMA-DENSITY - RESISTANCE**

700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, A. C. R.T.A.

HOLE **QU-78-149** SURVEYED DATA

LOCATION **5500 1750 LT. SEC TP RGE W** ELEV.

AREA **QUINSAM** LOC.

PROVINCE **BC**

DATE **JUNE 14, 1978**

DEPTH-DRILLER **180**

DEPTH-LOGGER **179**

LOGGING TIME **5 hr. total**

DRILLED BY **H. VINCEIT**

RECORDED BY **R. BOUGHAR**

WITNESSED BY **R. BOUGHAR**

BORE-HOLE RECORD

BIT **6"** T.D. **6"** SURF **24**

EQUIPMENT DATA

GAMMA RAY TOOL MODEL NO. **L-103** RESISTANCE TOOL MODEL NO. **L-103** DENSITY TOOL MODEL NO. **L-103** CALIPER

DIAMETER **2 1/8"** TYPE **2 1/8"** DIAMETER **2 1/8"**

DETECTOR MODEL NO. **SC-515** SCANT **5** ME **2 1/8"**

TYPE **SCANT** SPACING **3"**

LENGTH **2'** HOH SCALE **100 S/DIV.**

TRUCK No. **2 Campbell** SOURCE MODEL **100 S/DIV.** HOVP **05-137**

LOCATION **CAMPBELL RIVER** STRENGTH **125 m.c.**

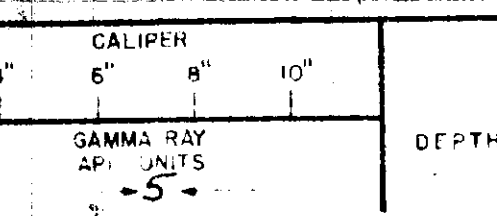
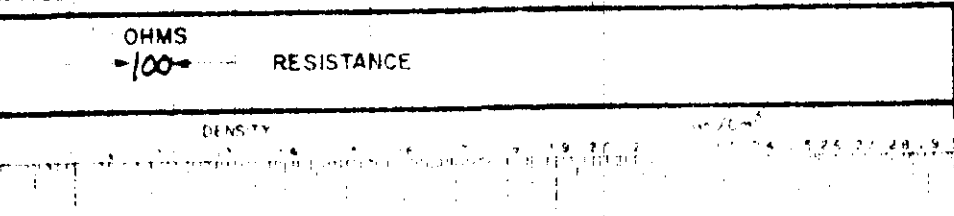
GENERAL LOGGING DATA

GENERAL DEPTHS FROM TO SPECIFIC DEPTHS T.C. SETTING ZEROS API UNITS PER DIV. T.C. SETTING ZEROS

1 179 0 12 4 100 5 1 1K

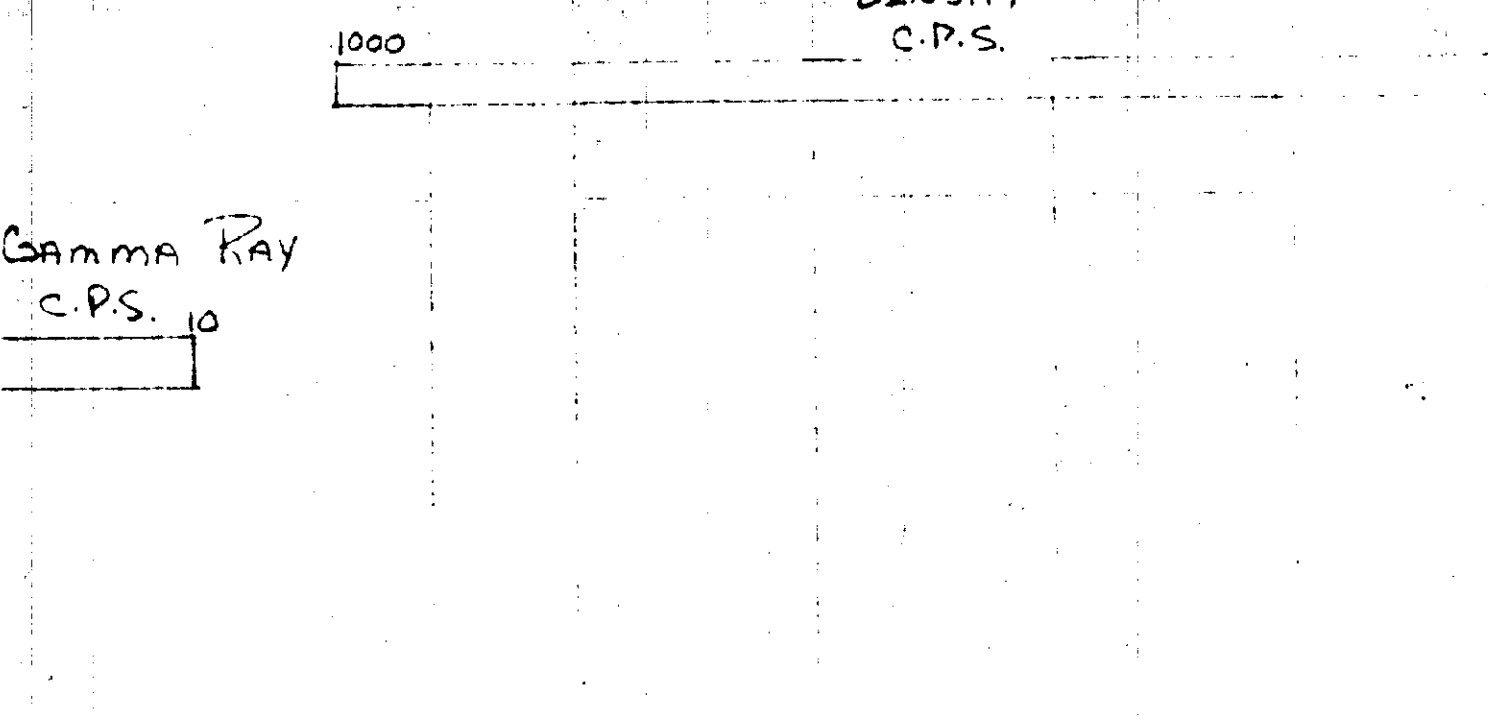
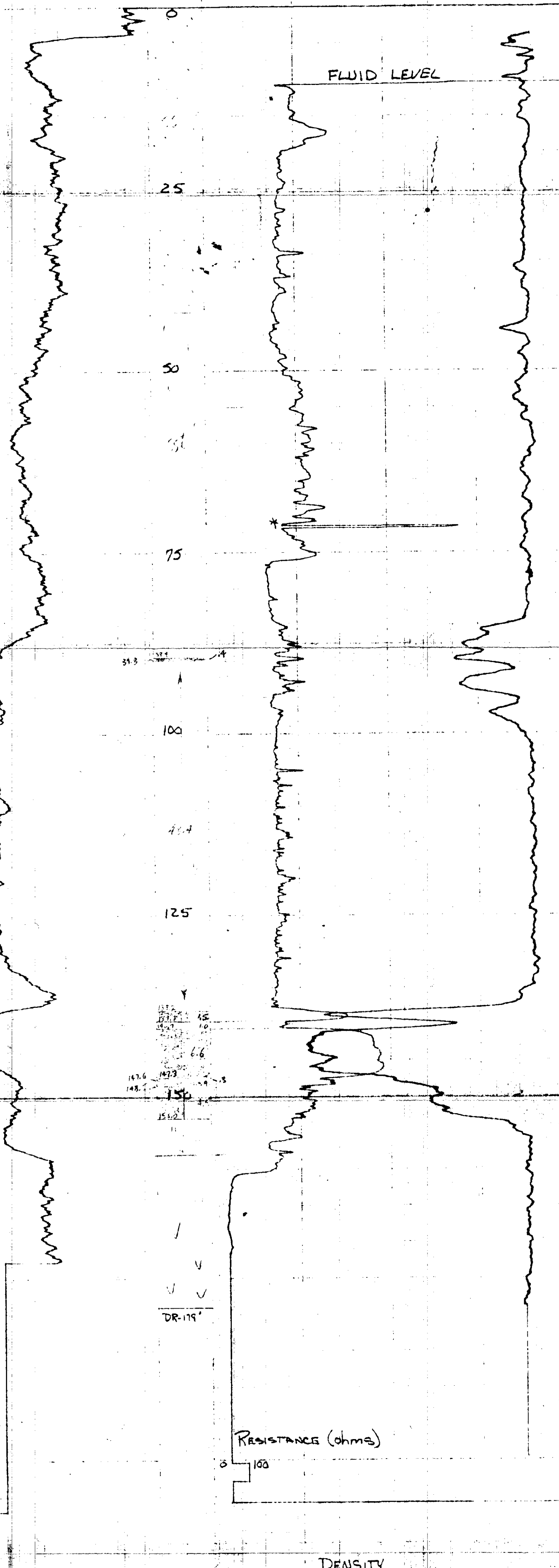
REMARKS **\* Hole blind at 72' filled and continued log.**

**PC**



GAMMA RAY API UNITS **5**

GAMMA RAY RESISTANCE DENSITY



Gamma Ray C.P.S. DR-119'



78-150

**LEXCO TESTING LTD. GAMMA-DENSITY - RESISTANCE**

700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA.

HOLE: **QU-78-150**  
 LOCATION: **41+50 1750 W SEC 17 RGE W**  
 AREA: **QUINSAY (177-1) 13C**  
 PROVINCE: **13C**  
 ELEV: **1080**  
 LOC: **41+49 1772 H.**

DATE: **JUNE 15, 1978**  
 DEPTH-DRILLER: **140'**  
 DEPTH-LOGGER: **140'**  
 FLUID LEVEL: **140'**  
 LOGGING TIME: **5 hr total**  
 DRILLED BY: **H. WILBERT**  
 RECORDED BY: **D. DUNBAR**  
 WITNESSED BY: **S. SANDNER**

BIT: **6" SURF ID**  
 BORE-HOLE RECORD: **16**  
 CASING RECORD: **2" SURF 12'**

EQUIPMENT TABLE

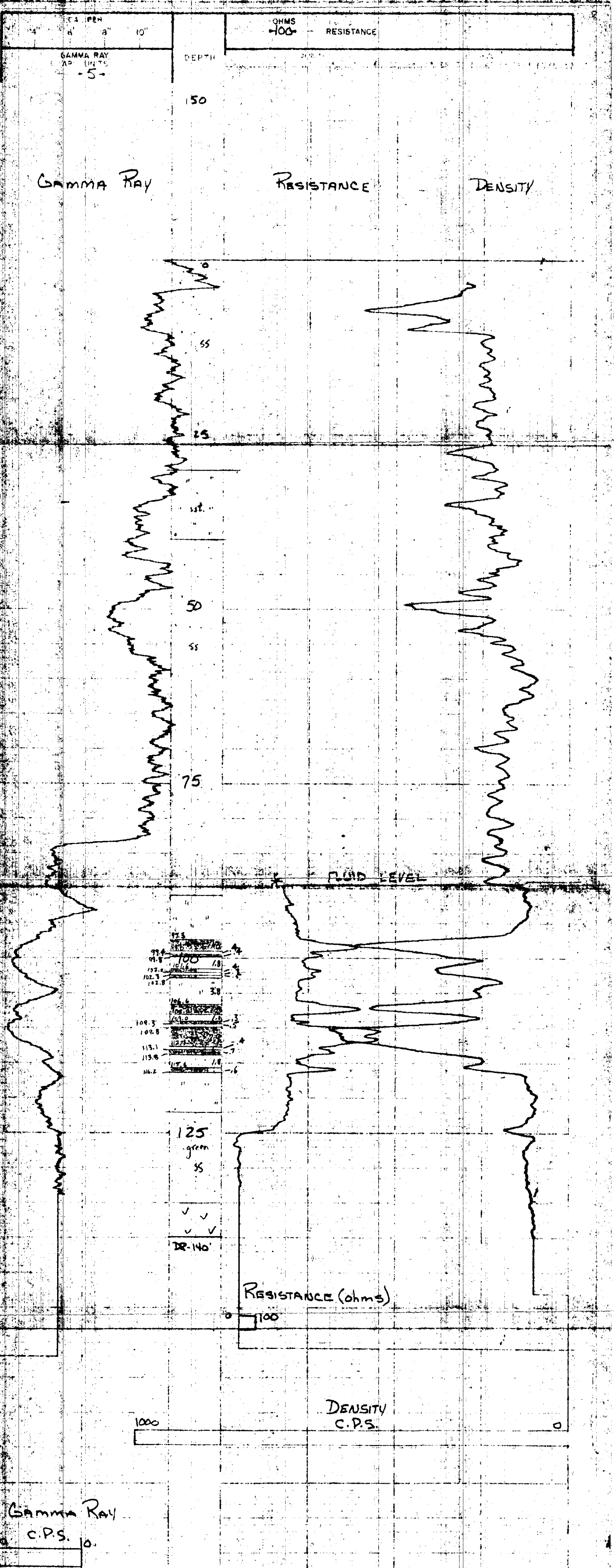
GAMMA RAY	TOOL MODEL NO.	RESISTANCE	DENSITY	CALIBER
L-02	L-03	1-03	1-107	
2 1/8"	DIAMETER	2 1/8"	2 1/8"	
CP-516	DETECTOR MODEL NO.	WT		
SCINT	TYPE			
3"	SCINT			
	LENGTH			
	HOOR SCALE			
	ISOPE			
	SCOPE			
	STRENGTH			
	LOGGING DATA			

GENERAL

TRUCK No.	LOCATION	LOGGING DATA
<b>2</b>	<b>CAMPBELL RIVER</b>	<b>100 S.D.V.</b>

REMARKS: \* Hole blind at 89.5 ft.

PC



M 78-151

**LEXCO TESTING LTD. GAMMA-DENSITY - RESISTANCE**

700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA

HOLE **QU-18-151** SURVEYED DATA

LOCATION **41+50 1250 FT SEC TP RGE W** ELEV **1054**

AREA **QUINSAM** LOC **4149 1243 4**

PROVINCE **B.C.**

RUN NO **2**

DATE **JUNE 20, 1978**

DEPTH-DRILLER **180**

DEPTH-LOGGER **177**

FLUID LEVEL **10.5'**

LOGGING TIME **5 hr Total**

DRILLED BY **H. VINCEH**

RECORDED BY **D. DOUBAR**

WITNESSED BY **S. GARDNER**

BORE-HOLE RECORD

SIZE FROM TO

6" SURF T.D. 7" SURF 20'

EQUIPMENT DATA

GAMMA RAY TOOL MODEL No. L-103 RESISTANCE TOOL MODEL No. L-103 DENSITY TOOL MODEL No. L-103 CALIPER

DIAMETER 2 1/8" TYPE 2 1/8"

DETECTOR MODEL No. 3P-SITE ME 3"

TYPE SCINT SPACING 3"

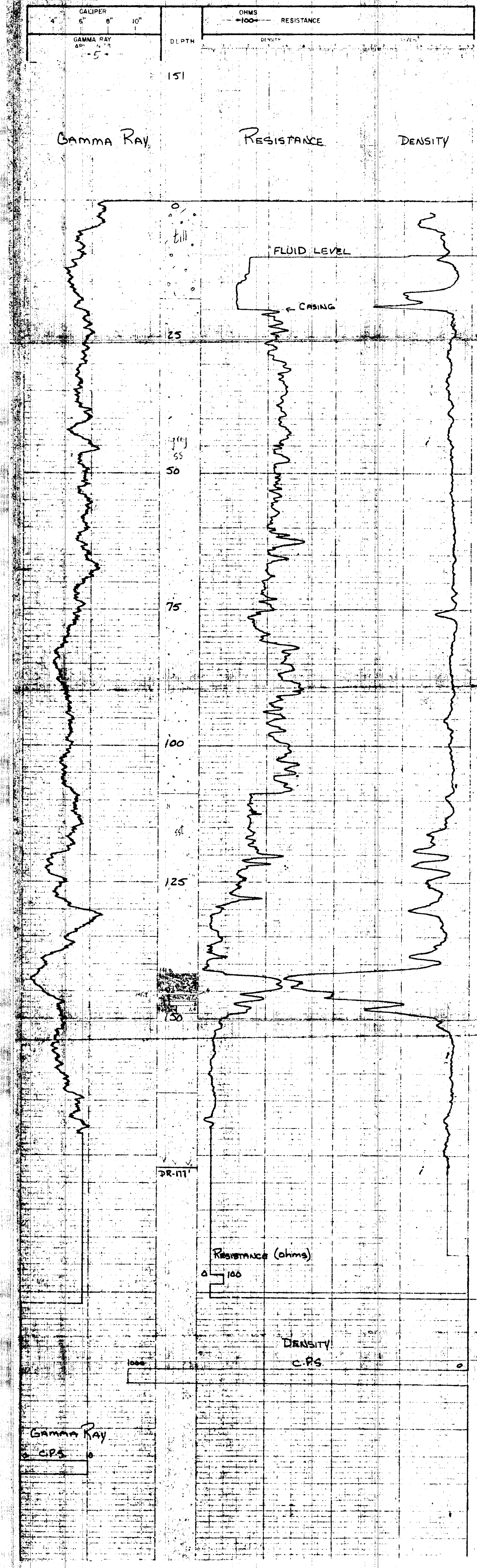
LENGTH 3'

GENERAL TRUCK No. 2 LOCATION **LEITHRUBELL KIVER** HOV SCALE **100 LB** HOVP **CS-37** ISOTOPE **CS-137** STRENGTH **25 mCi**

LOGGING DATA

GENERAL RUN No. DEPTHS TO SPEED FROM TO 1 177' 0 12' 4 100' 5 PER DIV 1 1 KR

REMARKS **PC**



DEPTH	GAMMA RAY (CPS)	RESISTANCE (ohms)	DENSITY (CPS)
0	~100	~100	~1.0
10.5	~100	~100	~1.0
25	~100	~100	~1.0
50	~100	~100	~1.0
75	~100	~100	~1.0
100	~100	~100	~1.0
125	~100	~100	~1.0
130	~1500	~100	~1.0
151	~100	~100	~1.0

OHMS RESISTANCE

DEPTH

DENSITY

FLUID LEVEL

CASING

DR-111

Resistance (ohms)

DENSITY

CPS

GAMMA RAY

CPS



78-152

**LEXCO TESTING LTD. GAMMA-DENSITY - RESISTANCE**

700 ROYAL TRUST TOWER-EDMONTON CENTRE, EDMONTON, ALBERTA

HOLE QU-78-152 SURVEYED DATA

LOCATION 47+50 1.50 LT SEC TP RGE W ELEV 1049

AREA QUINSBERTS LOC 4157 244' Lt

PROVINCE B.C. (L-19) 71

DATE June 20, 1978

DEPTH-DRILLER 300'

DEPTH-LOGGER 210'

FLUID LEVEL 18'

LOGGING TIME 1 hr. total

DRILLED BY H. Vincent

RECORDED BY D. Dunbar

WITNESSED BY S. Goodwin

BORE-HOLE RECORD

BIT 5 7/8" FROM 42' TO 47'

SIZE 5 1/2" FROM 54' TO 42'

RESISTANCE DENSITY CALIPER

EQUIPMENT DATA

GAMMA RAY L-103 TOOL MODEL No. L-103 RESISTANCE DENSITY CALIPER

TOOL MODEL No. 2 1/8" DIAMETER L-103 L-103

DETECTOR MODEL No. GP-516 TYPE ME 2 1/8" L-103

TYPE SCINT SPACING 13"

LENGTH 3'

GENERAL HOR. SCALE 100 ST./ft. HOVP

TRUCK No. 2

LOCATION Campbell Kline ISO TOPE CS-137

STRENGTH 125 m.c.

LOGGING DATA

GENERAL GAMMA RAY DENSITY

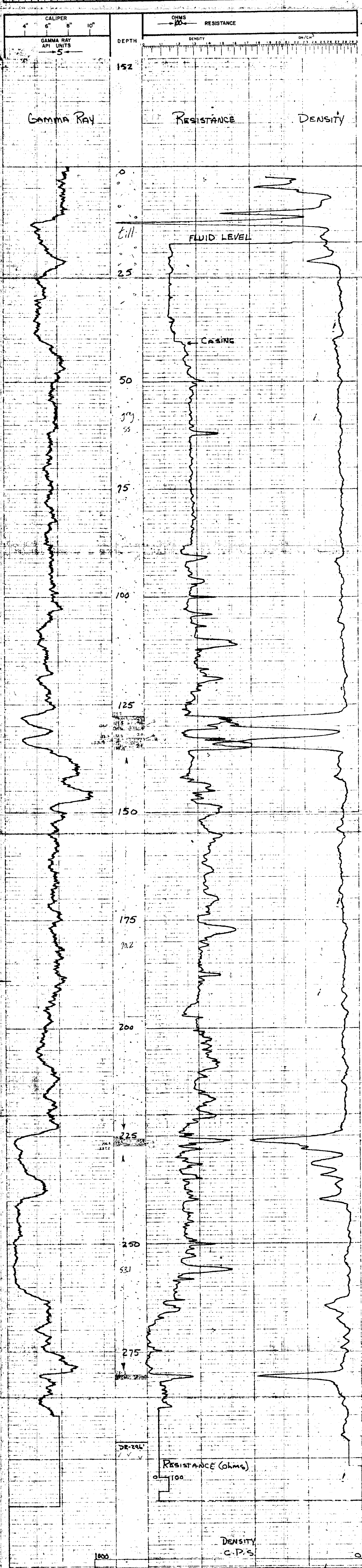
RUN DEPTHs SPEED T.C. SENS. ZERO API UNITS S.C. SENS. ZERO

No. FROM TO Ft./min. SEC. SETTINGS PER DN. S.C. SETTINGS

1 246 0 12 4 120 5 1 1K

REMARKS

1 PC



GAMMA RAY

RESISTANCE

DENSITY

FLUID LEVEL

CASING

152

25

50

75

100

125

150

175

200

225

250

275

RESISTANCE (ohms)

DENSITY C.P.S.

DR-224

188



M  
71-153(c)

**LEXCO TESTING LTD. GAMMA-DENSITY - RESISTANCE**

700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA.

HOLE QU-78-153(C) SURVEYED DATA  
 LOCATION 55+00 125BLT SEC TP RGE W ELEV. 1050'  
 AREA QUINSAM LOC. 55+29 1100' H.  
 PROVINCE B.C. (L2071)

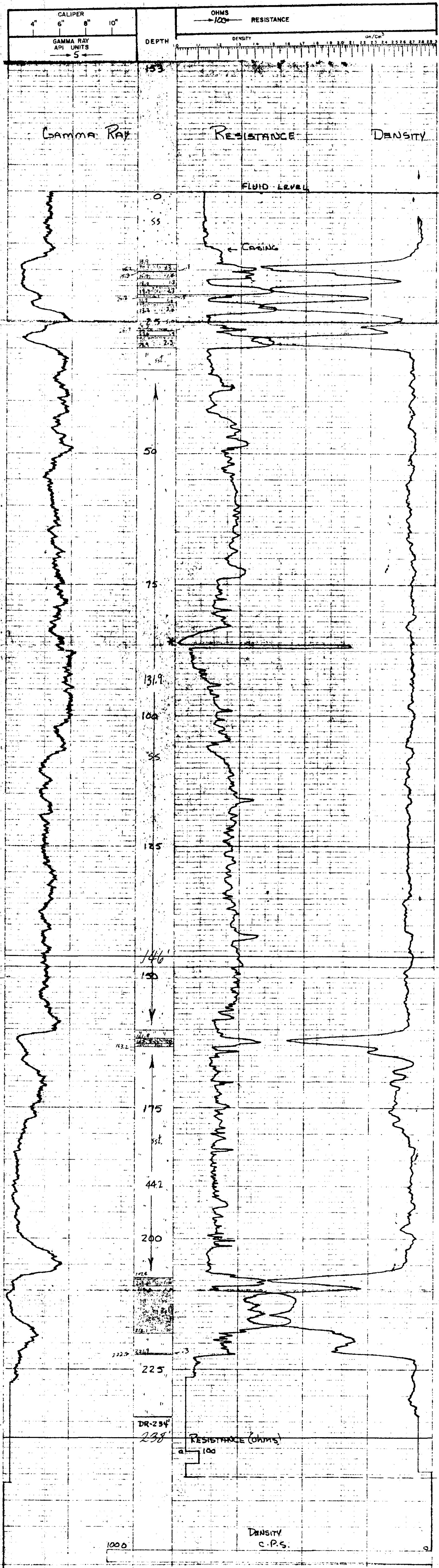
RUN No. \_\_\_\_\_ DATE June 21, 1978  
 DEPTH-DRILLER \_\_\_\_\_ 240'  
 DEPTH-LOGGER \_\_\_\_\_ 234'  
 FLUID LEVEL \_\_\_\_\_ FULL  
 LOGGING TIME \_\_\_\_\_ 1 hr. 10 min.  
 DRILLED BY \_\_\_\_\_ 2 Salt  
 RECORDED BY \_\_\_\_\_ D. DUNBAR  
 WITNESSED BY \_\_\_\_\_ S. GARDNER

BORE-HOLE RECORD FROM \_\_\_\_\_ TO \_\_\_\_\_  
 BIT 5 7/8" Surf SIZE 9" CASING RECORD FROM \_\_\_\_\_ TO \_\_\_\_\_  
5 7/8" 12' 12' Surf 17'  
12' 12'

EQUIPMENT DATA  
 GAMMA RAY L-103 TOOL MODEL No. \_\_\_\_\_ RESISTANCE L-103 DENSITY L-103 CALIPER  
 DIAMETER MODEL No. 2 1/8" DIAMETER 2 1/8"  
 DETECTOR MODEL No. CP-516 TYPE \_\_\_\_\_ ME \_\_\_\_\_  
 TYPE \_\_\_\_\_ SCINT \_\_\_\_\_ SPACING \_\_\_\_\_ IS<sup>15</sup>  
 LENGTH \_\_\_\_\_ HOR SCALE \_\_\_\_\_ SOURCE MODEL 100S-1111 HOVP \_\_\_\_\_  
 TRUCK No. 2 ISOTOPE \_\_\_\_\_ CS-157  
 LOCATION Campeau River STRENGTH \_\_\_\_\_ 125 m.c.

GENERAL LOGGING DATA  
 RUN DEPTHS SPEED T.C. SENS. ZERO GAMMA RAY T.C. SENS. ZERO  
 No. FROM TO FV/min SEC. SETTINGS PER DIV. SEC. SETTINGS  
 1 231 0 12 4 100 5 1 1K

REMARKS: \* Hole blind @ Bl. S. Ca. re-filled & Cont. Log.  
 PC



M 28-154

**LEXCO TESTING LTD. GAMMA-DENSITY - RESISTANCE**

700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA

HOLE Q-18-154 SURVEYED DATA

LOCATION 4450 Lf. SEC TP. RGE. W ELEV. 445

AREA QUINSMAN LOC.

PROVINCE 13 **(L21) F1**

DATE June 21, 1978

DEPTH-DRILLER 240

DEPTH-LOGGER 251

FLUID LEVEL 175

LOGGING TIME 175

DRILLED BY H. VINCENT

RECORDED BY D. DONBAR

WITNESSED BY S. SANDERSON

BORE-HOLE RECORD

EQUIPMENT DATA

GAMMA RAY

TOOL MODEL No. L-103 TOOL MODEL No. L-103 RESISTANCE DENSITY CALIBER

DIAMETER 2 1/8 DIAMETER 2 1/8 ME 13

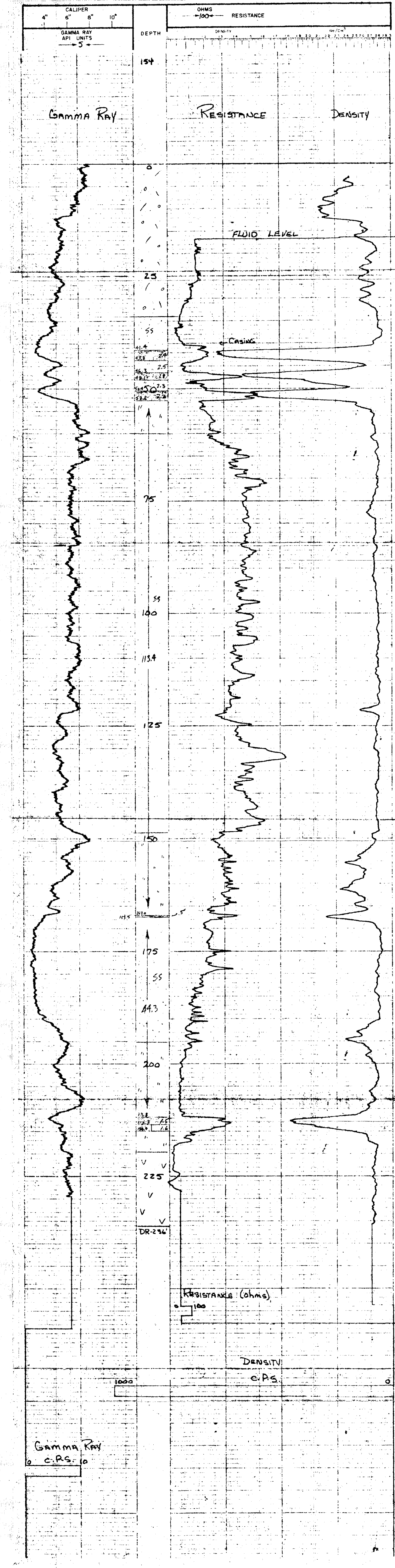
DETECTOR MODEL No. CP-516 TYPE SCINT SPRING F

TRUCK No. 2 HOE SCALE 100 MOV. 1

LOCATION Campeau RIVER ISOPIE 65-137 STRENGTH 125

GENERAL		GAMMA RAY		DENSITY	
RUN No.	DEPTHS	T.C.	SENS.	ZERO	API UNITS
1	FROM 0	TO 12	SEC. SETTINGS 4	PER DIV 100	5
2	FROM 0	TO 12	SEC. SETTINGS 4	PER DIV 100	5

REMARKS **PC**



GAMMA RAY C.R.S. 0



M 78-155

LEXCO TESTING LTD. GAMMA-DENSITY-RESISTANCE

700, ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA

HOLE QU 78-155 SURVEYED DATA

LOCATION 42+SD 1750 FT SEC TR RGE W ELEV 4275

AREA QUINSAM LOC

PROVINCE BC (2271) 2

DATE June 22, 1978

DEPTH-DRIILLER 240', 237'

FLUID LEVEL 754' Total / H. VACCT

LOGGING TIME 5 GARONCT

DRILLED BY D. DUNBAR

RECORDED BY S. GARONCT

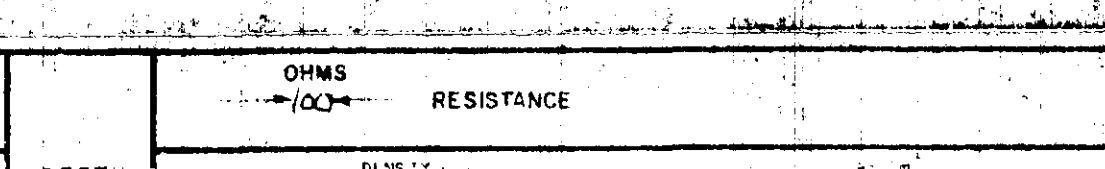
WITNESSED BY

EQUIPMENT DATA

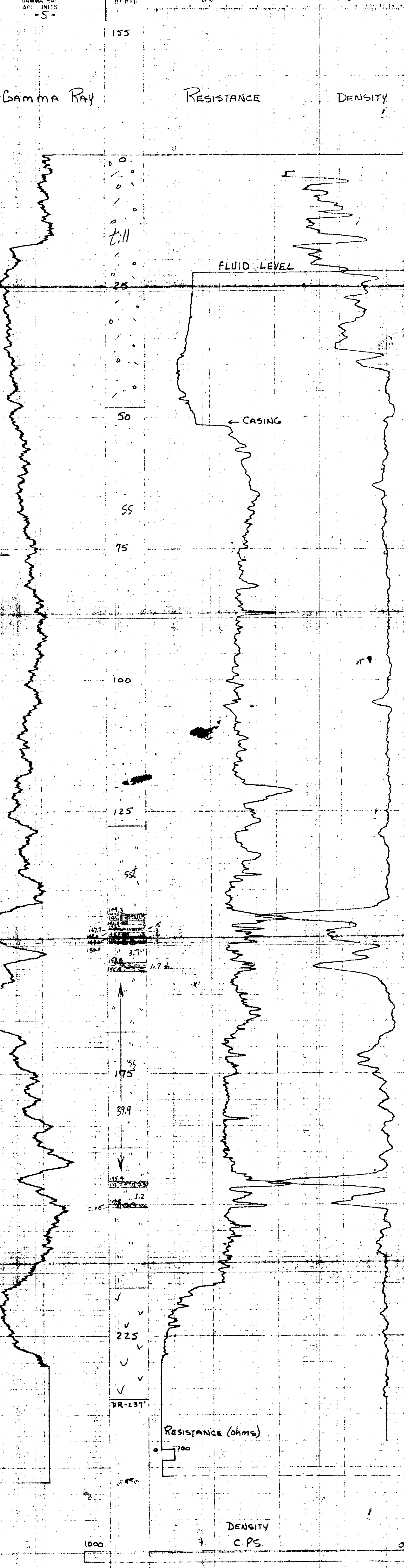
GAMMA RAY TOOL MODEL No. 1-103

GENERAL: TRUCK No. 2, LOGGING STRENGTH, ISOTOPE CS-137, 125 m.

PC



GAMMA RAY AP. UNITS 5



GENERAL	GAMMA RAY	RESISTANCE	DENSITY	CALIPER
TOOL MODEL No. 1-103	TOOL MODEL No. 1-103	RESISTANCE	DENSITY	CALIPER
DIAMETER 2 1/8"	DIAMETER 2 1/8"			
DETECTOR MODEL No. CP-516	DETECTOR MODEL No. CP-516			
TYPE SCINT	TYPE SCINT			
LENGTH 3'	LENGTH 3'			
GENERAL: TRUCK No. 2	GENERAL: TRUCK No. 2			
LOGGING STRENGTH	LOGGING STRENGTH			
ISOTOPE CS-137	ISOTOPE CS-137			
125 m.	125 m.			
GENERAL: SPEEDS	GENERAL: SPEEDS			
DEPTH FROM TO	DEPTH FROM TO			
1 237	1 237			
0 12	0 12			
4 4	4 4			
100 100	100 100			
5 5	5 5			
1 1	1 1			
1K 1K	1K 1K			



28-156

**LEXCO TESTING LTD. GAMMA-DENSITY - RESISTANCE**

700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA

HOLE Q1-78-156 SURVEYED DATA

LOCATION 48700 SEC TP RGE W ELEV. 1003'

AREA QUIDSAM LOC. 3988 2216' 4

PROVINCE BC (2371)

DATE JUNE 23, 1978

DEPTH-DRILLER 158'

DEPTH-LOGGER FULL

FLUID LEVEL 5 hr tag

LOGGING TIME H. VISCOTT

DRILLED BY D. DUNBAR

RECORDED BY S. GRIFFIN

WITNESSED BY

BORE-HOLE RECORD

BIT FROM Surf TO Surf SIZE Surf CASING RECORD TO 10'

BIT FROM Surf TO Surf SIZE Surf CASING RECORD TO 10'

BIT FROM Surf TO Surf SIZE Surf CASING RECORD TO 10'

BIT FROM Surf TO Surf SIZE Surf CASING RECORD TO 10'

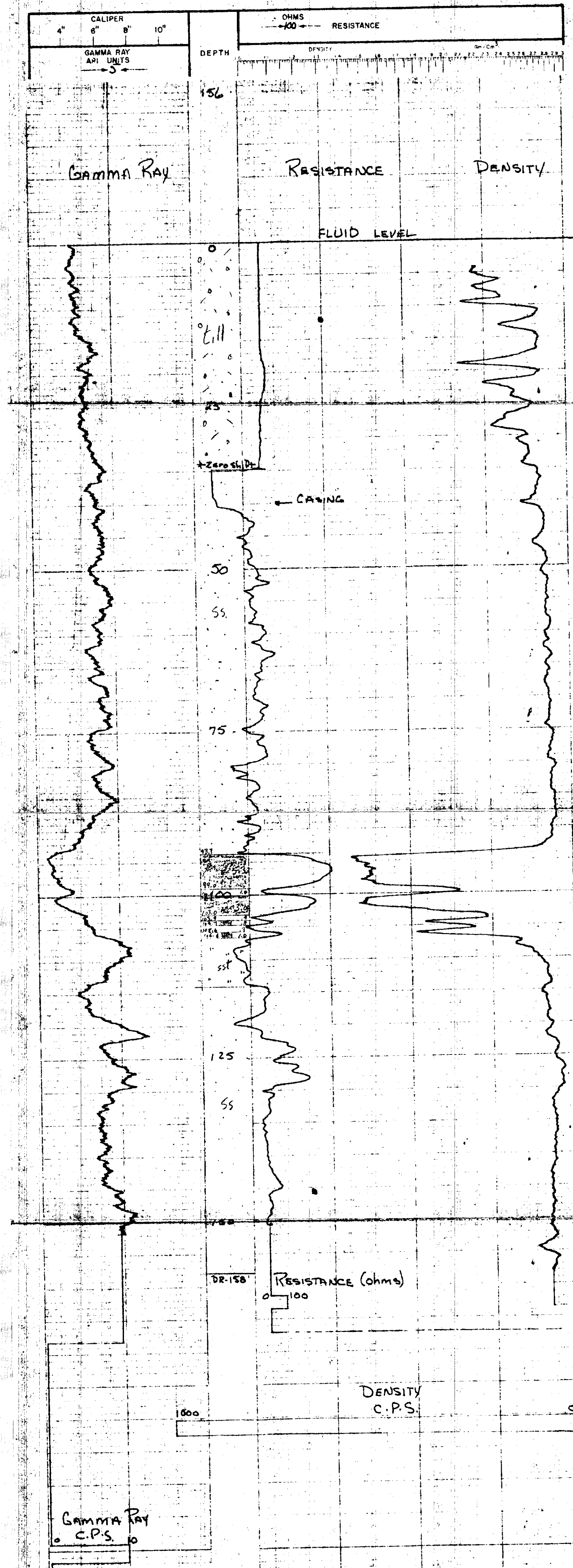
BIT FROM Surf TO Surf SIZE Surf CASING RECORD TO 10'

BIT FROM Surf TO Surf SIZE Surf CASING RECORD TO 10'

BIT FROM Surf TO Surf SIZE Surf CASING RECORD TO 10'

BIT FROM Surf TO Surf SIZE Surf CASING RECORD TO 10'

BIT FROM Surf TO Surf SIZE Surf CASING RECORD TO 10'



CALIPER 4" 6" 8" 10"

GAMMA RAY API UNITS

DEPTH

FLUID LEVEL

CASING

RESISTANCE (ohms)

DENSITY C.P.S.

DR-158

GAMMA RAY C.P.S.

REMARKS: Resistance zero shift three divisions

PC 0 35'

78-157 (2)

**LEXCO TESTING LTD. GAMMA-DENSITY - RESISTANCE**

700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA.

HOLE **QJ-78-157 (C)** SURVEYED DATA  
 LOCATION **47+50 225014 SEC 17 RGE W** ELEV **1086'**

AREA **QUINSAPOW** PROVINCIAL **B.C. L2471** LOC **47+44 225174**

DATE **JUNE 23, 1978**

DEPTH-DRILLER **184'**

DEPTH-LOGGER **154'**

FLUID LEVEL **5 ft total**

LOGGING TIME **5 hr total**

WRITTEN BY **R. Selk**

RECORDED BY **O. DUBINS**

WITNESSED BY **R. Koningman**

BIT **5 1/2" SUPR** TO **12'** SIZE **7"** FROM **SURF** TO **12'**

EQUIPMENT DATA

GAMMA RAY **L-103** TOOL MODEL NO. **L-103** RESISTANCE **L-103** DENSITY **L-103** CALIPER **L-103**

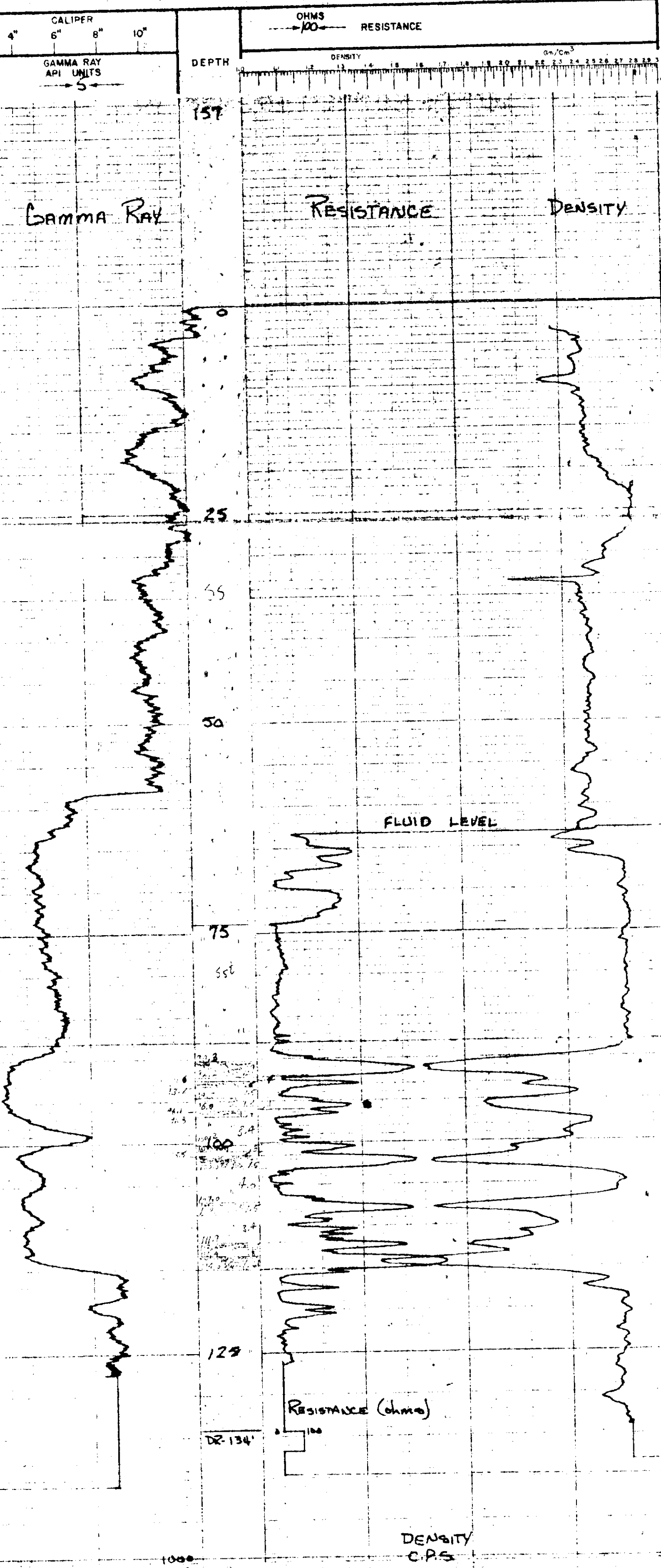
DIAMETER **2 1/8"** TYPE **ME** F **13"**

DETECTOR MODEL NO. **CF-516** SCINT **3"** LENGTH **100 SLD**

TRUCK No. **CAMPBELL** HOVR SCALE **GS-137**

LOCATION **CAMPBELL RIVER** ISOTOPE **125 m.c.**

REMARKS **PC**



GAMMA RAY  
C.P.S.

78-1586

**LEXCO TESTING LTD. GAMMA-DENSITY - RESISTANCE**

700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA.

HOLE QU-18-15B(S) SURVEYED DATA

LOCATION 47+50 ELEV. 1051'

AREA QUINSMAN LOC. 4131 725-11

PROVINCE B.C.

DATE JUNE 21, 1978

DEPTH - DRILLER 251'

DEPTH - LOGGER 251'

FLUID LEVEL 151'

LOGGING TIME 11:15 AM

LABELED BY J. WILSON

RECORDED BY J. WILSON

WITNESSED BY S. GARDNER

BIT 5 1/2" SPT TO 12' CASING RECORD FROM 7' TO SURF

EQUIPMENT DATA

TOOL MODEL NO. L-103 TOOR MODEL NO. L-103 CALIBER

DIAMETER 2 1/8" DIAMETER 2 1/8"

DETECTOR MODEL NO. CP-516 ME ME

TYPE 1 SCINT 3 BRACING 13

LENGTH 3 HOR. SCALE 100 FT/IN

TRUCK No. 2 SOURCE MODEL HOV-1

LOCATION CAMPBELL ISOTOPE CS-137

KIVIER STRENGTH 120 m.c.

GENERAL LOGGING DATA

GENERAL GAMMA RAY DENSITY ZERO

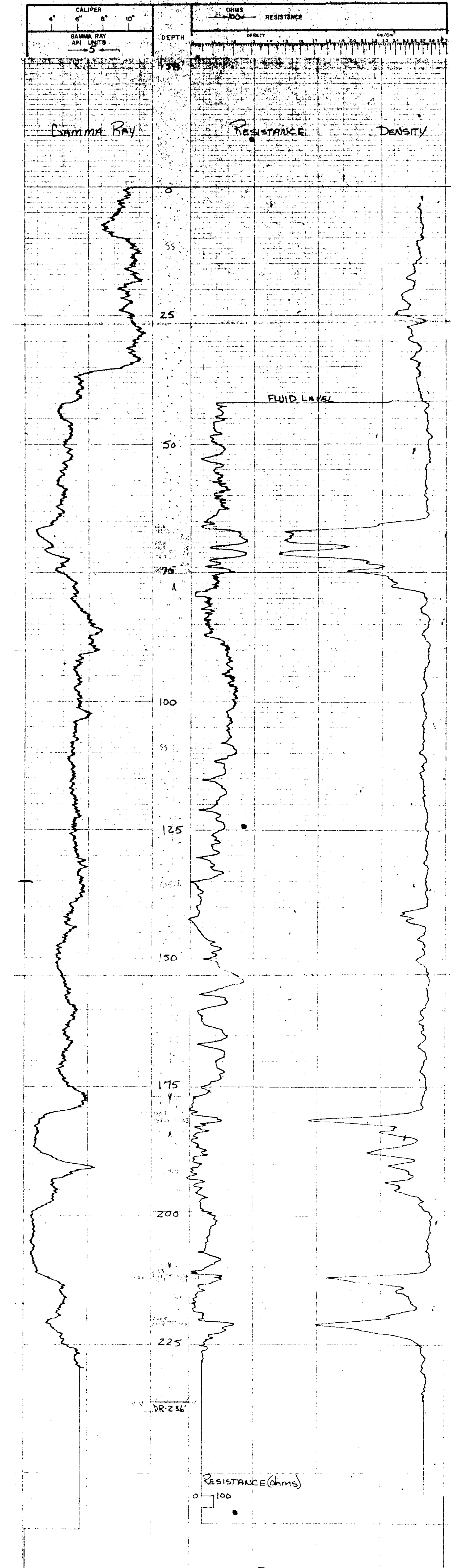
SPEED DEPTHS TO SPEED T.C. SENS ZERO API UNITS T.C. SENS ZERO

FL/MIN. SEC. SETTINGS PER DIV. SEC. SETTINGS

1 23.1 0 12 4 100 5 1 1K

REMARKS

PC



RESISTANCE (Ohms)

DENSITY g/cm³

GAMMA RAY CPS











M 78-162

**LEXCO TESTING LTD. GAMMA-DENSITY - RESISTANCE**

700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA

HOLE QJ-78-162 SURVEYED DATA

LOCATION 42+50 Rt SEC TP RGE W. ELEV. 1000'

AREA QUINSAM LOC. 4261 1928'N.

PROVINCE B.C. (229) 71

DATE June 26, 1978

DEPTH-DRILLER 218'

DEPTH-LOGGER 218'

FLUID LEVEL 5'

LOGGING TIME 1 hr 10 min

UNREEL BY H. WINKELT

RECORDED BY D. DANIELS

WITNESSED BY S. GARDNER

BIT BONE-HOLE RECORD TO 40'

SIZE 5 1/2" FROM 40' TO 45'

RESISTANCE DENSITY CALIPER

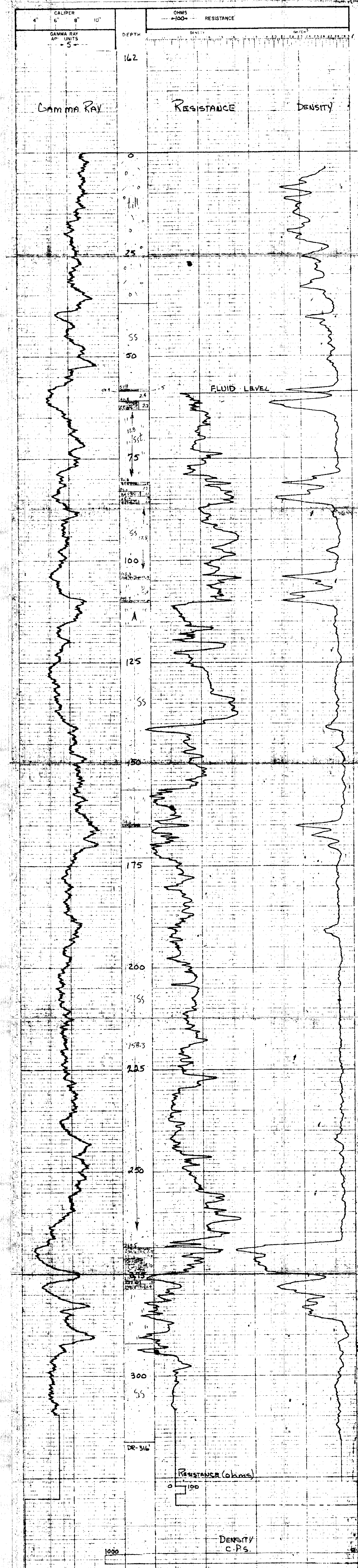
TOOL MODEL No. L-103

DIAMETER 2 1/8"

DETECTOR MODEL No. DR-316

REMARKS

PC



GAMMA RAY  
0 - 100 C.P.S. 10

RESISTANCE (ohms)  
0 100

DENSITY  
C.P.S.  
1000

CALIPER  
4" 6" 8" 10"  
GAMMA RAY  
AP. UNITS  
5

DEPTH  
162

GAMMA RAY

RESISTANCE

DENSITY

FLUID LEVEL

DR-316

RESISTANCE (ohms)

DENSITY C.P.S.

GAMMA RAY

0 - 100 C.P.S. 10



78-200

# LEXCO TESTING LTD. GAMMA-DENSITY - RESISTANCE

700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA.

HOLE Q1-18-200 SURVEYED DATA  
 LOCATION 45+00 ELEV. 1551  
 AREA QUINSAM TP RGE W  
 PROVINCE BC LOC. 71

RUN No. 2  
 DATE July 11, 1978  
 DEPTH-DRILLER 185  
 DEPTH-LOGGER 185  
 FLUID LEVEL 37'  
 LOGGING TIME 5 hr 10 min  
 DRILLED BY Kate's Drilling  
 RECORDED BY D. KAMBER  
 WITNESSED BY S. JARDNER

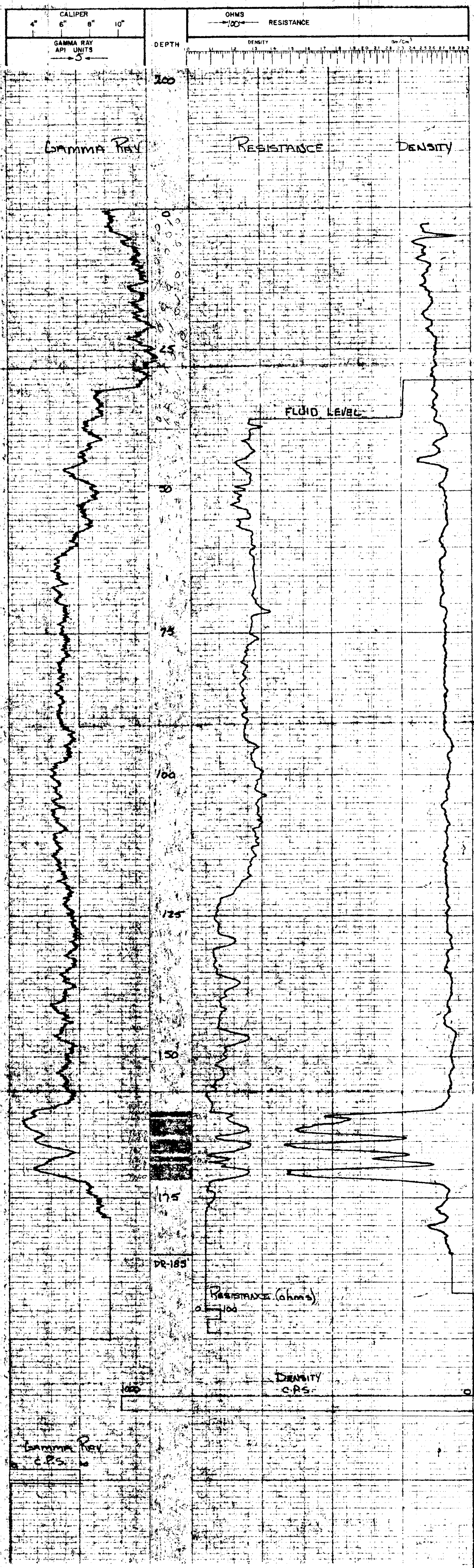
BIT 7" SIZE FROM TO  
 BORE-HOLE RECORD TO FROM TO  
 BIT 7" SIZE FROM TO  
 BORE-HOLE RECORD TO FROM TO

EQUIPMENT DATA  
 GAMMA RAY TOEI MODEL No. L-103 RESISTANCE L-103 DENSITY L-103 CALIPER  
 DIAMETER 2 1/8" DETECTOR MODEL No. CP-516 TYPE F WE F  
 SCINT 3 SPACING 1" LENGTH 3"  
 GENERAL: HORN SCALE 100-200 HOVP CS-137  
 TRUC. No. 2 SOURCE MODEL CS-137 ISOTOPE 125 m.c.  
 LOCATION CAMPBELL RIVER LOGGING DATA

GENERAL		GAMMA RAY		RESISTANCE		DENSITY	
Run No.	DEPTH	Speed	T.C.	Sens	Zero	API Units	T.C.
From	To	F/Min	Sec	Settings	Per Div	Div	Settings
1	185	0	12	4	100	5	1
							IK

REMARKS

PC



71-201

**LEXCO TESTING LTD. GAMMA-DENSITY - RESISTANCE**

700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA.

HOLE QU-78-201 SURVEYED DATA

LOCATION 50+00 B500 H SEC TP RGE W ELEV. 1500

AREA QUINSAM (271) LOC. #1-11-2

PROVINCE B.C.

DATE July 11, 1978

DEPTH-DRILLER 77'

FLUID LEVEL 5 hr. total

LOGGING TIME 5 hr. total

DRILLED BY H. Kucet

RECORDED BY D. Dunbar

WITNESSED BY S. Gardner

BORE-HOLE RECORD

BIT FROM TO SIZE FROM TO

WT. SUP T.D. 5 1/2' SUP 20'

EQUIPMENT DATA

GAMMA RAY TOOL MODEL No. L-103 RESISTANCE TOOL MODEL No. L-103 DENSITY TOOL MODEL No. L-103 CALIPER TOOL MODEL No. L-103

DIAMETER 2 1/8" DETECTOR MODEL No. CP-516 ME TYPE F

TYPE SCINT SPACING LENGTH 15'

GENERAL TRUCK No. 2 HOV SCALE 100.5/100 HOVP

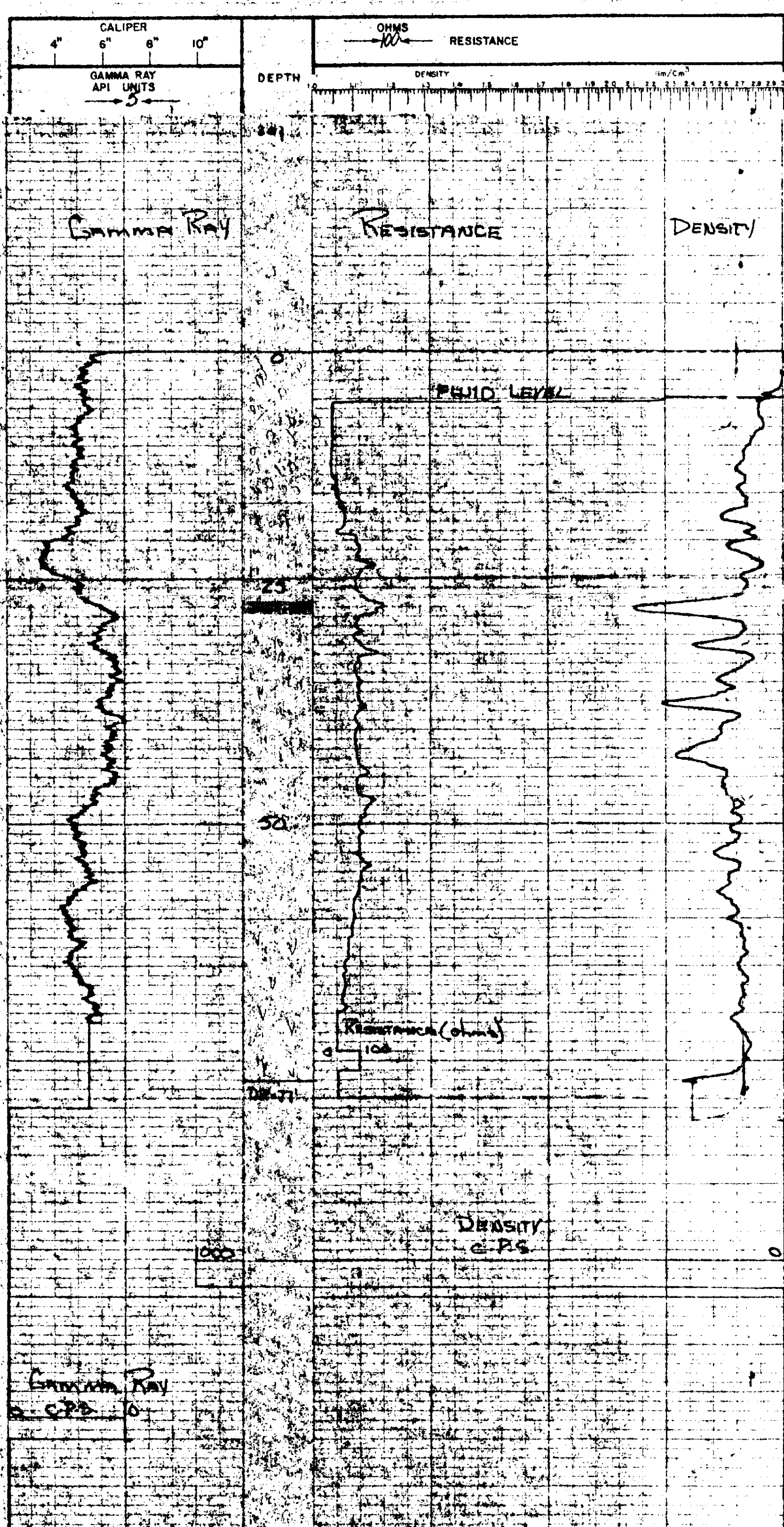
LOCATION Campbell River ISOTOPE CS-137 STRENGTH 125 m.c.

GENERAL LOGGING DATA

GENERAL RUN No. DEPTHS TO SPEED T.C. SENS. ZERO GAMMA RAY API UNITS PER ON T.C. SENS. ZERO

1 77' 0 12 4 100 5 1 1K

REMARKS: **PC**





78-202

**LEXCO TESTING LTD. GAMMA-DENSITY - RESISTANCE**

700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA

HOLE QU-18-202 SURVEYED DATA

LOCATION 4150 1350 1/4 SEC TP RGE W ELEV. 1173

AREA QUINSMAN LOC. 41+28-8170

PROVINCE B.C. 13 **71**

DATE July 11, 1978

DEPTH - DRILLER J. J. J.

DEPTH - LOGGER 185'

FLUID LEVEL 155'

LOGGING TIME 5 hr. total

DRILLED BY R. Salk

RECORDED BY D. QUINSMAN

WITNESSED BY S. GARLAND

BORE HOLE RECORD

BIT FROM TO SIZE CASING RECORD FROM TO

5 3/8" Surf T.D. 7" Surf 13'

EQUIPMENT DATA

GAMMA RAY TOOL MODEL No. L-103 TOOL MODEL No. L-103 RESISTANCE TOOL MODEL No. L-103 DENSITY TOOL MODEL No. L-103 CALIPER

DIAMETER 2 1/8" DIAMETER 2 1/8" DIAMETER 2 1/8"

DETECTOR MODEL No. CB-51C TYPE ME TYPE F

TYPE SCINT SPACING 15"

LENGTH 3'

GENERAL

TRUCK No. 2 HOR. SCALE 1000 HOVP 1000

LOCATION CAM PEBELL SOURCE MODEL CS-137 ISOTOPE CS-137

STRENGTH 125 m.c.

LOGGERS DATA

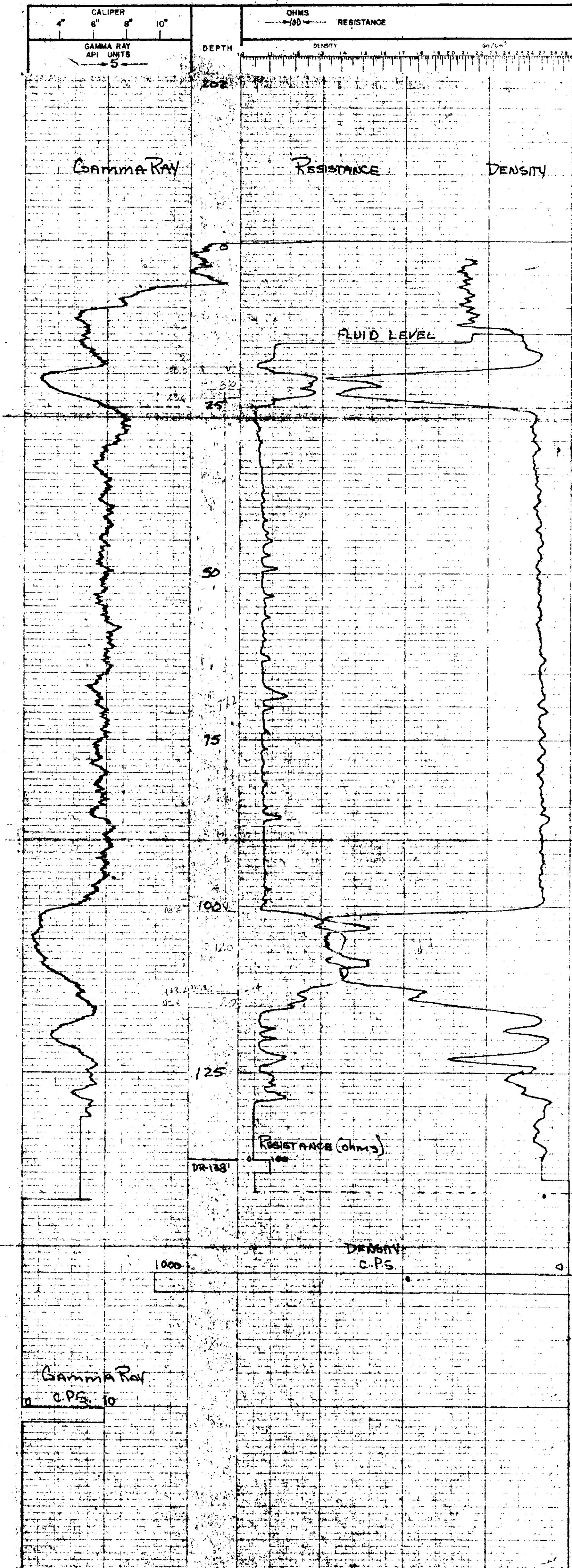
GENERAL

DEPTH FROM TO SPEED T.C. SENS. ZERO API UNITS T.C. SENS. ZERO

1 138 0 12 4 100 5 1 1K

REMARKS:

**PC**



78-203

**LEXCO TESTING LTD. GAMMA-DENSITY - RESISTANCE**

701 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA

HOLE NO. **QU-78 203** SURVEYED DATA

LOCATION **125014** SEC. TP. RGE. W. ELEV. 1051

AREA **Quissam** LOC. 125-12+1-

PROVINCE **B.C. (14) 71**

DATE **July 13, 1978**

DEPTH-DRILLER **15' 14'**

DEPTH-LOGGER **14'**

FLUID LEVEL **5 hr. Total**

LOGGING TIME **2 1/2**

DRILLED BY **Kess Drilling**

RECORDED BY **D. Dunbar**

W. INDEXED BY **S. Garbars**

BIT **6" Surf** BORE-HOLE RECORD

**I.D.** **7"** CASING RECORD

**Surf** **Surf** **5'**

EQUIPMENT DATA

GAMMA RAY TOOL MODEL NO. **L-103** RESISTANCE TOOL MODEL NO. **L-103** DENSITY CALIPER

DIAMETER **2 1/8"** DIAMETER **2 1/8"** DIAMETER **2 7/8"**

DETECTOR MODEL NO. **CS-516** TYPE **SCINT** SPRING **13'**

GENERAL TRUCK No. **2** SOURCE MODEL **100 R. Univ.** HOPE

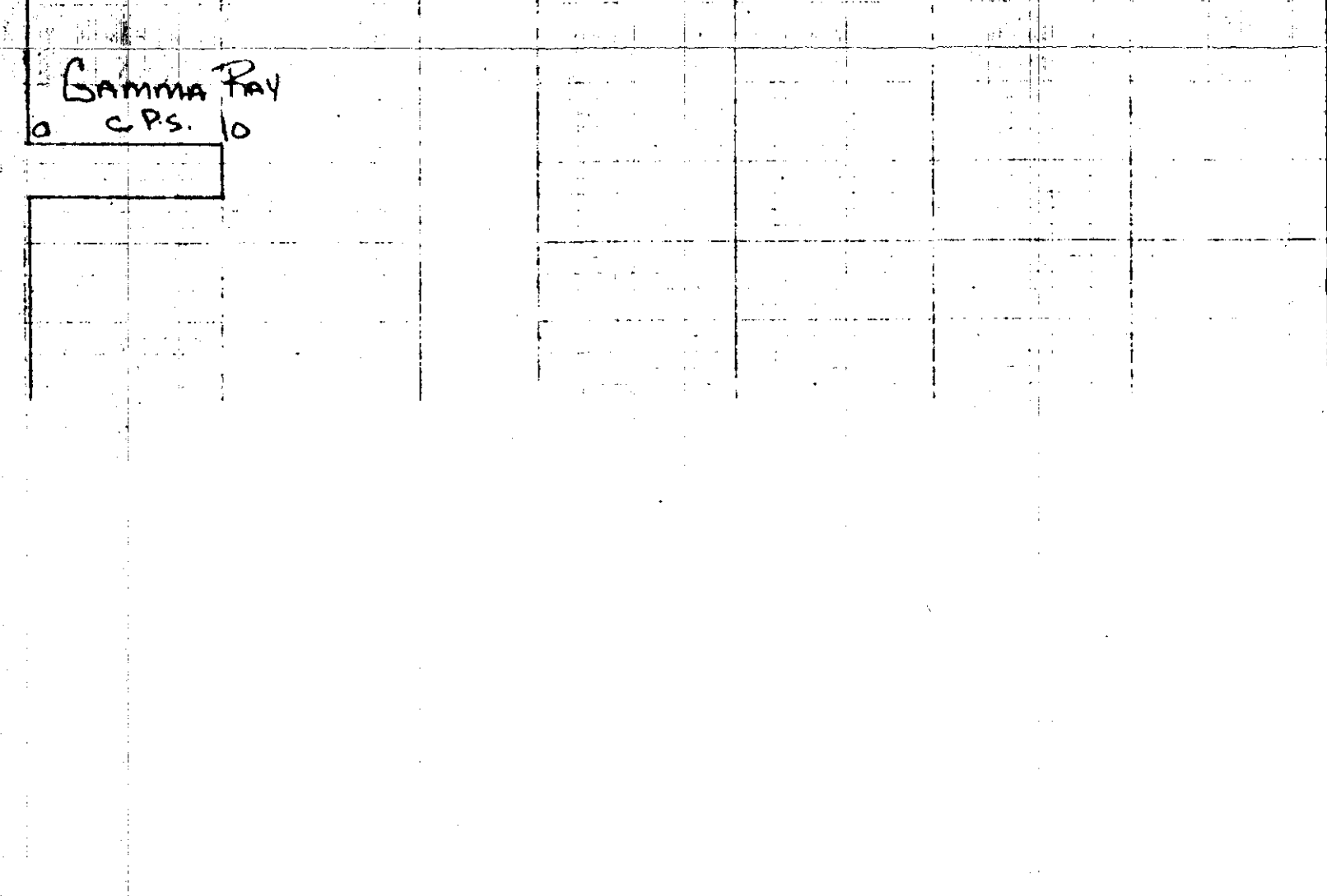
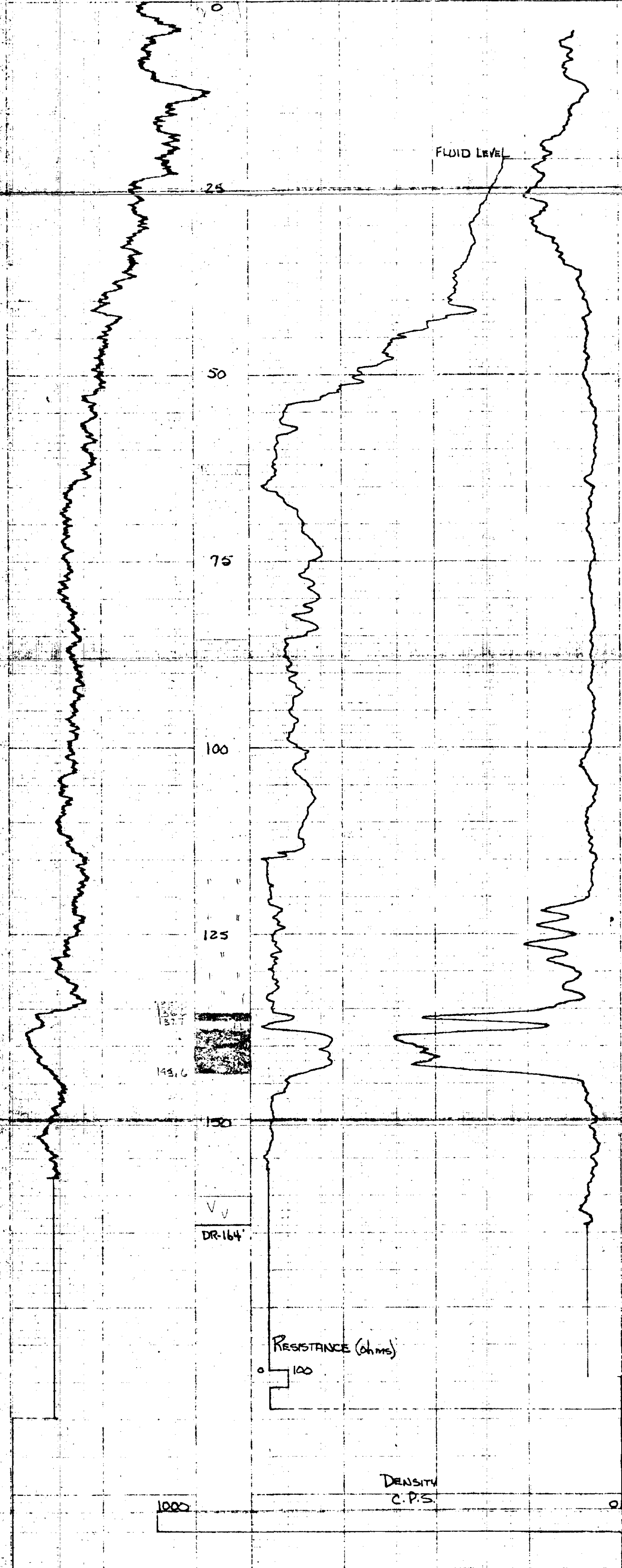
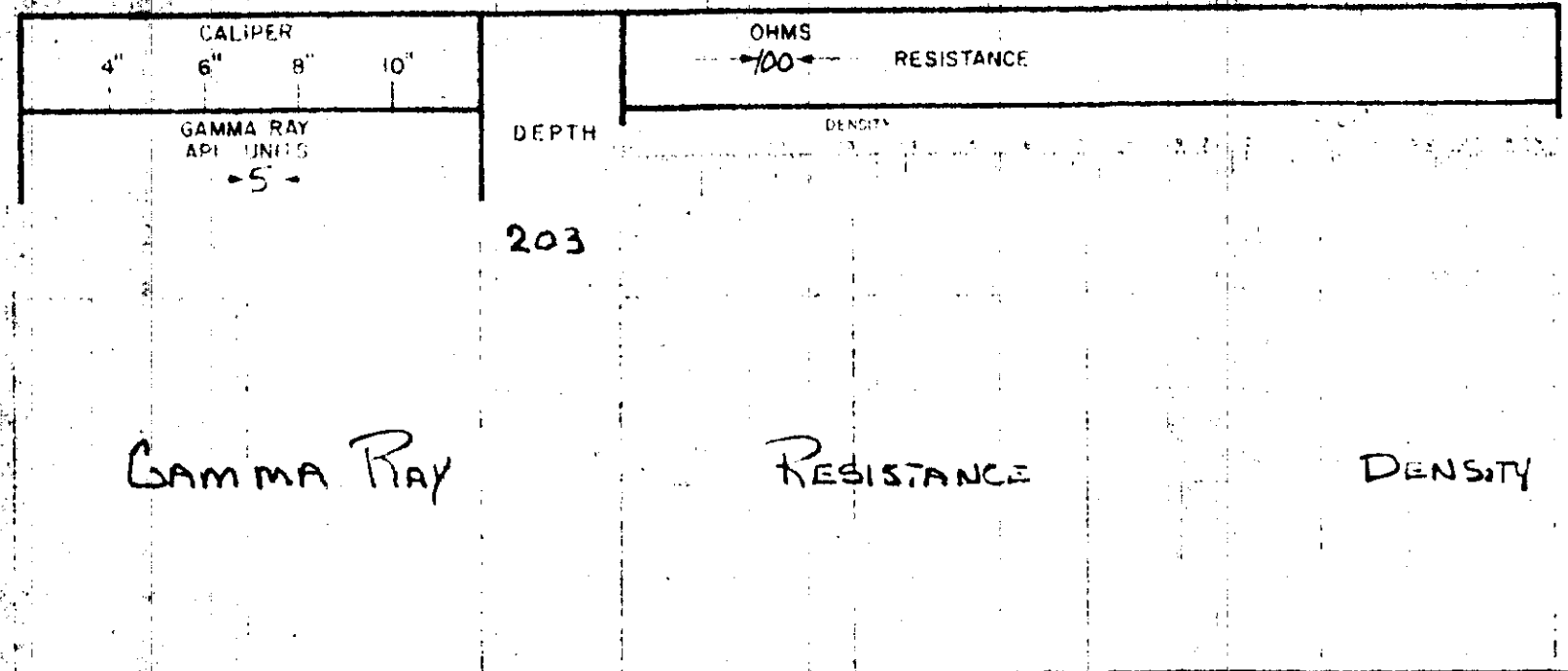
LOCATION **Campbell River** ISOLORE **CS-137** STRENGTH **125 m.**

LOGGING DATA

GENERAL DEPTHS: SPEED T.C. GEN. ZERRC API UNITS

NO. FROM 1 **164** FV/M 0 **12** SEC. SETTING 4 **100** PER DIV 5

REMARKS



PC

78-204

**LEXCO TESTING LTD. GAMMA-DENSITY - RESISTANCE**

700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA

HOLE QJ-18-204 SURVEYED DATA

LOCATION 7000 1st SEC TP RGE W ELEV \_\_\_\_\_

AREA QUINSARD LOC \_\_\_\_\_

PROVINCE B.C. (15) 71

DATE July 12 1978

DEPTH-DRILLER 180'

DEPTH-LOGGER 177'

FLUID LEVEL 15'

LOGGING TIME 5 hr. 10 min.

DRILLED BY H. WILKINSON

RECORDED BY D. DUNBAR

WITNESSED BY S. CAROLAN

BORE-HOLE RECORD

BIT 4 1/2" S&W TO \_\_\_\_\_

SIZE 5 1/2" S&W FROM \_\_\_\_\_

TO 10' TO \_\_\_\_\_

EQUIPMENT DATA

GAMMA RAY TOOL MODEL No. L-103 RESISTANCE TOOL MODEL No. L-103 DENSITY TOOL MODEL No. L-103 CALIPER

DIAMETER 2 1/8" DIAMETER 2 1/8" ME 6"

DETECTOR MODEL No. CS-516 SCINT 3" LENGTH 13"

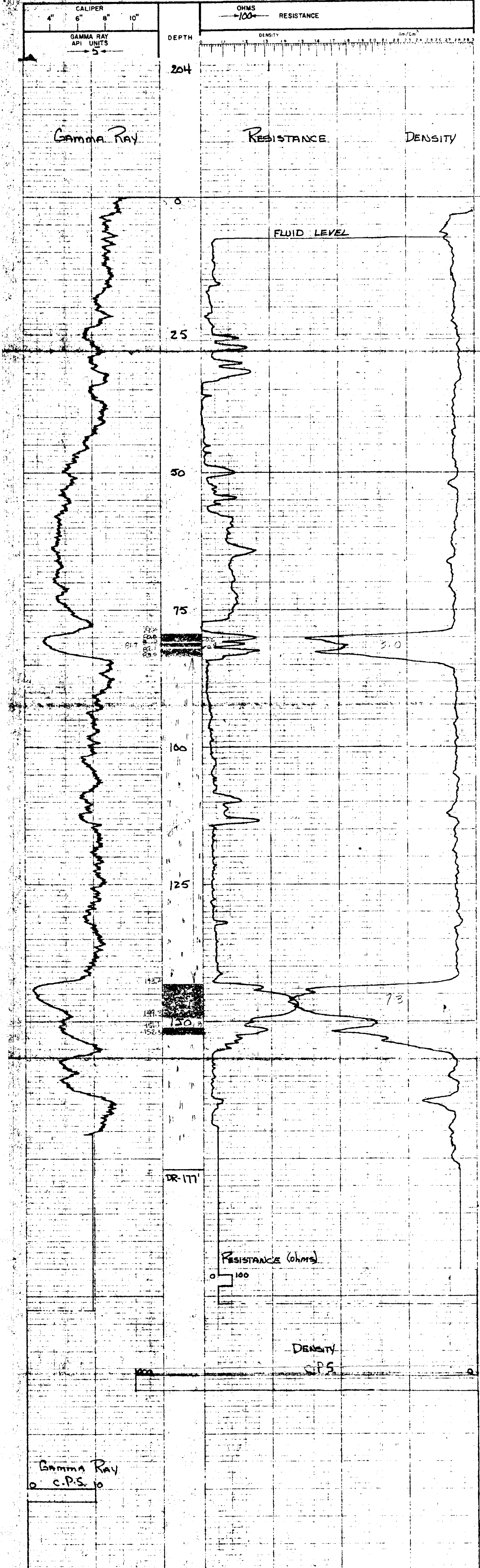
GENERAL TRUCK No. 2 HOR SCALE 1000 C.P.S./DIV

LOCATION Campbell River SOURCE MODEL CS-137 ISOTOPE 125 m.c. STRENGTH

GENERAL		GAMMA RAY		DENSITY	
RUN No.	DEPTHS	SPEED	T.C. SENS.	API UNITS	T.C. SENS.
FROM	TO	F/Min	SEC. SETTINGS	PER DIV.	SEC. SETTINGS
1	177	0	12	4	100
				5	1
				1	1K

REMARKS:

PC











78-206

**LEXCO TESTING LTD. GAMMA-DENSITY-RESISTANCE**

700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA.

HOLE QU-18-206 SURVEYED DATA  
 LOCATION 52750 Lt SEC TP RGE W ELEV. 1123  
 AREA QUINSM LOC. 52750-206  
 PROVINCE B.C. **(2871)**

RUN No \_\_\_\_\_ DATE Jul 12, 1978  
 DEPTH - DRILLER 120'  
 DEPTH - LOGGER 119'  
 FLUID LEVEL 5 hr total  
 LOGGING TIME \_\_\_\_\_  
 DRILLED BY H. VINCIGIT  
 RECORDED BY D. DUNBAR  
 WITNESSED BY S. GOODALE

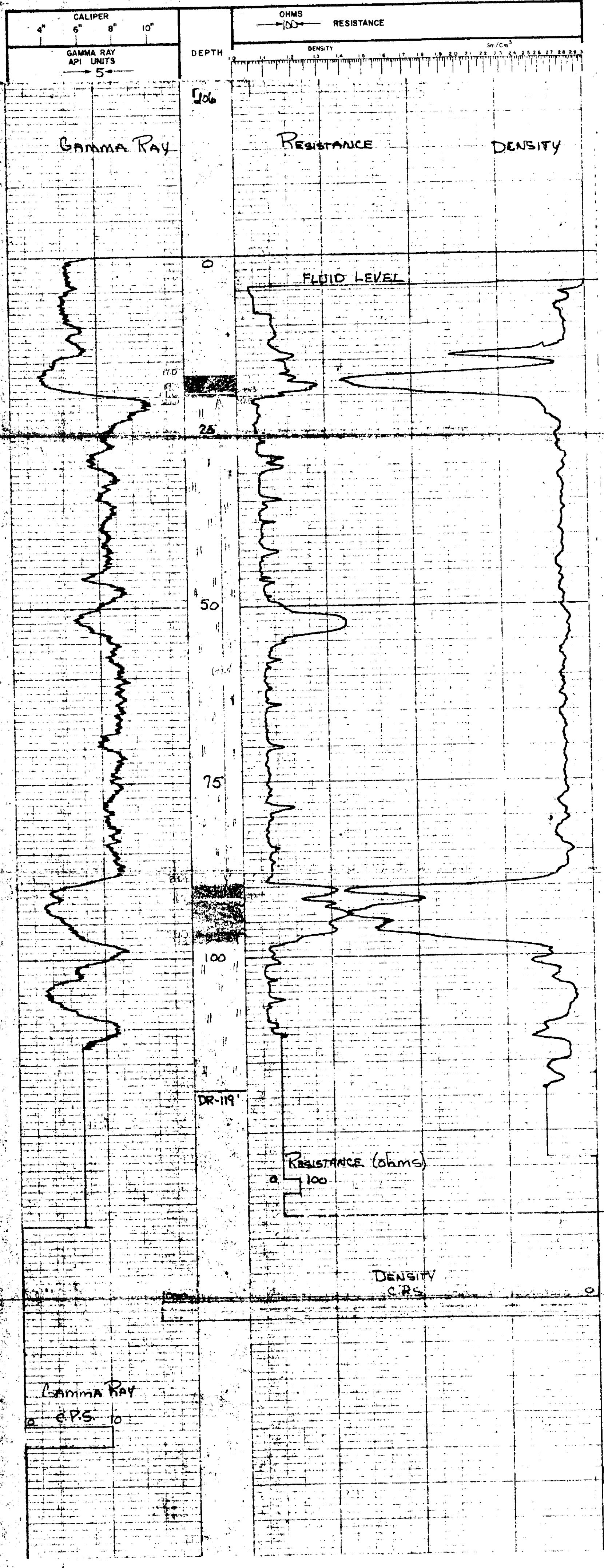
BIT \_\_\_\_\_ SIZE \_\_\_\_\_ FROM \_\_\_\_\_ TO \_\_\_\_\_  
 CASING RECORD  
 BIT \_\_\_\_\_ SIZE \_\_\_\_\_ FROM \_\_\_\_\_ TO \_\_\_\_\_  
 T.D. \_\_\_\_\_ SURF \_\_\_\_\_ 10'

EQUIPMENT DATA  
 GAMMA RAY TOOL MODEL No. L-103 RESISTANCE TOOL MODEL No. L-103 DENSITY TOOL MODEL No. L-103 CALIPER  
 DIAMETER 2 1/8" TYPE ME ME F  
 DETECTOR MODEL No. CP-516 SCINT 13"  
 TYPE \_\_\_\_\_ LENGTH \_\_\_\_\_  
 GENERAL TRUCK No. 2 HOR. SCALE 100 FT./DIV. HOVP \_\_\_\_\_  
 LOCATION Campanell ISOTOPE CS-137 SOURCE MODEL \_\_\_\_\_  
 STRENGTH 125 m.c.

GENERAL				GAMMA RAY				DENSITY			
RUN No	DEPTHS FROM	SPEED TO	T.C. SENS. PER DIV.	ZERO	API UNITS	T.C. SENS. PER DIV.	ZERO	API UNITS	T.C. SENS. PER DIV.	ZERO	API UNITS
1	119'	0	12	4	100	5	1	1	1	1	1

REMARKS

20





78-208 (C)

**LEXCO TESTING LTD. GAMMA-DENSITY - RESISTANCE**

700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA.

HOLE QU-18-208(C) SURVEYED DATA

LOCATION 42+20 7250 Lt SEC TP RGE W ELEV. \_\_\_\_\_

AREA Quinsam LOC. \_\_\_\_\_

PROVINCE B.C. (29) 71

DATE July 13, 1978

DEPTH-DRILLER 220' 217'

DEPTH-LOGGER 217'

FLUID LEVEL 75 hr. total

LOGGING TIME \_\_\_\_\_

DRILLED BY R. SELK

RECORDED BY B. DUNBAR

WITNESSED BY S. GARDNER

BORE-HOLE RECORD \_\_\_\_\_

BIT Surf TO \_\_\_\_\_

SIZE 7" FROM \_\_\_\_\_

TO Surf TO \_\_\_\_\_

EQUIPMENT DATA

GAMMA RAY TOOL MODEL No. L-103 RESISTANCE TOOL MODEL No. L-103 DENSITY TOOL MODEL No. L-103 CALIBER \_\_\_\_\_

DIAMETER 2 1/8" DIAMETER 2 1/8" DIAMETER 2 1/8"

DETECTOR MODEL No. CP-516 TYPE ME F 13"

TYPE SCINT SCINT SCINT

LENGTH 3' LENGTH \_\_\_\_\_

TRUCK No. 2 HOR. SCALE MODEL 100SLIDE

LOCATION Cambridge / River SOURCE MODEL \_\_\_\_\_

ISOTOPE CS-137 ISOTOPE \_\_\_\_\_

STRENGTH 125 m.c. STRENGTH \_\_\_\_\_

LOGGING DATA

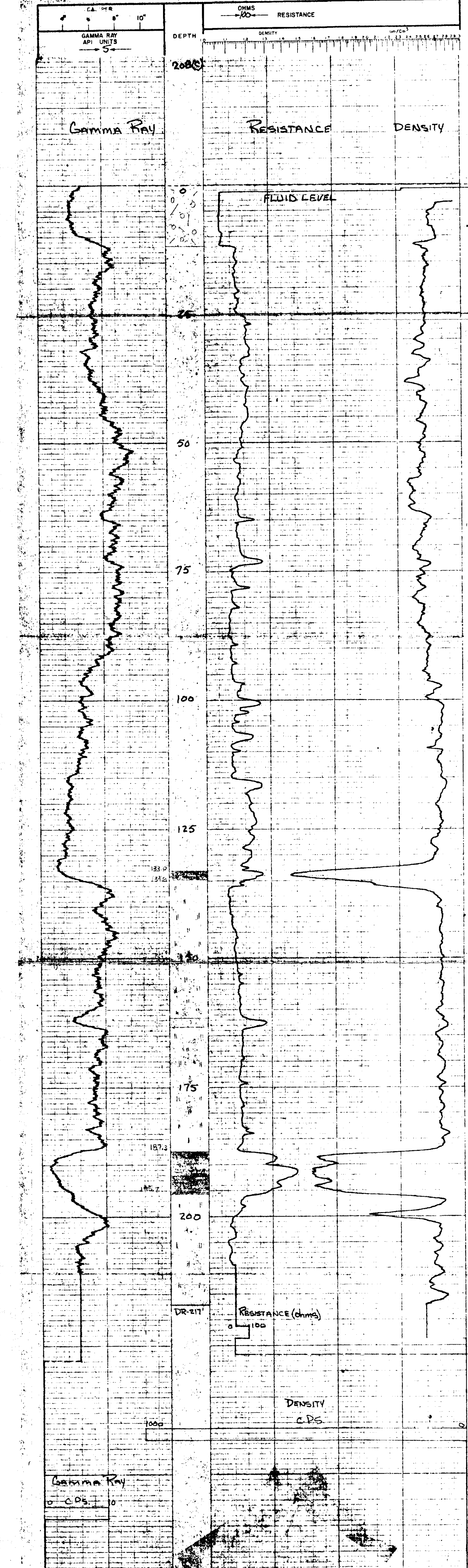
GENERAL

API UNITS PER DIV 5

T.C. SEC. SETTINGS 1K

REMARKS

PC



71-209

**LEXCO**

**TESTING LTD. GAMMA-DENSITY - RESISTANCE**

700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA

HOLE QU-78-209 SURVEYED DATA

LOCATION 40700 1350 ft SEC TP RGE W ELEV. 1053

AREA QUINSAM LOC. 5765-13164

PROVINCE BC

RUN NO. 2

DATE JUL 13 1978

DEPTH-DRILLER 283

DEPTH-LOGGER 283

FLUID LEVEL 30.3'

LOGGING TIME 1 hr 15 min

DRILLED BY K. D. DUBOIS

RECORDED BY D. DUBOIS

WITNESSED BY S. BRADY

BIT 50T TO TD

BORE-HOLE RECORD TD

EQUIPMENT DATA

GAMMA RAY

TOOL MODEL NO. L-103 TOOL MODEL NO. L-103 RESISTANCE DENSITY CALIPER

DIAMETER MODEL NO. 2 1/8" DIAMETER 2 1/8"

DETECTOR MODEL NO. CS-515 TYPE MC

TYPE SCINT SIZING 13"

LENGTH 3'

GENERAL

TRUCK No. 2 HOR. SCALE 100 ST/LIN

LOCATION CAMPBELL RIVER SOURCE MODEL HOVP

STRENGTH CS-137

LOGGING DATA

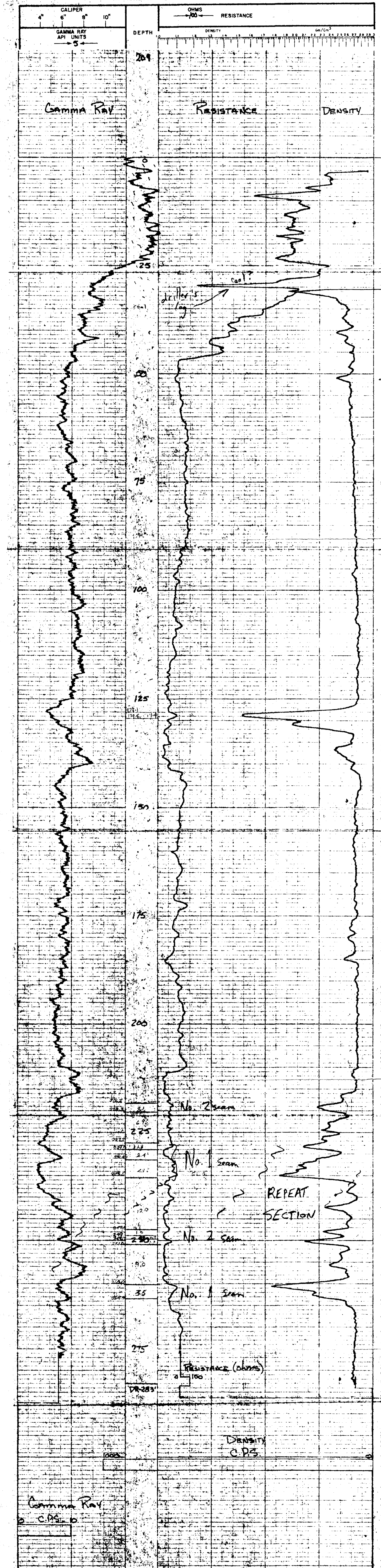
GENERAL

ROA FROM TO SPEED T.C. SENS. ZERO API UNITS T.C. SENS. ZERO

NO. 1 0 12 4 100 5 1 1K

REMARKS

PC





78-211

LEXCO TESTING LTD. GAMMA-DENSITY - RESISTANCE

700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA

HOLE QU-78-211 SURVEYED DATA

LOCATION 37+50 H SEC TP RGE W ELEV. 1194'

AREA QUINSMAN BC (111) 71 LOC. 31+28 8017 1/4

PROVINCE BC (111) 71

RUN NO. 2 DATE JUL 19 1978

DEPTH - DRILLER 200' 198'

DEPTH - LOGGER 235'

FLUID LEVEL .75 hr

LOGGING TIME H. VANETT

DRILLED BY R. DUNBAR

RECORDED BY R. KINGS

WITNESSED BY

BORE-HOLE RECORD

BIT 4 1/2" TO 5 1/2" CASING RECORD

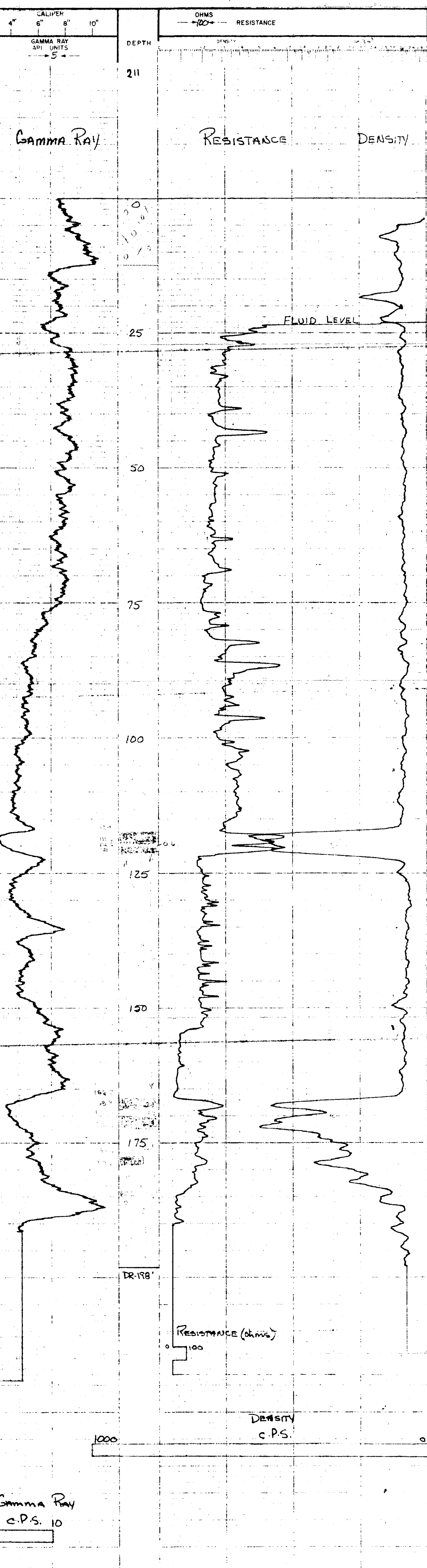
EQUIPMENT DATA

GAMMA RAY TOOL MODEL NO. L-103 RESISTANCE TOOL MODEL NO. L-103 DENSITY TOOL MODEL NO. L-103 CALIPER

DIAMETER 2 1/8" CP-516 DIAMETER 2 1/8" WE 2 1/8" F 13"

TRUCK No. 2 GAMPA BELL HOPE SCALE 100 LBS

PC



Gamma Ray

RESISTANCE

DENSITY

FLUID LEVEL

DEPTH

211

25

50

75

100

125

150

175

DR-198

Resistance (ohms)

DENSITY c.p.s.

Gamma Ray c.p.s. 10





78-213(C)

**LEXCO TESTING LTD. GAMMA-DENSITY - RESISTANCE**

700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA

HOLE QU-78-213 (C) SURVEYED DATA

LOCATION 41<sup>ST</sup> ST 47<sup>50</sup> FT SEC TP RGE W ELEV

AREA QUINSMAN LOC.

PROVINCE BC (213) 71

DATE JULY 15, 1978

DEPTH-DRILLER 198'

DEPTH-LOGGER 199'

FLUID LEVEL 59.5'

LOGGING TIME 5 hr

DRILLED BY R SELK

RECORDED BY R LUNBERG

WITNESSED BY K KANSER

BORE-HOLE RECORD

BIT 5 7/8" SUDT TO 7' SUDT TC 22'

EQUIPMENT DATA

GAMMA RAY TOOL MODEL NO. L-103 RESISTANCE TOOL MODEL NO. L-103 DENSITY TOOL MODEL NO. L-103 CALIBER

DIAMETER 2 1/8" DIAMETER 2 1/8"

DETECTOR MODEL NO. CP-515 TYPE MF

TYPE SCINT SCINT 3" SPRACING 13"

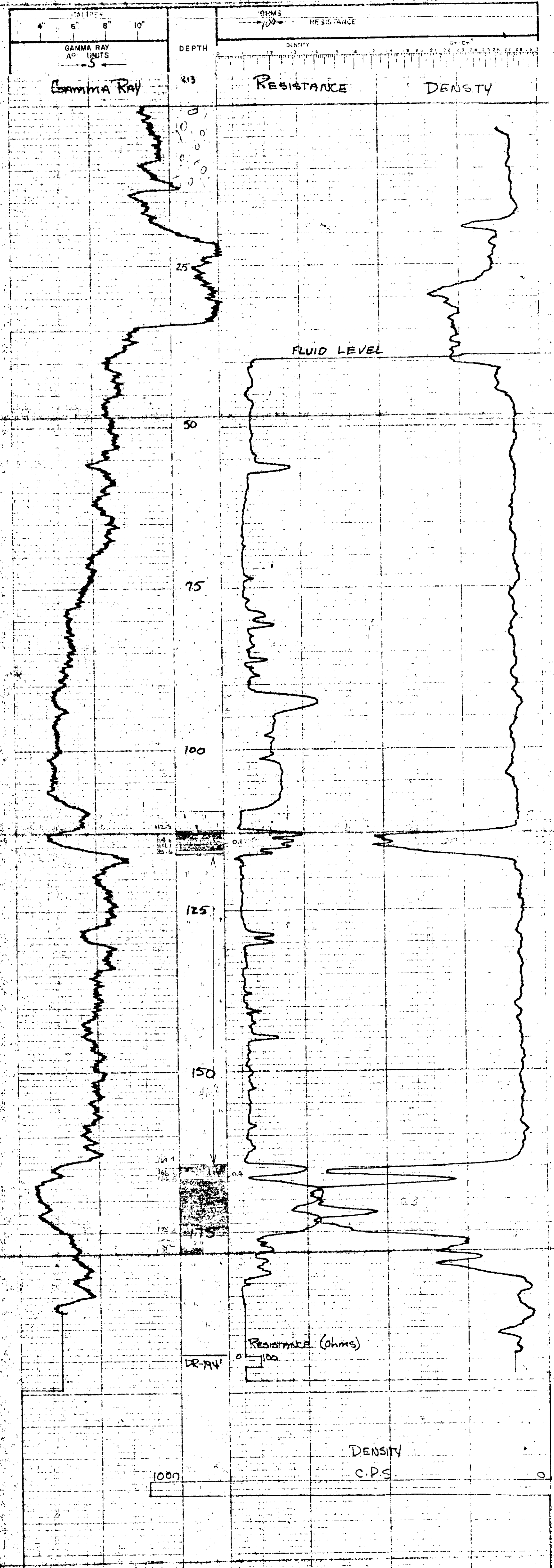
LENGTH 3" LENGTH 13"

TRUCK NO. 2 HORN SCALE 100.0/100 HOVRP CS-137

LOCATION Campbell River ISOTOPE CS-137 STRENGTH 125 n.c

GENERAL LOGGING DATA

REMARKS **PC**







8-218

**LEXCO TESTING LTD. GAMMA-DENSITY-RESISTANCE**

700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA.

HOLE **OJ-1B-218** SURVEYED DATA

LOCATION **7+50 W SEC 17 RGE 1139' W** ELEV. **1139'**

AREA **Quisquam** **BC (15) 71** LOC **17+58 4726' LT**

PROVINCE **BC**

DATE **July 21, 1978**

DEPTH-DRILLER **158'**

DEPTH-LOGGER **158'**

FLUID LEVEL **54' Total**

LOGGING TIME **1 1/2**

DRILLED BY **H. W. WATTS**

RECORDED BY **D. DOWNS**

WITNESSED BY **K. KAWAGUCHI**

BORE-HOLE RECORD

CASING RECORD

BIT

TYPE **Surf** TO **TD** SIZE **5 1/2"** SURF **14"**

GENERAL DATA

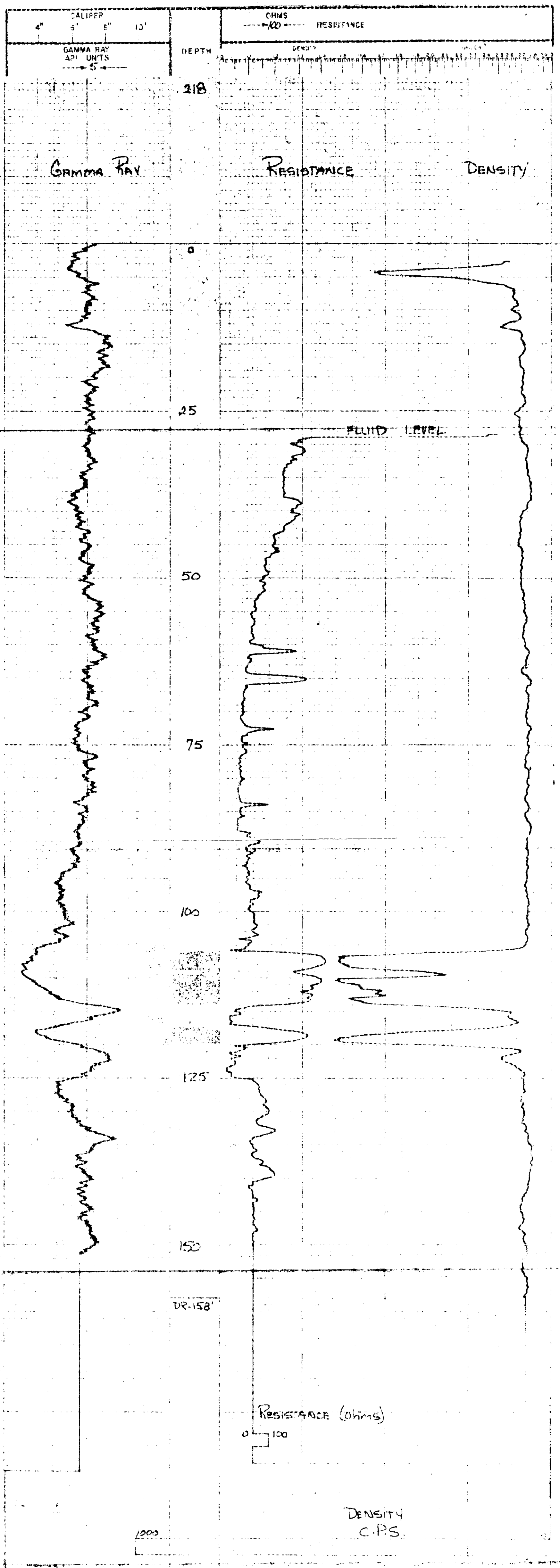
LOG NO. **2** HOLE NO. **100-114**

TRUCK No. **Camper-11** SOURCE MODEL **OS-137**

LOCATION **Quisquam** ISOTOPE **OS-137**

REMARKS:

PC



Gamma Ray  
C.P.S. 10

78-215 (e)

**LEXCO TESTING LTD. GAMMA-DENSITY - RESISTANCE**

700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA.

HOLE **QU-78-215(C)** SURVEYED DATA

LOCATION **42 T80 H SEC IP RGE W** ELEV.

AREA **QUINSAM** LOC.

PROVINCE **B.C.** **7116**

DATE **July 20, 1978**

DEPTH-DRILLER **145'**

DEPTH-LOGGER **145'**

LOGGING TIME **5 hr**

DRILLED BY **R. KUNDBERG**

WITNESSED BY **R. KUNDBERG**

BIT **5 7/8" SURF** T.D. **7"** SURF **10'**

EQUIPMENT DATA

GAMMA RAY TOOL MODEL No. **L-103** RESISTANCE TOOL MODEL No. **L-103** DENSITY TOOL MODEL No. **L-103** CALIPER

DIAMETER **2 1/8"** DIAMETER **2 1/8"**

DETECTOR MODEL No. **CP-516** ME **ME**

TYPE **SCINT** SPACING **15"**

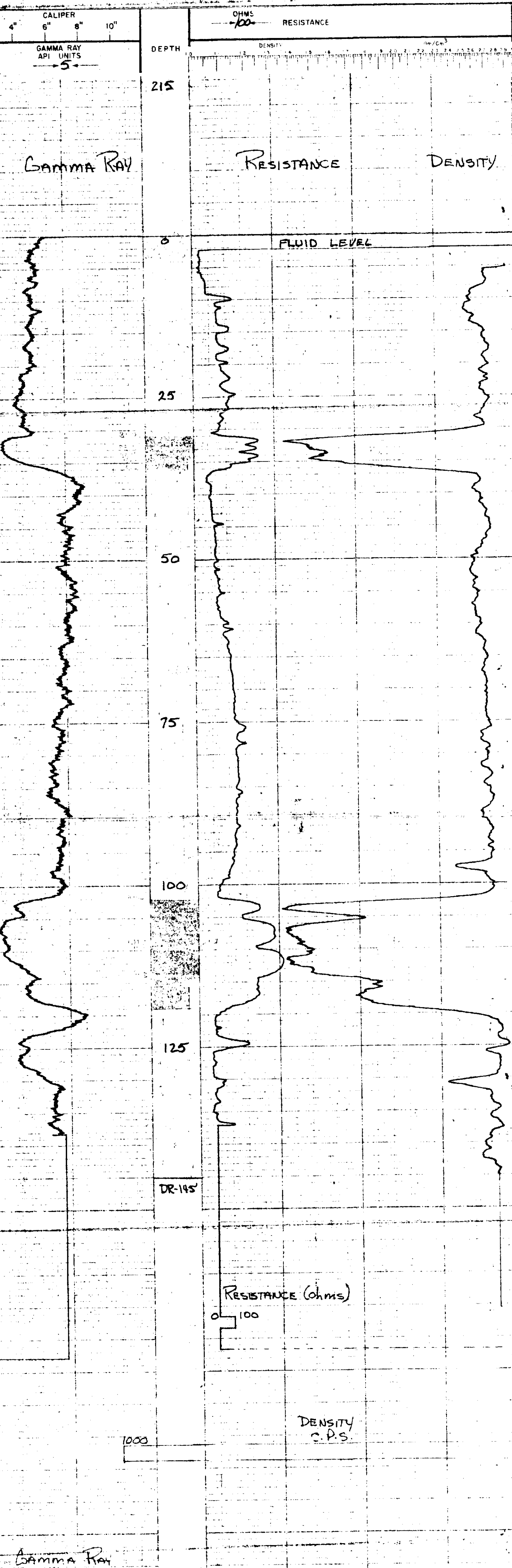
LENGTH **3"**

TRUCK No. **2** HOR SCALE **100 g/dial** HOVP

LOCATION **Camp 06611** ISOTOPE **CS-137**

STRENGTH **125 m.c.**

REMARKS: **PC**



Gamma Ray  
0 C.P.S.

78-216

**LEXCO TESTING LTD. GAMMA-DENSITY-RESISTANCE**

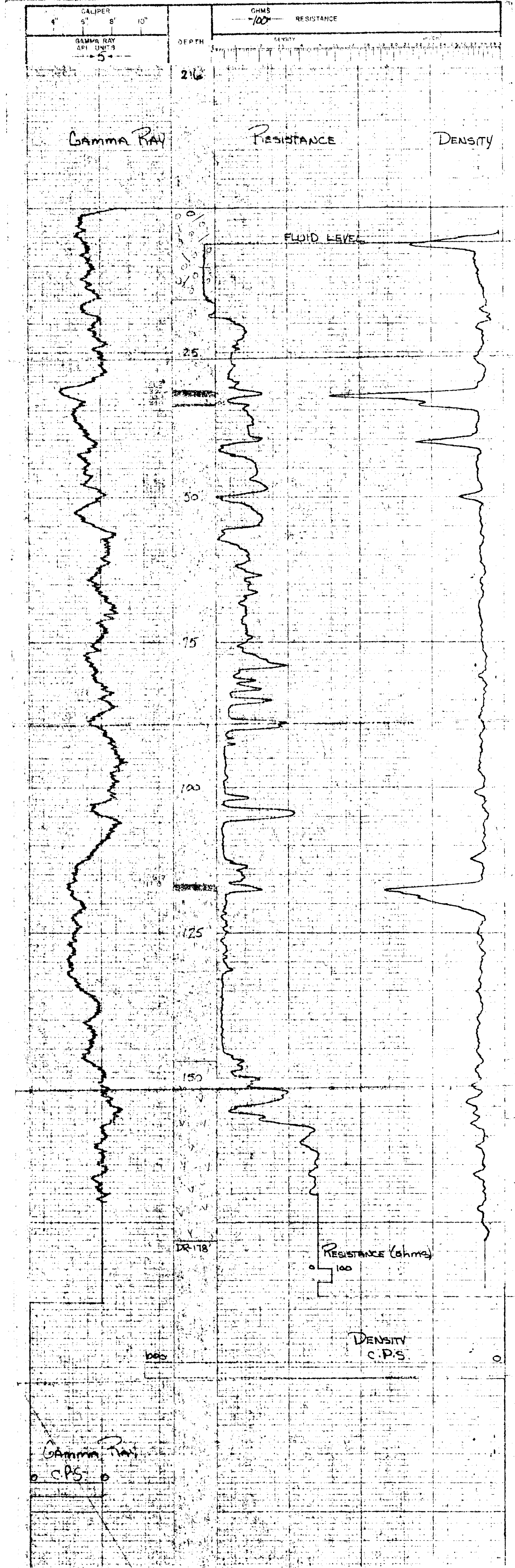
700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA

HOLE: **00-78-216** SURVEYED DATA  
 LOCATION: **4750 47 SEC TP RGE W** ELEV: **1097**  
 AREA: **Quinsam** LOC: **32145 4756 47**  
 PROVINCE: **B.C. (177)**

DATE: **July 20 1978**  
 DEPTH - DRILLER: **100**  
 DEPTH - LOGGER: **178**  
 LOGGING TIME: **5 hr. 10 min**  
 DRILLED BY: **H. KINCE**  
 RECORDED BY: **R. DUNBAR**  
 WITNESSED BY: **K. SANDS**

BIT: **4 1/2" SDR** EQUIPMENT: **TD** CASING RECORD: **5 1/2" SDR**  
 SORE-HOLE RECORD: **TD** TO: **20'**

GENERAL		GAMMA RAY		RESISTANCE		DENSITY	
TOOL MODEL NO.	L-103	TOOL MODEL NO.	L-103	RESISTANCE	OHMS	DENSITY	CGS
DIAMETER	2 1/8"	DIAMETER	2 1/8"	RESISTANCE	OHMS	DENSITY	CGS
DETECTOR MODEL NO.	CS-516	DETECTOR MODEL NO.	CS-516	RESISTANCE	OHMS	DENSITY	CGS
TYPE	SCINT	TYPE	SCINT	RESISTANCE	OHMS	DENSITY	CGS
LENGTH	3'	LENGTH	3'	RESISTANCE	OHMS	DENSITY	CGS
TRUCK No.	2	TRUCK No.	2	RESISTANCE	OHMS	DENSITY	CGS
LOCATION	Capwell RIVER	LOCATION	Capwell RIVER	RESISTANCE	OHMS	DENSITY	CGS
GENERAL	LOCAR DATA	GENERAL	LOCAR DATA	RESISTANCE	OHMS	DENSITY	CGS
NO.	1	NO.	1	RESISTANCE	OHMS	DENSITY	CGS
FROM	1787	FROM	1787	RESISTANCE	OHMS	DENSITY	CGS
TO	0	TO	0	RESISTANCE	OHMS	DENSITY	CGS
FC	4	FC	4	RESISTANCE	OHMS	DENSITY	CGS
SENS	IBD	SENS	IBD	RESISTANCE	OHMS	DENSITY	CGS
ZERO	5	ZERO	5	RESISTANCE	OHMS	DENSITY	CGS
API UNITS	1	API UNITS	1	RESISTANCE	OHMS	DENSITY	CGS
PER DIV	5	PER DIV	5	RESISTANCE	OHMS	DENSITY	CGS
SEC. SETTINGS	1	SEC. SETTINGS	1	RESISTANCE	OHMS	DENSITY	CGS
GENS	R	GENS	R	RESISTANCE	OHMS	DENSITY	CGS
ZERO		ZERO		RESISTANCE	OHMS	DENSITY	CGS



PC



78-217 (2)

**LEXCO TESTING LTD. GAMMA-DENSITY - RESISTANCE**

700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA.

HOLE QU-78-217 (2) SURVEYED DATA  
 LOCATION 32+50 525014 SEC TP RGE W ELEV. 111  
 AREA QUINSPRM LOC. 11871  
 PROVINCE B.C.

RUN No. 2  
 DATE July 21, 1978  
 DEPTH - DRILLER 75'  
 DEPTH - LOGGER 75'  
 FLUID LEVEL 42'  
 LOGGING TIME 5 hr  
 DRILLED BY R. Salk  
 RECORDED BY R. Dumbak  
 WITNESSED BY R. Rossignol

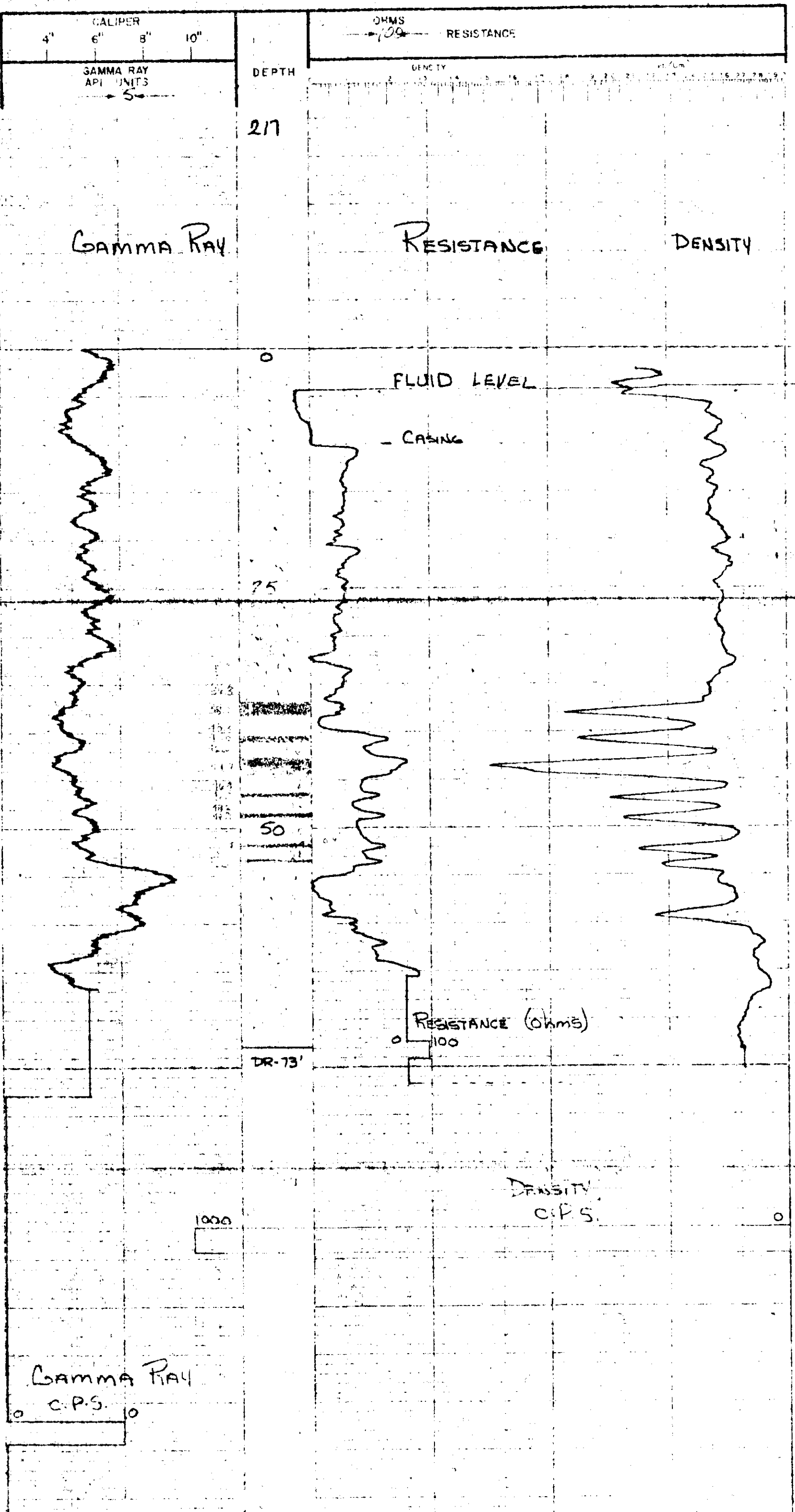
BORE-HOLE RECORD  
 BIT 5 5/8" FROM surf TO T.D. SIZE 7" FROM surf TO 10'

EQUIPMENT DATA  
 GAMMA RAY TOOL MODEL No. L-103 RESISTANCE TOOL MODEL No. L-103 DENSITY TOOL MODEL No. L-102 CALIPER  
 DIAMETER 2 1/8" DETECTOR MODEL No. CP-576 CP-576 TYPE MC TYPE F SCINT 15"  
 LENGTH 3" LENGTH 1" HOP SCALE 100 QLD SOURCE MODEL CS-137 ISO TOPE 125 #2  
 TRUCK No. 2 LOCATION Campbell River LOGGING DATA

GENERAL	SPEED		T.C. SENS.		GAMMA RAY		API UNITS		T.C. SENS.		DENSITY	
RUN No.	FROM	TO	F/Min	SEC	SETTING	ZEPC	PER DIV	SEC	SETTING	SEN.	SETTING	ZEPC
<u>1</u>	<u>73'</u>	<u>0</u>	<u>12</u>	<u>4</u>	<u>100</u>	<u>5</u>	<u>1</u>	<u>1</u>	<u>1</u>	<u>1</u>	<u>1</u>	<u>1</u>

REMARKS

PC



K-219

**LEXCO TESTING LTD. GAMMA-DENSITY - RESISTANCE**

7000 ROYAL TRUST TOWER, COMPTON CENTER, EDMONTON, ALBERTA

HOLE: **QU-18-219** SURVEYED DATA  
 LOCATION: **17+50 SEC TP RGE W** ELEV. **1134'**  
 AREA: **QUINSAM** LOC.  
 PROVINCE: **BC (L19) 71** 1720 4276' LT.

DATE: **July 21, 1978**  
 DEPTH - DRILLER: **240'**  
 DEPTH - LOGGER: **238'**  
 FLUID LEVEL: **75 h. T.D.E.**  
 LOGGING TIME: **11:55**  
 DRILLED BY: **H. HICKETT**  
 REPORTED BY: **R. JOHNSON**  
 WITNESSED BY: **R. JOHNSON**

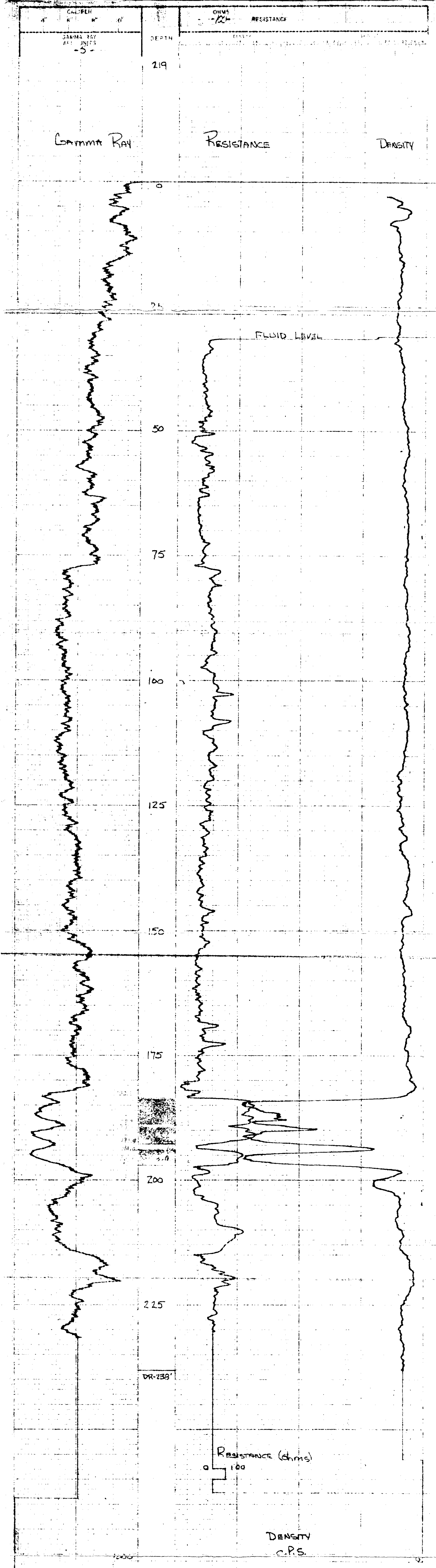
BORE-HOLE RECORD  
 BIT: **4 1/2" SUF** ID: **3 3/4" SUF** IS: **10"**

GAMMA RAY  
 MODEL NO. **2** F. V. **100R/400**  
 DIAMETER: **2 1/2"** E. **100**  
 DETECTOR MODEL NO. **20-516** S. **100**  
 TYPE: **SCINT** S. **100**

GENERAL  
 TRUCK No. **2** M. **100R/400**  
 LOCATION: **Compass 1** S. **100**

Run No.	GENERAL	SETTING	TO	FROM	SEC	SETTING	SEC	SETTING	SEC	SETTING	SEC	SETTING
1	238	C	12	4	100	5	1	100	1	100	1	100

PC



Gamma Ray  
 0 C.P.S. 10

78-220

LEXCO TESTING LTD. GAMMA-DENSITY-RESISTANCE

700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA.

HOLE QU-78-220 SURVEYED DATA  
LOCATION 32750 9560 L SEC TP RGE W ELEV. 1087'  
AREA QUINSARM BC L 20 71 LOC. 32453-44651  
PROVINCE

RUN No. 2  
DATE JULY 23, 1978  
DEPTH-DRILLER 125'  
DEPTH-LOGGER 121'  
FLUID LEVEL 15'  
LOGGING TIME 5 hr. Total  
DRILLED BY K. SEUK  
RECORDED BY R. DUNBAR  
WITNESSED BY R. SANDS

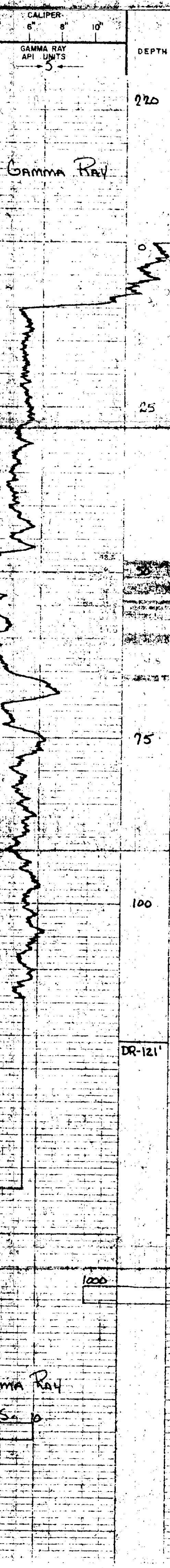
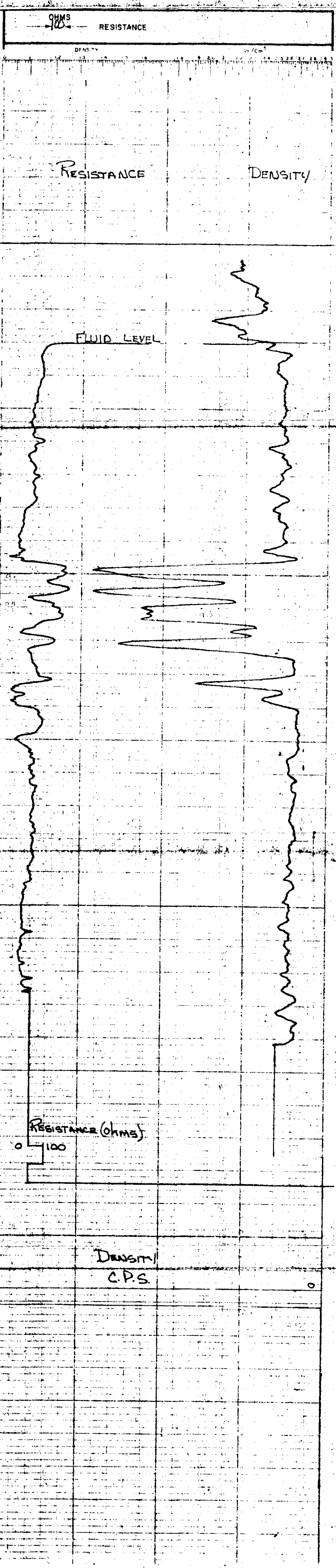
BORE-HOLE RECORD  
BIT 5 5/8" FROM TO  
CASE RECORD  
SIZE 7" FROM TO  
FROM TO

EQUIPMENT DATA  
GAMMA RAY TOOL MODEL No. L-103 RESISTANCE TOOL MODEL No. L-103 DENSITY TOOL MODEL No. L-103 CALIPER  
DIAMETER 2 1/8" DETECTOR MODEL No. GP-516 TYPE F ME 13"  
SCINT SCINT LENGTH  
GENERAL TRUCK No. 2 HOOP FORCE MODEL 10052117  
LOCATION CAMPBELL RIVER CS-137  
STRENGTH 125 MC

GENERAL DATA

GENERAL	DEPTH	TIME	API UNITS	T.C.	DENSITY
1	121	0	12	4	100
2	121	0	12	4	100

REMARKS: PC



CALIPER 6" 8" 10"  
GAMMA RAY API UNITS 5  
DEPTH 220  
Gamma Ray  
RESISTANCE  
DENSITY  
FLUID LEVEL  
DR-121'  
RESISTANCE (ohms)  
DENSITY C.P.S.



78-221

LEXCO TESTING LTD. GAMMA-DENSITY - RESISTANCE

7000 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA

HOLE QJ-78-221 SURVEYED DATA  
LOCATION 5250 4<sup>th</sup> SEC TP RGE W ELEV. 1178'  
AREA QUNSRM (221) 71 LOC.  
PROVINCE B.C. (221) 71 1751 5218' 41.

RUN NO. 2  
DATE July 22, 1978  
DEPTH - DRILLER 1178'  
DEPTH - LOGGER 117'  
FLUID LEVEL 50'  
LOGGING TIME 5 1/2 Hrs  
DRILLED BY H. VINCEY  
RECORDED BY P. DUNBAR  
WITNESSED BY R. ROYNSDALE

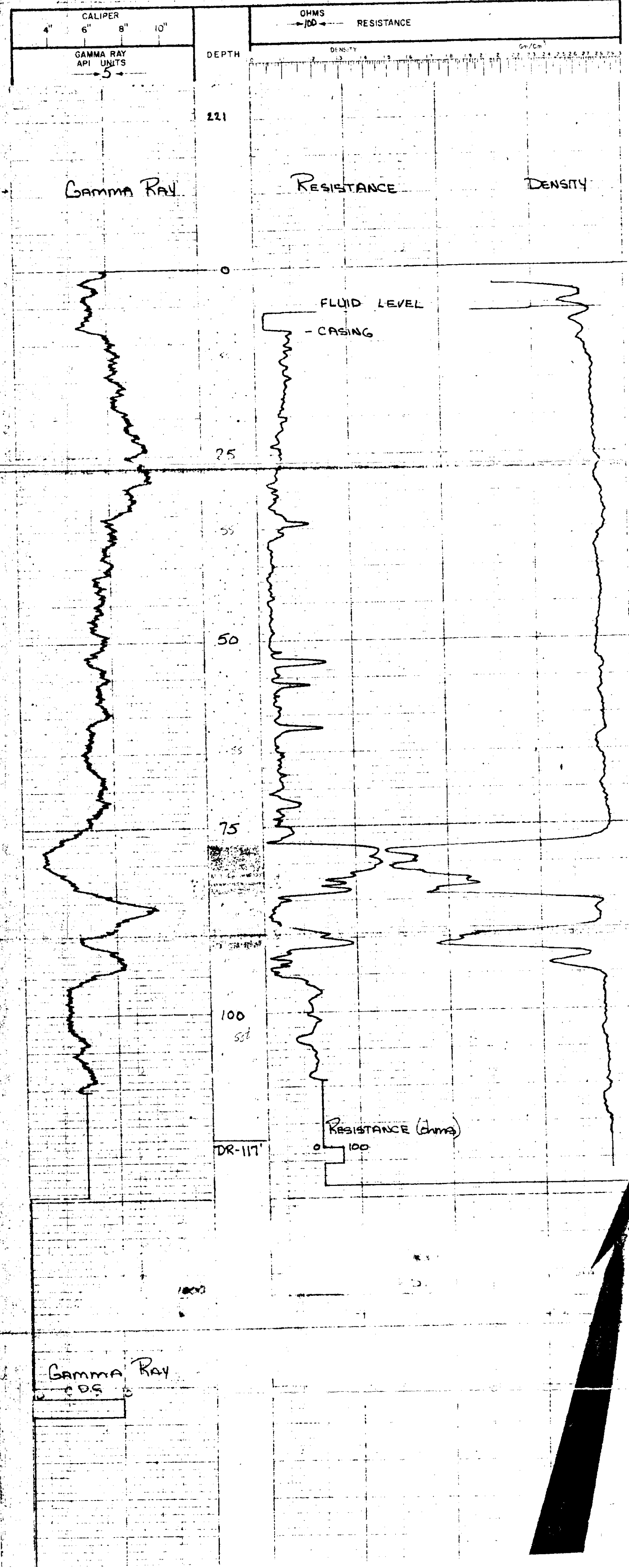
BIT 4 1/2" SURF TO T.D. 5 1/2" SURF TO 10'  
BORE-HOLE RECORD TO SIZE FROM TO CASING RECORD TO TO  
EQUIPMENT DATA

GAMMA RAY  
TOOL MODEL No. L-103  
DIAMETER 2 1/8"  
DETECTOR MODEL No. CF-316  
TYPE SCINT  
LENGTH 3"  
GENERAL  
TRUCK No. 2  
LOCATION CHADPABELL RIVER  
LOGGING DATA

GENERAL				GAMMA RAY				DENSITY				
RUN No	DEPTHS FROM TO	SPEED F/Min	T.C. SEC	SENS. ZERO	API UNITS PER DIV.	T.C. SEC	SENS. ZERO	T.C. SEC	SENS. ZERO	API UNITS PER DIV.	T.C. SEC	SENS. ZERO
1	117	0	12	4	100	5	1	1	1	1	1	1

REMARKS

PC



78-222

LEXCO TESTING LTD. GAMMA-DENSITY - RESISTANCE

700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA

HOLE QJ-18-222 SURVEYED DATA

LOCATION 17+50 Lt SEC TP. RGE. W ELEV 1110'

AREA QUINSBAM LOC.

PROVINCE B.C. 2271 1730 4020' H.

DATE July 24, 1978

DEPTH-DRILLER 420'

DEPTH-LOSSER 418'

FLUID LEVEL 12'

LOGGING TIME 1 1/2'

RECORDED BY H. LINCOLN

INTERESTED BY P. DUNBAR

BORE-HOLE RECORD

SIZE 5 1/2" T.D. 512' SOFT 10'

RESISTANCE DENSITY

DIAMETER 2 1/8" DIAMETER 2 1/8" TYP

TYPE OF BIT

SCHEMATIC

LENGTH

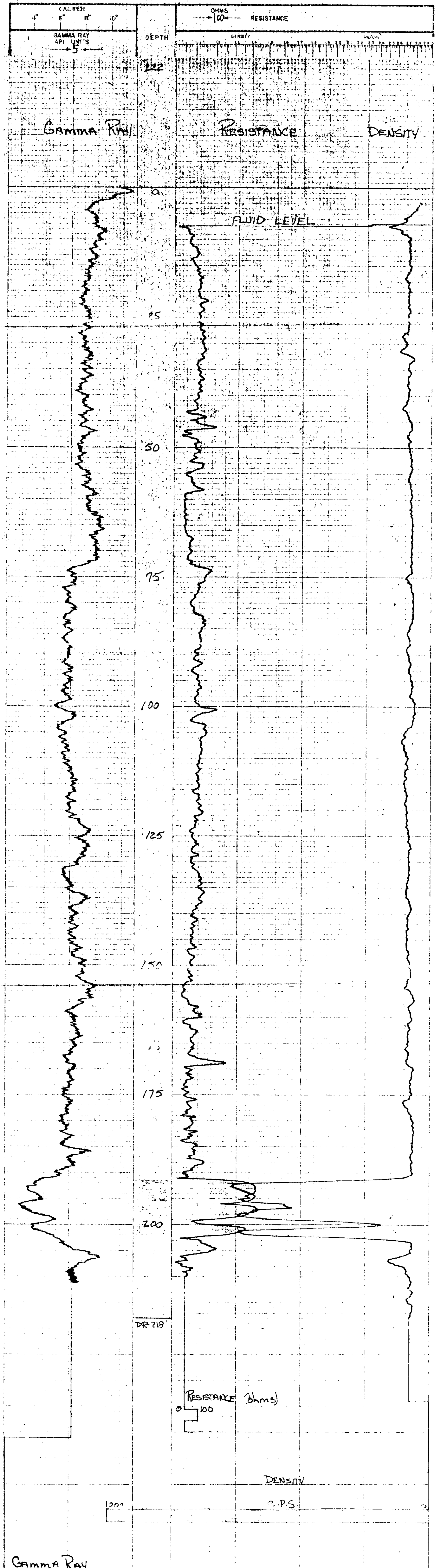
GENERAL

LOGGING

GENERAL

REMARKS

PC



GAMMA RAY

78-223

**LEXCO TESTING LTD. GAMMA-DENSITY - RESISTANCE**

700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA

HOLE QU-78-223 SURVEYED DATA

LOCATION 32+50 5500 ft SEC TP RGE W ELEV 1171'

AREA QUINSARM LOC

PROVINCE B.C. 22371 32+46 5500' Lt.

RUN No. DATE July 22, 1978

DEPTH - DRILLER 120' 120'

DEPTH - LOGGER 120' 120'

FLUID LEVEL 55' 1010'

LOGGING TIME 21.5'

DRILLED BY R. SELL

RECORDED BY P. DUNBAR

WITNESSED BY P. ROSSIGNOL

BORE-HOLE RECORD BIT FROM TO SIZE FF.V. CASING RECORD TO

5 5/8" SURF T.D. 71' SURF 71'

EQUIPMENT DATA

GAMMA RAY TOOL MODEL No. L-103 RESISTANCE TOOL MODEL No. L-103 DENSITY TOOL MODEL No. L-103 CALIPER

DIAMETER 2 1/8" DIAMETER 2 1/8" ME 2 1/8"

DETECTOR MODEL No. CR-516 TYPE ME 13"

TYPE SPACING LENGTH

GENERAL TRUCK No. 2 HOPE SCALE 100 SLDR

LOCATION CARP BEL ISOTOPE CS-137 HOPE

GENERAL RIVER STRENGTH 120 mC

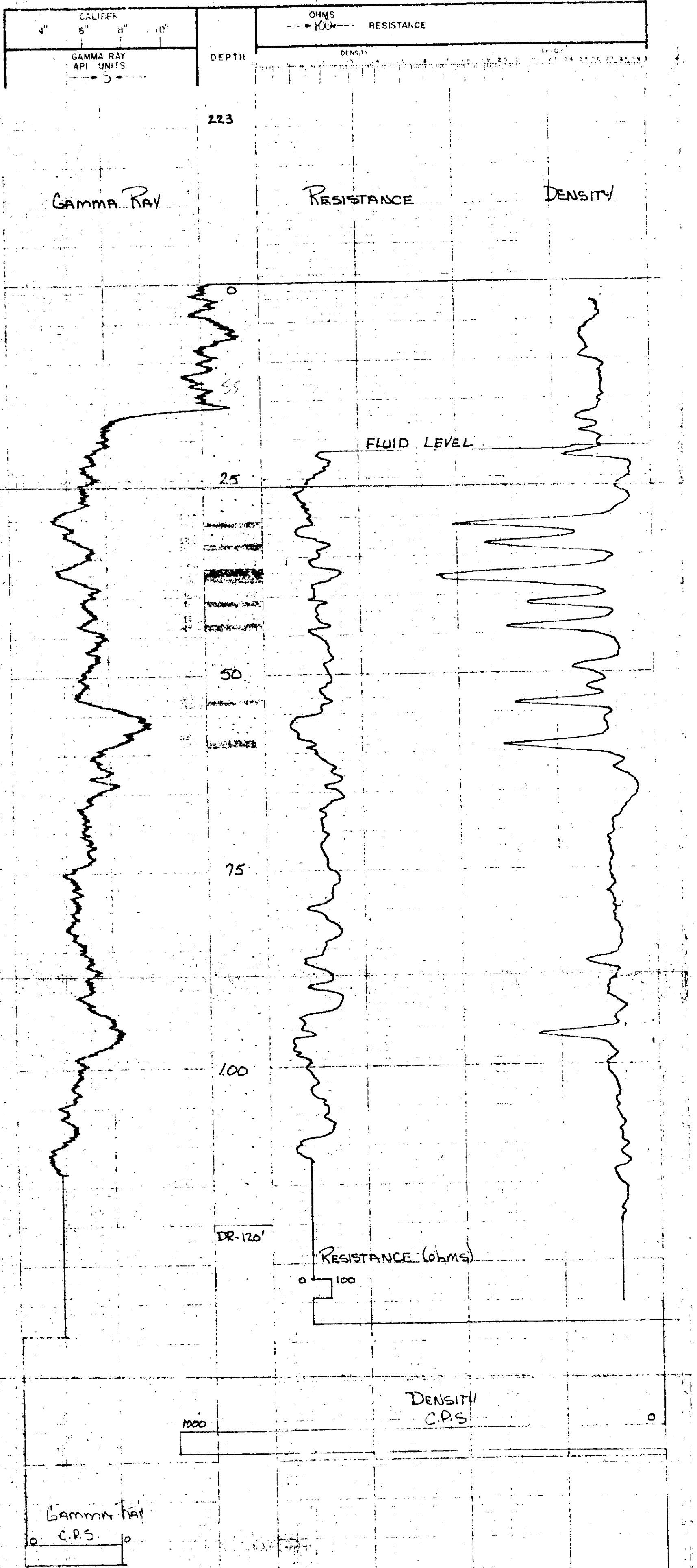
LOGGING DATA

GENERAL RUN No. DEPTH FROM TO SPEED T.C. SENS. ZERO API UNITS T.C. SENS. ZERO

1 120' 0' 12' 4' 100' 5' 1' 1K

REMARKS

PC







7-78-225

**LEXCO TESTING LTD. GAMMA-DENSITY - RESISTANCE**

700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA.

HOLE **QU-78-225** SURVEYED DATA

LOCATION **4150 L SEC TP RGE W** ELEV. **1123'**

AREA **QUINSAM** LOC. **24.76 4111' Lt**

PROVINCE **B.C. (225-71)**

DATE **JULY 23, 1978**

DEPTH-DRILLER **120' 118'**

FLUID LEVEL **118'**

LOGGING TIME **5:45 Total**

DRILLED BY **H. W. FLETCHER**

RECORDED BY **D. J. QUINSAM**

WITNESSED BY **K. QUINSAM**

BORE-HOLE RECORD

BIT **4 1/2" SOFT** TO **TD** SIZE **5 1/2"** FROM **SURF** TO **10'**

EQUIPMENT DATA

GAMMA RAY TOOL MODEL No. **L-103** TOOL MODEL No. **L-103** RESISTANCE DENSITY CALIPER

DIAMETER **2 1/8"** DIAMETER **2 1/8"** TYPE **M** ME **2 1/8"** F

DETECTOR MODEL No. **CP-516** SCINT **13"**

GENERAL TRUCK No. **1** CAMPBELL RIVER LOGGING DATA

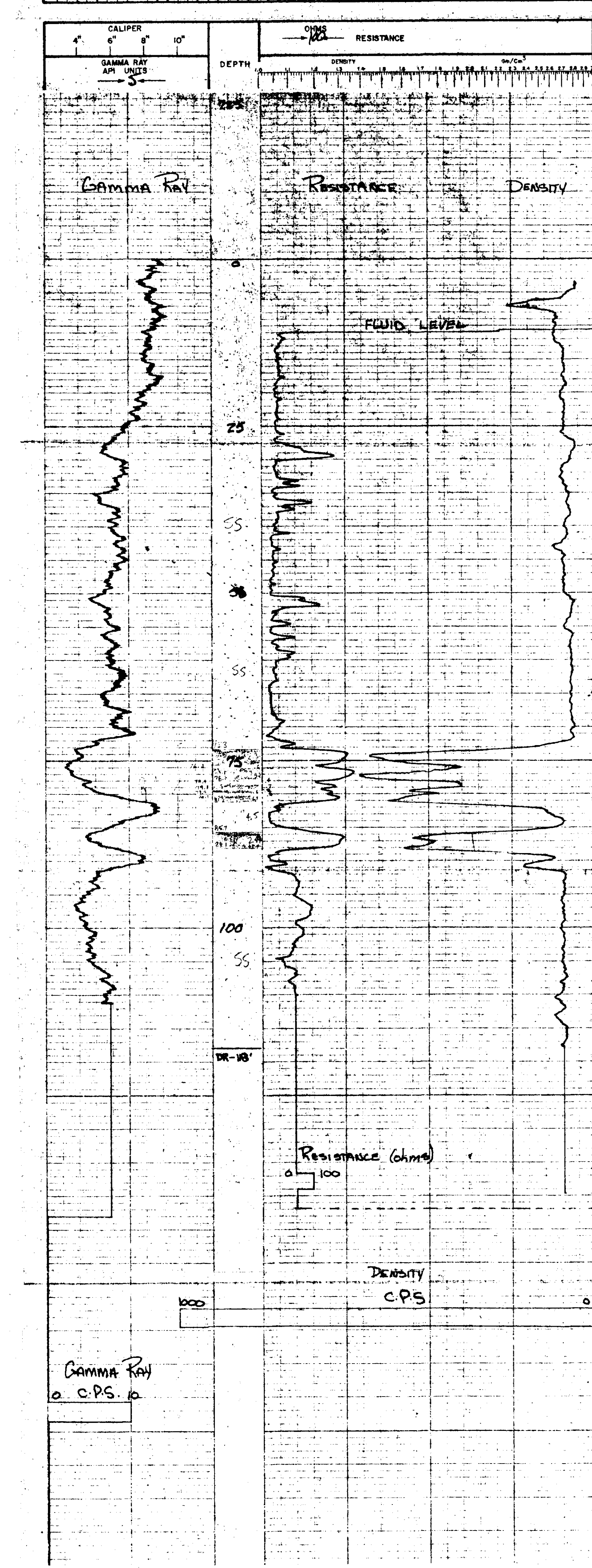
GENERAL DEPTHS SPEED T.C. SENS. ZERO API UNITS T.C. SENS. ZERO

NO. FROM TO F./min SEC. SETTING PER DIV. SEC. SETTINGS

1 118' 0 1/2 4 100 5 1 1K

REMARKS:

DC









78-228 (C)

**LEXCO TESTING LTD. GAMMA-DENSITY - RESISTANCE**

700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA

HOLE QU-78-228(C) SURVEYED DATA  
 LOCATION 5000 ft SEC TP RGE W ELEV. 1163  
 AREA QUINSMAN LOC. 17+49 4968' ft.  
 PROVINCE BC (28) 71

DATE JULY 24, 1978  
 DEPTH - ORILLER 126'  
 DEPTH - LOGGER 126'  
 FLUID LEVEL 54' (26')  
 LOGGING TIME 5 hr  
 DRILLED BY D. DUNBAR  
 RECORDED BY S. GARDNER  
 WITNESSED BY S. GARDNER

BIT 5 1/2" SAIF TO TD SIZE 7" FROM SAIF TO 12'  
 CASING RECORD

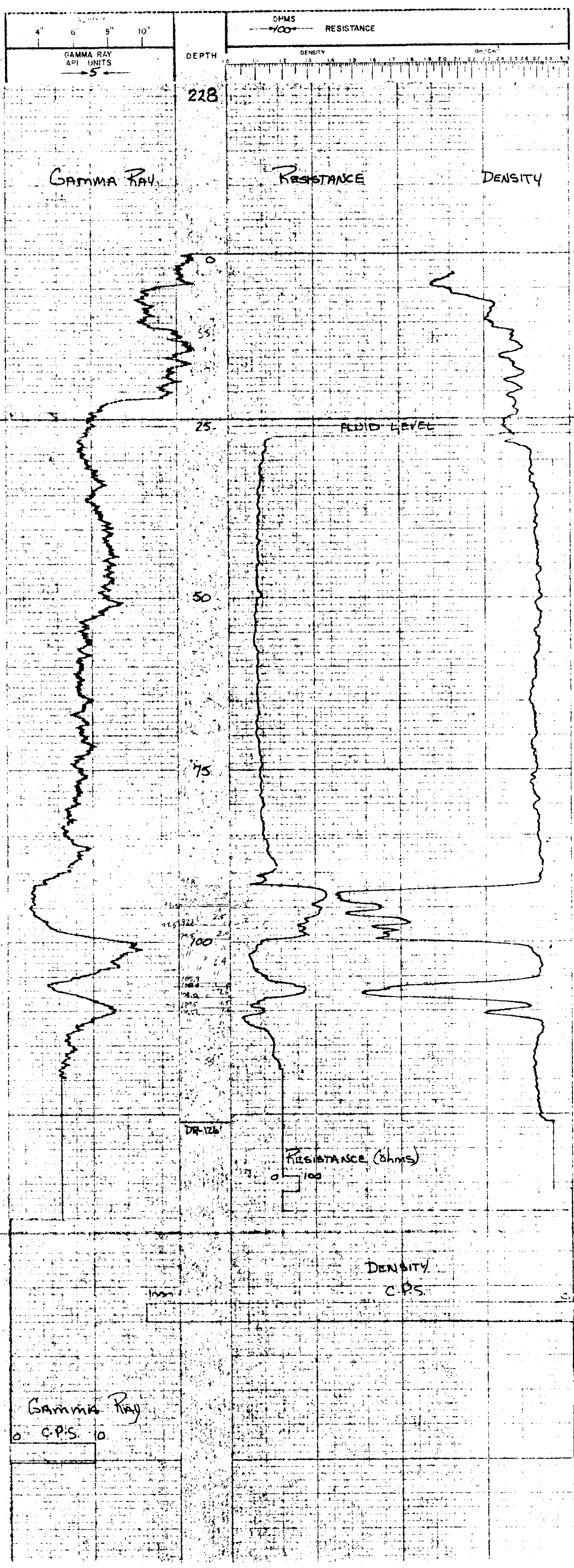
EQUIPMENT DATA  
 GAMMA RAY TOOL MODEL No. L-103 TOOL MODEL No. L-103 RESISTANCE DENSITY CALIBER  
 DIAMETER 2 1/8" DIAMETER 2 1/8" TYPE ME F 2 1/8"  
 DETECTOR MODEL No. CP-516 SCINT SCINT LENGTH 13"  
 TYPE SCINT SPRING 13"  
 LENGTH 3"

GENERAL LOGGING DATA  
 TRUCK No. 2 Campbell HOVP 100-2411V  
 LOCATION Campbell ISOPE CS-137  
 STRENGTH 125 m.c.

REMARKS:

DEPTH	API UNITS	PER DIV	SEC	SETTING	SENS	ZEPQ	API UNITS	PER DIV	SEC	SETTING	SENS	ZEPQ
1	126	0	12	4	100	5	1	1	1	1	1	1

PC



78-229

**LEXCO TESTING LTD. GAMMA-DENSITY - RESISTANCE**

700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA

HOLE QU-78-229 SURVEYED DATA  
 LOCATION 3750 14 SEC TP RGE W ELEV. 1106'  
 AREA QUINSRM LOC 3254T  
 PROVINCE BC 22971 463544

DATE JULY 25 1978  
 DEPTH-DRILLER 220'  
 DEPTH-LOGGER 218'  
 FLUID LEVEL 11' 15 hr. 1061  
 LOGGING TIME  
 DELETED BY H. KACIAT  
 RECORDED BY D. COOPER  
 WITNESSED BY S. GARDNER

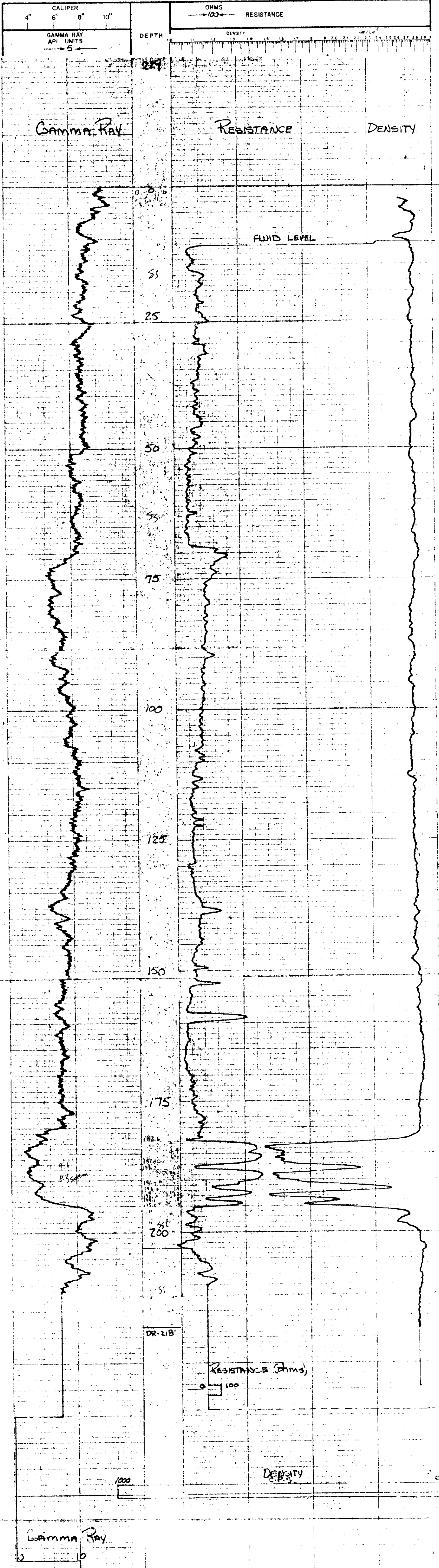
BIT 4 1/2" SURF CASING RECORD  
 BORE HOLE RECORD FROM TO  
 SIZE FROM TO  
5 1/2" SURF 10'

EQUIPMENT DATA  
 GAMMA RAY TOOL MODEL No. L-103 RESISTANCE DENSITY CALIPER  
 DIAMETER 2 1/8" 2 1/8" 2 1/8"  
 DETECTOR MODEL No. GP-516 TYPE ME F 13"

GENERAL LOGGING DATA  
 TRACK No. 2 HOR. SCALE MODEL 100 SLDV HOVP  
 LOCATION CAMPBELL ROTORE CS-137  
 STRENGTH RIVER LOGGING DATA 125 m.c.

GEN. RA. DEPTH	SPEED	T.C.	SENS.	ZERO	API UNITS	T.C.	SENS.	ZERO
1	218	5	12	4	100	5	1	1K

REMARKS  
**PC**





78-230

**LEXCO TESTING LTD. GAMMA-DENSITY - RESISTANCE**

700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA

HOLE QU-18-230 SURVEYED DATA

LOCATION 5250 4<sup>th</sup> SEC TP RGE W ELEV.

AREA QUINSRM **71** LOC (29a)

PROVINCE B.C.

DATE JULY 25, 1978

DEPTH-DRILLER 182'

DEPTH-LOGGER 191'

FLUID LEVEL Full

LOGGING TIME 5 hr total

DRILLED BY R. SELK

RECORDED BY D. QUINSRM

WITNESSED BY S. GARDNER

BIT 6" FROM SURF TO 10' SIZE 7" FROM SURF TO 7'

EQUIPMENT DATA

GAMMA RAY TOOL MODEL No. L-103 RESISTANCE TOOL MODEL No. L-103 DENSITY TOOL MODEL No. L-103 CALIBER

DIAMETER 2 1/8" DETECTOR MODEL No. CP-516 ME 2 1/8" F 2 1/8"

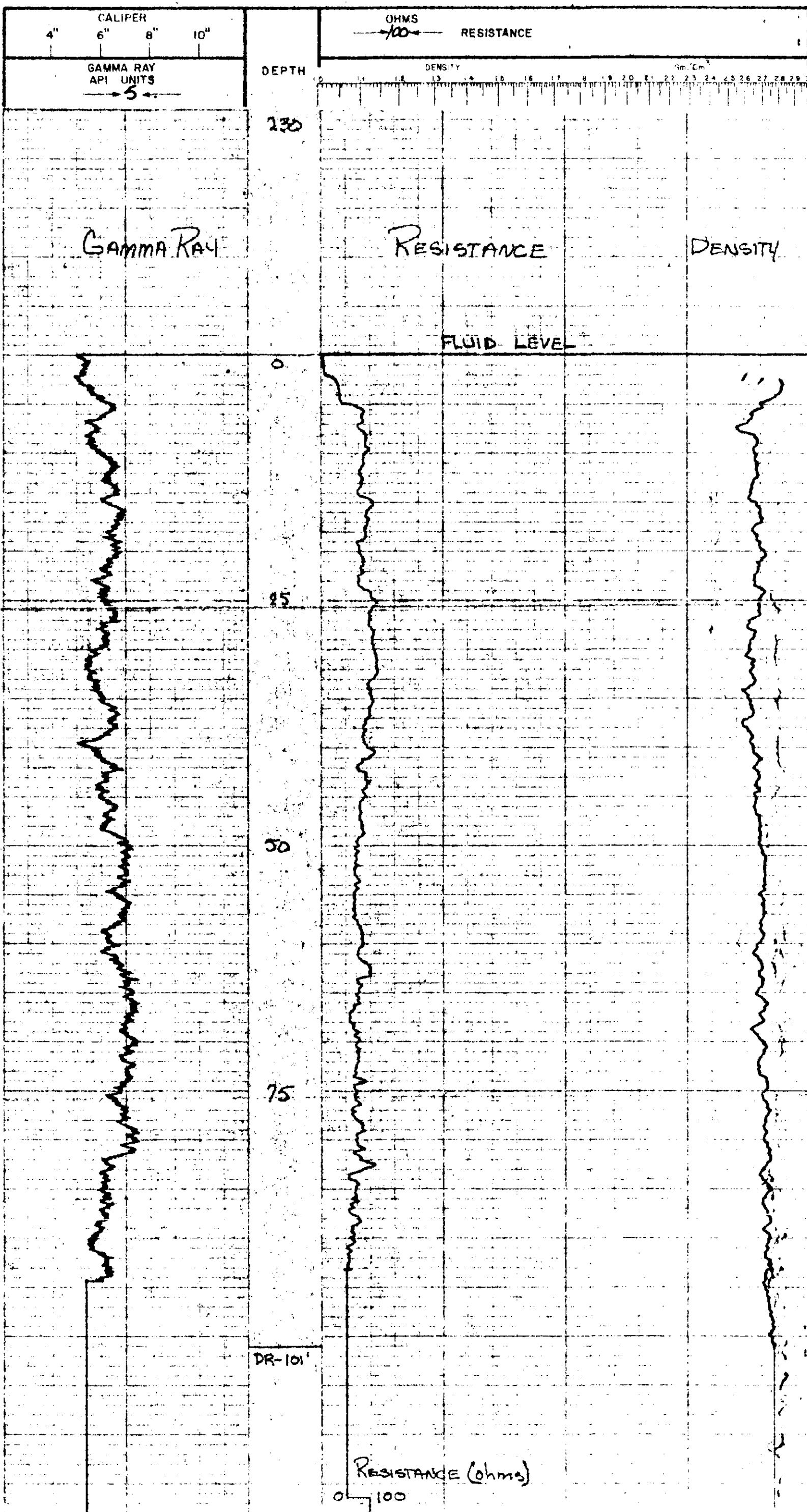
TYPE SCINT SPRACING 13" LENGTH 3"

TRUCK No. 2 HOV SCALE 100 CALIB SOURCE MODEL CS-137 ISO TOPE 125 m.c.

LOCATION CAMPBELL RIVER LOGGING DATA

GENERAL				GAMMA RAY				DENSITY			
RUN No.	DEPTHS	SPEED FV/min	T.C. SEC. SETTING	SENS. ZERO	API UNITS PER DIV	T.C. SEC. SETTING	SENS. ZERO	SENS. ZERO	API UNITS PER DIV	T.C. SEC. SETTING	SENS. ZERO
1	101'	0	1/2	4	100	5	1	1K			

PC



78-194

**LEXCO TESTING LTD. GAMMA-DENSITY - RESISTANCE**

700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA.

HOLE QU-78-194 SURVEYED DATA

LOCATION 9000 LF SEC TP RGE W ELEV

AREA QUINSMAM B.C. (23071) LOC.

PROVINCE B.C.

DATE July 9, 1978

DEPTH-DRILLER 100' 99'

DEPTH-LOGGER 11'

FLUID LEVEL

LOGGING TIME

DRILLED BY H. JAKET

RECORDED BY D. DUNBAR

WITNESSED BY S. GARDNER

BORE-HOLE RECORD

BIT 4 1/2" SURF T.D. 5 1/2" SURF 10'

EQUIPMENT DATA

GAMMA RAY TOOL MODEL No. L-103 RESISTANCE TOOL MODEL No. L-103 DENSITY TOOL MODEL No. L-103 CALIPER

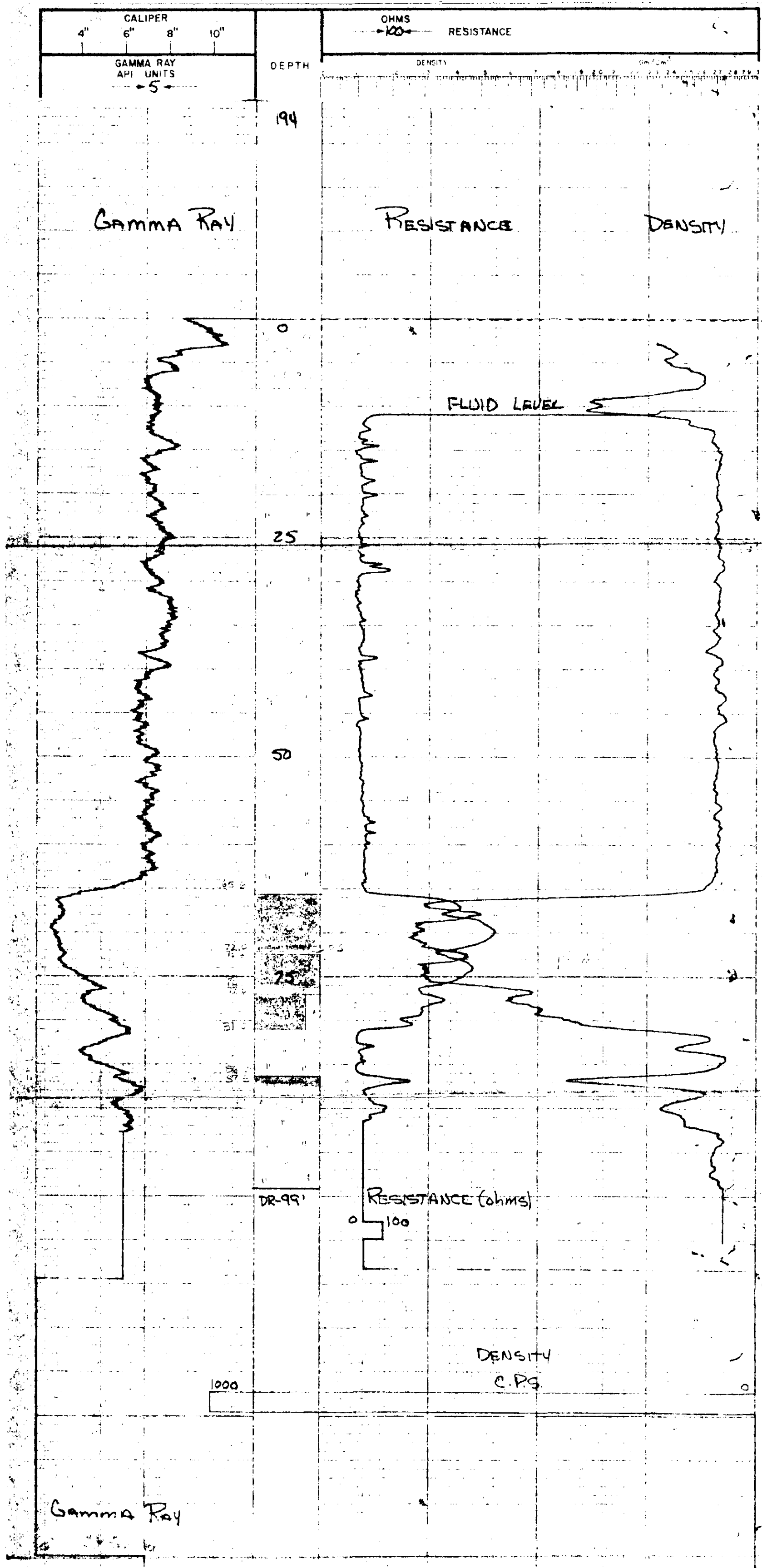
DIAMETER 2 1/8" DETECTOR MODEL No. CP-516 TYPE ME F SCINT 13"

LENGTH 3' HOR. SCALE 100' SOURCE MODEL CS-137 ISOTOPE 125 m.c.

TRUCK No. 2 LOCATION Campbell River HOVP

GENERAL				GAMMA RAY				DENSITY			
RUN No	DEPTHS FROM TO	SPEED F/m	T.C. SEC	SENS. ZERO	API UNITS PER DIV	T.C. SEC	SENS. ZERO	SENS. ZERO	API UNITS PER DIV	T.C. SEC	SENS. ZERO
1	99'	12	4	100	5	1	1K				

22



Gamma Ray

78-191

**LEXCO TESTING LTD. GAMMA-DENSITY-RESISTANCE**

700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA

HOLE QU-18-191 SURVEYED DATA

LOCATION 42+50 8250 FT. SEC TP RGE W ELEV. 1120

AREA QUINSMAN LOC. 2-11

PROVINCE B.C. (23171)

RUN No. 2

DATE JULY 9, 1948

DEPTH-DRILLER 180'

DEPTH-LOGGER 178'

FLUID LEVEL 50' total

LOGGING TIME 4 1/2 hr

DRILLED BY D. DWAR

RECORDED BY S. CASNER

WITNESSED BY S. CASNER

BIT 5 1/2" Surf TO 10' SITE Surf FROM 10' CASING RECORD TO 10'

EQUIPMENT DATA

GAMMA RAY TOOL MODEL No. L-103 DIAMETER 2 1/8" RESISTANCE TOOL MODEL No. L-103 DENSITY TOOL MODEL No. L-103 CALIPER

DETECTOR MODEL No. OS-516 TYPE ME ME 2 1/8" L-103

LENGTH 3" SCINT 3" SPACING 1" HOPE SCALE 13" CALIPER

TRUCK No. 2 SOURCE MODEL DOSSIN HOPE OS-137 CALIPER

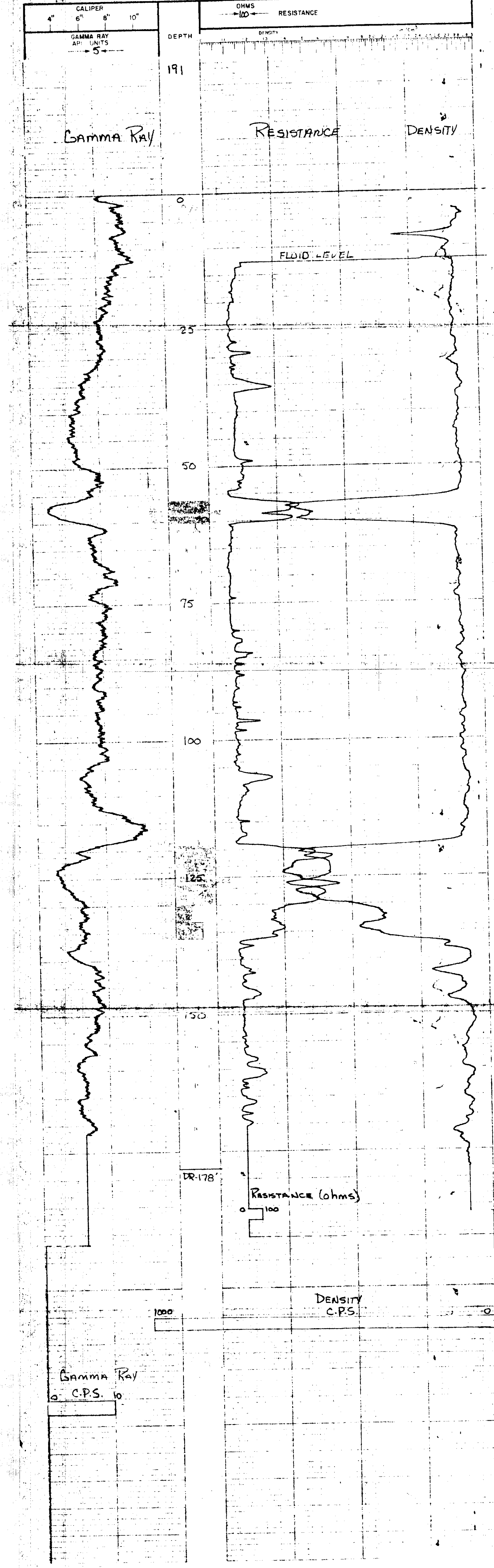
LOCATION CAMPBELL RIVER ISOTOPE CS-137 HOPE OS-137 CALIPER

LOGGING DATA

GENERAL	GAMMA RAY	RESISTANCE	DENSITY	ZERO					
DEPTH	APL UNITS	PER DIV	SEC	SETTINGS					
1	178	0	12	4	100	5	1	15	

REMARKS

PC





78-173

**LEXCO TESTING LTD. GAMMA-DENSITY-RESISTANCE**

700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA

HOLE QU-78-193 SURVEYED DATA

LOCATION 43+50 Lt SEC 1P RGE W ELEV. 115

AREA QUINSM LOC. 1111-1112

PROVINCE B.C. (3271)

DATE JULY 9, 1978

DEPTH-DRILLER 129'

DEPTH-LOGGER 119'

FLUID LEVEL 4.5'

LOGGING TIME 5 hr - total

DRILLED BY H. YINGST

RECORDED BY D. DUNBAR

WITNESSED BY S. GARDNER

BORE-HOLE RECORD

BIT 5/2" SPT FROM 10' TO 10' SIZE 5/2" SPT FROM 10' TO 10'

EQUIPMENT DATA

GAMMA RAY L-103 TOOL MODEL No. L-103 RESISTANCE L-103 DENSITY L-103 CALIPER

TOOL MODEL No. L-103 DIAMETER 2 1/8" ME 2 1/8"

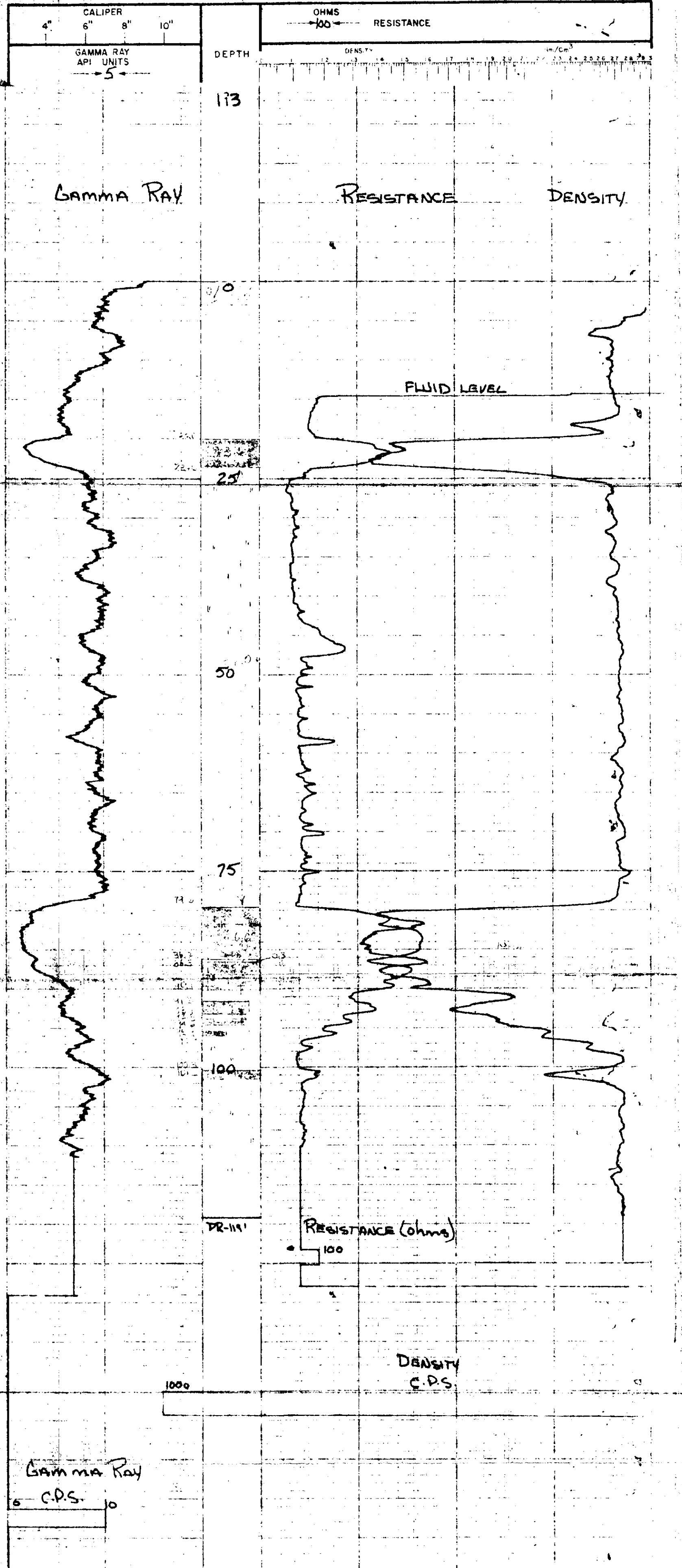
DETECTOR MODEL No. CP-516 TYPE SCINT SPACING 15"

LENGTH 3' HOR. SCALE 100% DIV. HOVP CS-137

TRUCK No. 2 LOCATION CAMPBELL RIVER LOGGING DATA

GENERAL RUN DEPTHS FROM TO SPEED F/Min T.C. SEC SENS. ZERO GAMMA RAY API UNITS PER DIV. T.C. SEC SENS. ZERO DENSITY

REMARKS:



GAMMA RAY  
5 C.P.S.

CALIPER 4" 6" 8" 10"  
GAMMA RAY API UNITS 5

OHMS RESISTANCE  
DENS. g/cm³

GAMMA RAY

RESISTANCE

DENSITY

FLUID LEVEL

RESISTANCE (ohms)

DENSITY G.P.S.

DR-119

GAMMA RAY  
5 C.P.S.

78-195

**LEXCO TESTING LTD. GAMMA-DENSITY - RESISTANCE**

700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA

HOLE QJ-18-195 SURVEYED DATA

LOCATION 42+50 1/2 SEC TP RGE W ELEV. 1172

AREA QUADRANT 71 LOC. 42459-17714

PROVINCE BC 233

DATE JULY 10, 1978

DEPTH-DRILLER 280'

DEPTH-LOGGER 218'

FLUID LEVEL 10'

LOGGING TIME 1.5 HRS

LOGGED BY H. VIKER

RECORDED BY S. DUNBAR

WITNESSED BY S. DUNBAR

BORE-HOLE RECORD TO 5 1/2" CASING RECORD TO 10'

BY SAIF I.D. 5 1/2" SURF 10'

EQUIPMENT DATA

GAMMA RAY TOOL MODEL No. L-103 TOC MODEL No. L-103 RESISTANCE DENSITY CALIPER

DIAMETER 2 1/8" DIAMETER 2 1/8" DIAMETER 2 1/8"

DETECTOR MODEL No. CP-516 TYPE F ME F

SCINT SCINT SPACING 13"

LENGTH 3' LENGTH 100 SLIDY

TRUCK No. 2 HOV SCALE HOV

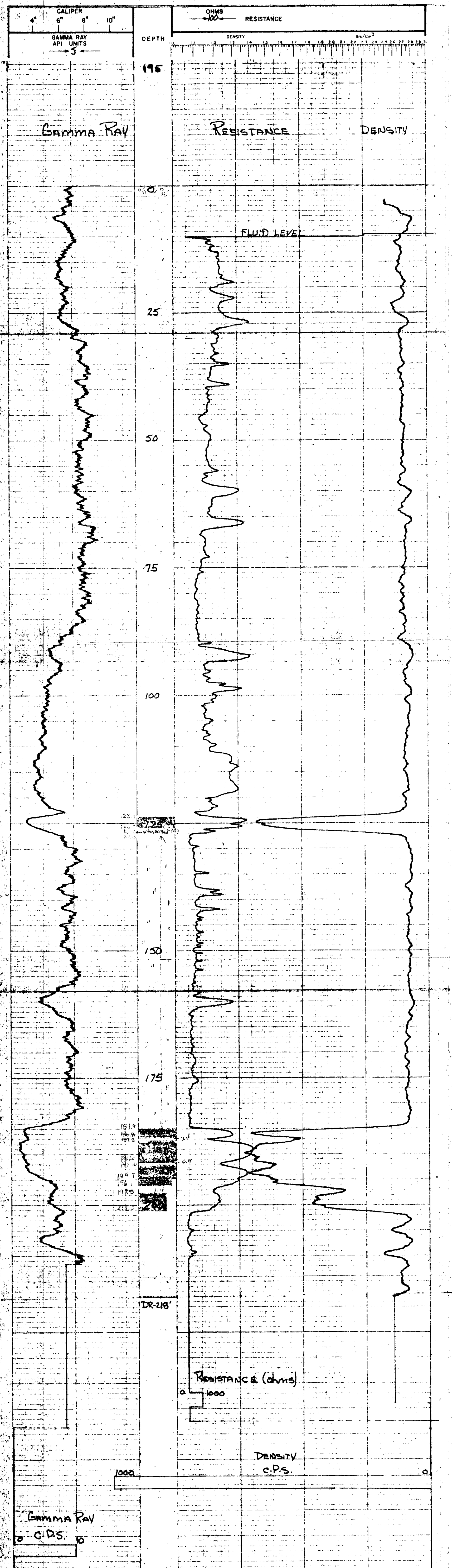
LOCATION CANADIAN RIVER SOURCE MODEL CS-137

LOGGING DATA

GENERAL				GAMMA RAY				DENSITY			
RUN No.	DEPTHS FROM TO	SPEED FPM	T.C. SENS	ZERO	API UNITS PER DIV	T.C. SENS	ZERO	API UNITS PER DIV	T.C. SENS	ZERO	API UNITS PER DIV
1	261	0	12	4	100	5	1	1K			

REMARKS

PC



GAMMA RAY  
C.P.S.

RESISTANCE (OHMS)

DENSITY  
G.C.M.

191.9  
186.9  
197.2  
191.2  
194.0  
194.7  
196  
197.0  
202.0

DR-218'

1000

78-196

**LEXCO TESTING LTD. GAMMA-DENSITY - RESISTANCE**

700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA

HOLE QU-78-196 SURVEYED DATA

LOCATION 47+50 8250 Lt SEC TP RGE W ELEV 1158

AREA Quinsarm LOC. 47+50-5294

PROVINCE B.C. (234) 71

RUN No \_\_\_\_\_ DATE July 10, 1978

DEPTH-DRILLER 140' 158'

DEPTH-LOGGER \_\_\_\_\_

FLUID LEVEL \_\_\_\_\_

LOGGING TIME \_\_\_\_\_

DRILLED BY S.H. Total

RECORDED BY H. Vincent

WITNESSED BY D. Dunbar

BORE-HOLE RECORD

BIT 4 1/2" FROM \_\_\_\_\_ TO \_\_\_\_\_

SPRM \_\_\_\_\_ TO \_\_\_\_\_

TD \_\_\_\_\_

CASING RECORD

S/E 5 1/2" FROM \_\_\_\_\_ TO \_\_\_\_\_

FRM \_\_\_\_\_ TO \_\_\_\_\_

SOFT \_\_\_\_\_

TO \_\_\_\_\_

EQUIPMENT DATA

GAMMA RAY		TOOL MODEL No.		RESISTANCE		DENSITY		CALIPER	
TOOL MODEL No.	L-103	TOOL MODEL No.	L-103	TOOL MODEL No.	L-103	TOOL MODEL No.	L-103	TOOL MODEL No.	L-103
DIAMETER	2 1/8"	DIAMETER	2 1/8"	DIAMETER	2 1/8"	DIAMETER	2 1/8"	DIAMETER	2 1/8"
DETECTOR MODEL No.	7F-516	TYPE	NE	TYPE	F	TYPE	F	TYPE	F
TYPE	SCINT	SPACING	13"	SPACING	13"	SPACING	13"	SPACING	13"
LENGTH	3"	LENGTH	13"	LENGTH	13"	LENGTH	13"	LENGTH	13"

GENERAL

TRUCK No. 2

LOCATION Campbell

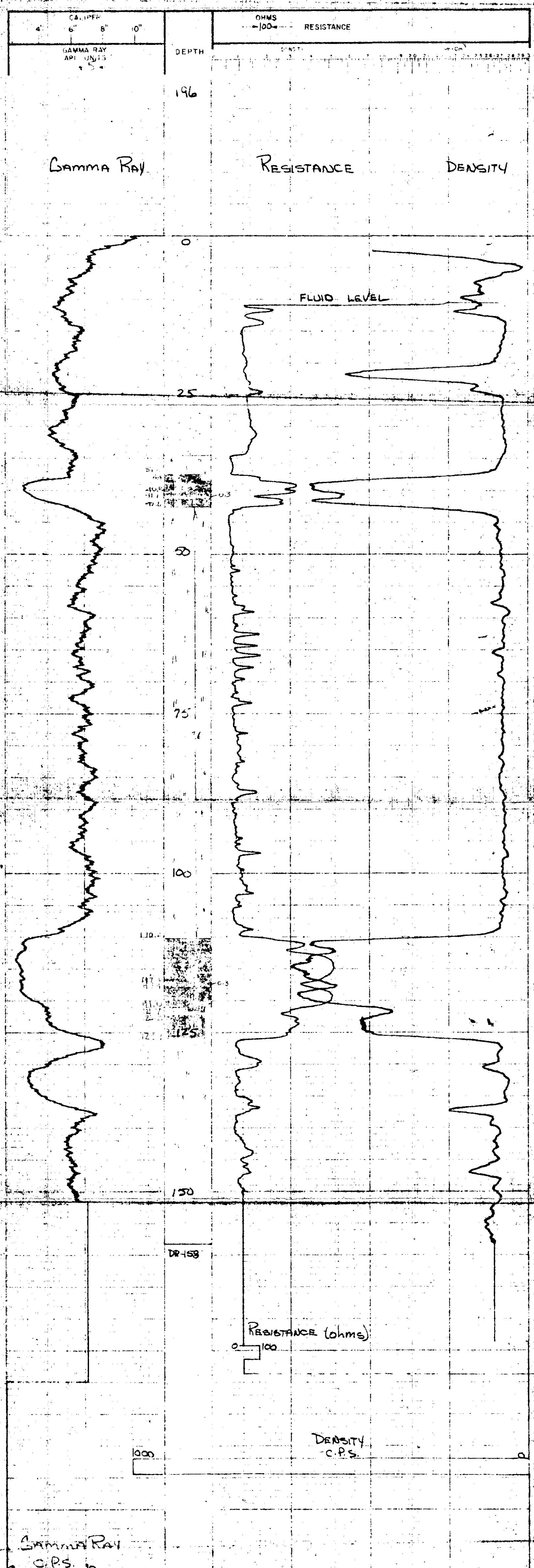
LOGGING DATA

LOGGING DATE \_\_\_\_\_

GENERAL		GAMMA RAY		RESISTANCE		DENSITY	
RUN No	1	API UNITS	5	PER DIV	1	SEC	1K.
DEPTHS FROM TO	158 0	SPRTS	12	SENS	4	TRIC	100
		SECT	4	SETTING	100		

REMARKS

**PC**





M  
78-197

**LEXCO TESTING LTD. GAMMA-DENSITY - RESISTANCE**

700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA.

HOLE QU-18-197 SURVEYED DATA

LOCATION 4000 Lt SEC TP RGE W ELEV. 1016'

AREA Quinsam LOC.

PROVINCE B.C. (235) 71 4000 2098' Lt.

DATE July 10, 1978

DEPTH-DRILLER 125'

DEPTH-LOGGER 125'

LOGGING TIME 5 hr total

DRILLED BY Kees Drilling

RECORDED BY D. DUMBAR

WITNESSED BY S. CARONER

BIT 4 1/2" Surf BORE-HOLE RECORD

TO T D CASING RECORD

FROM Surf SIZE 5 1/2" Surf FROM Surf TO 40'

EQUIPMENT DATA

GAMMA RAY TOOL MODEL No. L-103 RESISTANCE TOOL MODEL No. L-103 DENSITY TOOL MODEL No. L-103 CALIPER

DIAMETER 2 1/8" DIAMETER 2 1/8" ME 2 1/8"

DETECTOR MODEL No. CP-516 TYPE ME SCINT 13"

GENERAL LOGGING DATA

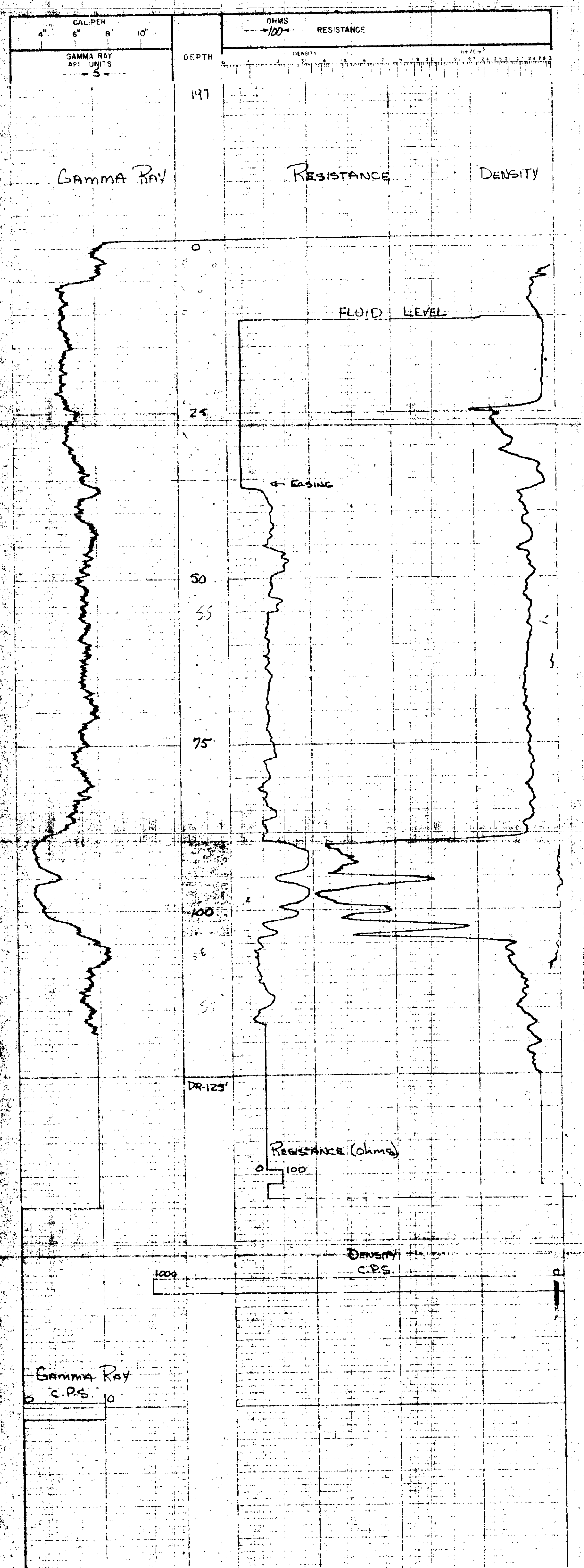
TRUCK No. 2 SOURCE MODEL 100 SLDV HOVP CS-137

LOCATION Capri Bell ISOTOPE CS-137 STRENGTH 125 m.c.

GENERAL LOGGING DATA

RUN No. 1 DEPTHS FROM 0 TO 125' SPEED 12 FV/min 4 SEC 100 T.C. SECS 5 SENS. SETTING 1 ZEROG 1K

REMARKS



OHMS RESISTANCE  
DENSITY g/cm<sup>3</sup>  
CAL PER 4" 6" 8" 10"  
GAMMA RAY API UNITS 4 5

DEPTH 197  
Gamma Ray RESISTANCE DENSITY

FLUID LEVEL  
← EASING  
DR-125'  
Resistance (ohms)  
Density C.P.S.  
Gamma Ray C.P.S.

PC

78-198 (2)

**LEXCO TESTING LTD. GAMMA-DENSITY - RESISTANCE**

700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA.

HOLE QU-18-198 (2) SURVEYED DATA

LOCATION 42+50 8150 Lt SEC TP RGE W ELEV. 1131

AREA QUINSPAD LOC. 4-4-64-27441

PROVINCE B. (256) 71

DATE July 10, 1978

DEPTH - DRILLER 148'

DEPTH - LOGGER 148'

FLUID LEVEL 5 hr. hole

LOGGING TIME R. SELL

RECORDED BY D. DUNBAR

WITNESSED BY S. CARDBER

BORE-HOLE RECORD TO 7" CASING RECORD TO 24'

BIT 5 7/8" SURF. TD

EQUIPMENT DATA

GAMMA RAY TOOL MODEL NO. L-103 RESISTANCE TOOL MODEL NO. L-103 DENSITY TOOL MODEL NO. L-103 CALIPER

DIAMETER 2 1/8" DIAMETER 2 1/8" ME 2 1/8"

DETECTOR MODEL NO. CP-516 TYPE F SCINT 13"

TYPE SCINT SPACING 1" LENGTH 1"

TRUCK No. 2 HOR SCALE 100 SLDIV 1 HGVF 2

LOCATION Camrose / River ISOTOPE CS-137 ISOPTRE CS-137

LOGGING DATA

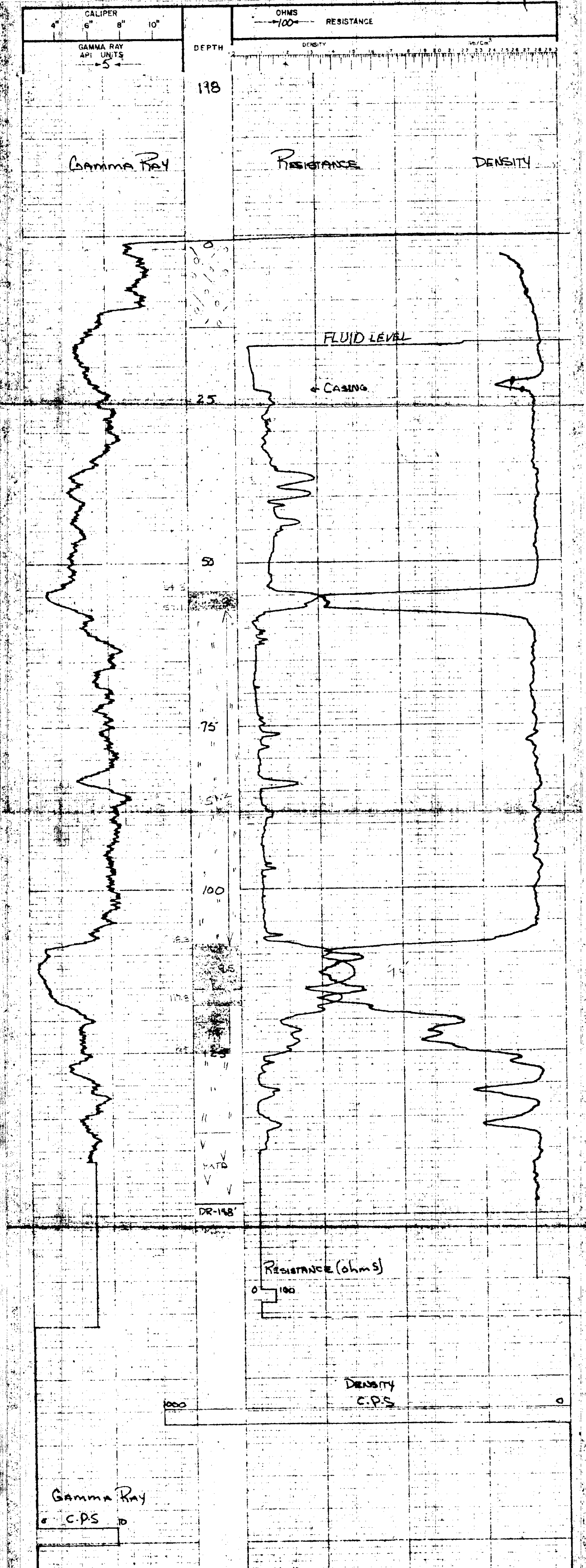
GENERAL DEPTHS TO SPEED T.C. SENS. ZERO API UNITS T.C. SENS. ZERO

NO. FROM TO F./min. SEC. SENS. ZERO PER DIV. SEC. SENS. ZERO

1 148 0 12 4 100 5 1 1 1

REMARKS:

PC



Gamma Ray  
CPS

Resistance (ohms)

Density  
g/cm³

DR-148



78-199

**LEXCO TESTING LTD. GAMMA-DENSITY - RESISTANCE**

700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA

HOLE: Qu-78-199 SUPERVEYED DATA

LOCATION: 47150 1250 L. SEC. TP. RGE. W. ELEV. 1111

AREA: Quinsam (L37) 71 LOC. 1111

PROVINCE: B.C. (L37) 71

DATE: July 11, 1918

DEPTH - DRILLER: 200' 198'

DEPTH - LOGGER: 23.5'

LOGGING TIME: 5 hr. 44 min.

DRILLED BY: H. VICKERT

RECORDED BY: D. QUINSAM

WITNESSED BY: A. CARDNER

BIT: 4 1/2" Surf TD

EQUIPMENT DATA: GAMMA RAY L-103 TOOL MODEL No. L-103 RESISTANCE L-103 DENSITY L-103 CALIPER L-103

TOOL MODEL No. L-103 TOOL MODEL No. L-103

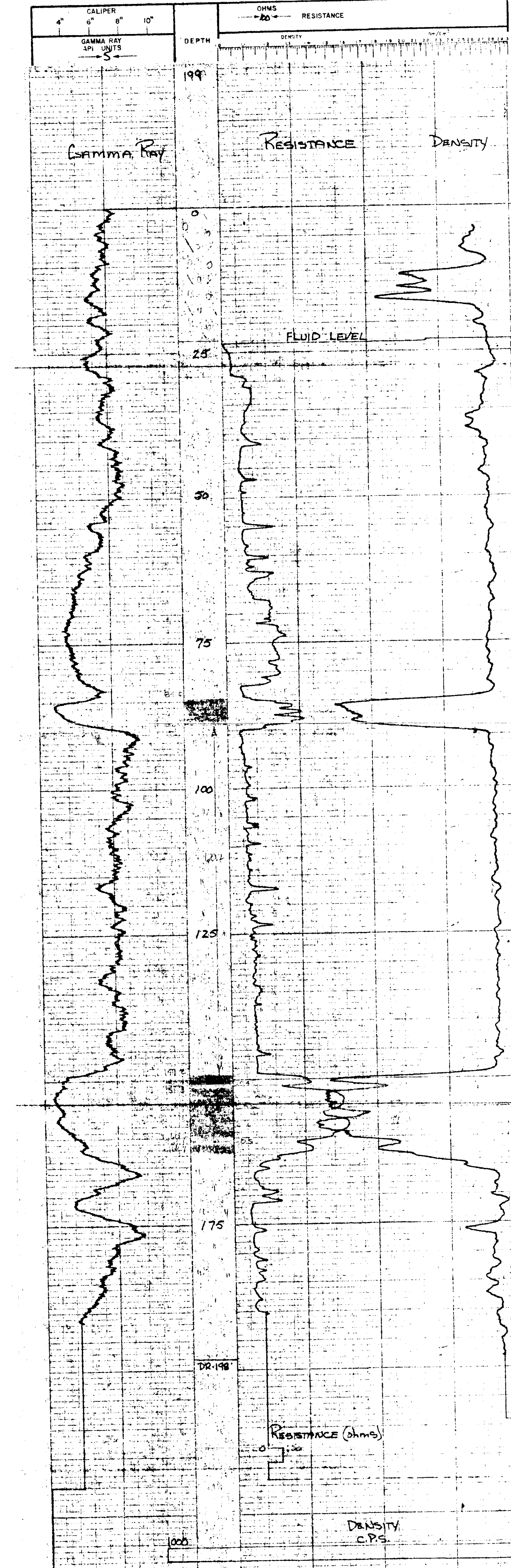
DIAMETER 2 1/8" DIAMETER 2 1/8"

DETECTOR MODEL No. CS-516 TYPE ME 15"

TRUCK No. 2

LOCATION: 47150 1250 L. SEC. TP. RGE. W. ELEV. 1111

REMARKS: PC



Legend:  
 RESISTANCE (ohms)  
 DENSITY C.P.S.  
 Gamma Ray C.P.S.



78-180

**LEXCO TESTING LTD. GAMMA-DENSITY - RESISTANCE**

700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA

HOLE QU-18-180 SURVEYED DATA

LOCATION 50+00 9500 Lt SEC TP RGE W ELEV. 1112

AREA QUINSMY LOC. EDMONTON

PROVINCE B.C. (38) 71

DATE JULY 7, 1978

DEPTH-DRILLER 8 1/2"

DEPTH-LOGGER 8 1/2"

FLUID LEVEL Full

LOGGING TIME 1.5 hr (total)

DRILLED BY R. SALT

RECORDED BY D. DUNBAR

WITNESSED BY S. GARDNER

BORE-HOLE RECORD

BIT 6 1/2" SURF TO T.D. SIZE FROM TO

EQUIPMENT DATA

GAMMA RAY TOOL MODEL NO. L-103 RESISTANCE TOOL MODEL NO. L-103 DENSITY TOOL MODEL NO. L-103 CALIPER

DIAMETER DETECTOR MODEL NO. CP-518 TYPE ME ME F F 13"

TYPE SCINT SCINT SPACING SPACING 13"

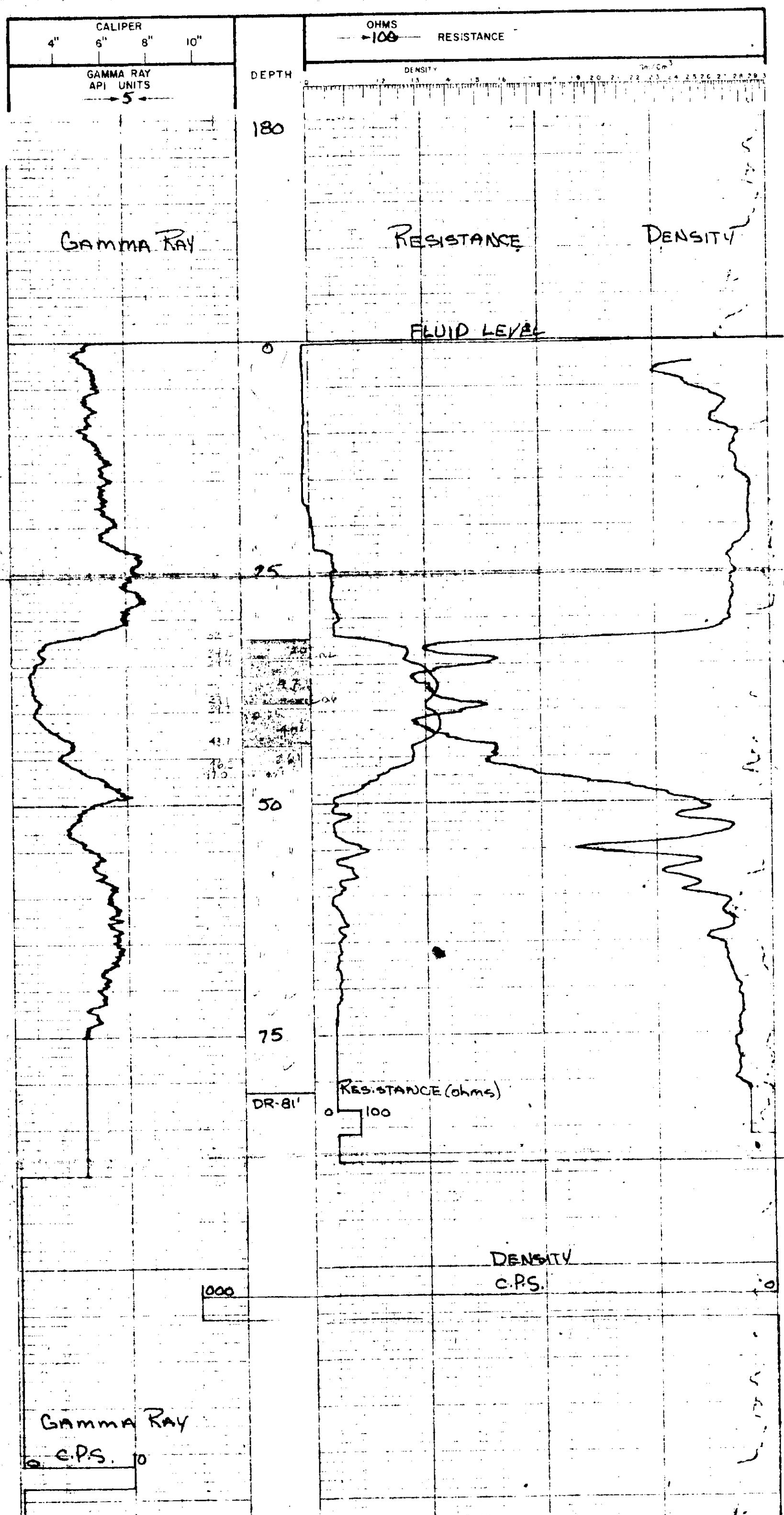
LENGTH 3" LENGTH 1"

TRUCK No. 2 HOV Scale 100 R/dv HOV P

LOCATION CAMPBELL RIVER ISOTOPE CS-137 STRENGTH 125 m.c.

GENERAL		GAMMA RAY				DENSITY				
RUN No	DEPTHS	SPEED	T.C	SENS	ZERO	API	UNITS	T.C	SENS	ZERO
FROM	TO	F/min	SEC	SETTING		PER	DIV	SEC	SETTING	
1	81'	0	12	4	100	5	1	1	1K	

REMARKS: **PC**



78-186

**LEXCO TESTING LTD. GAMMA-DENSITY-RESISTANCE**

700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA

HOLE QU-18-18L SURVEYED DATA

LOCATION 45100 SEC TP RGE W ELEV. 1067'

AREA QUINSMAN 71 LOC.

PROVINCE B.C. (L39) 4497 2400' H.

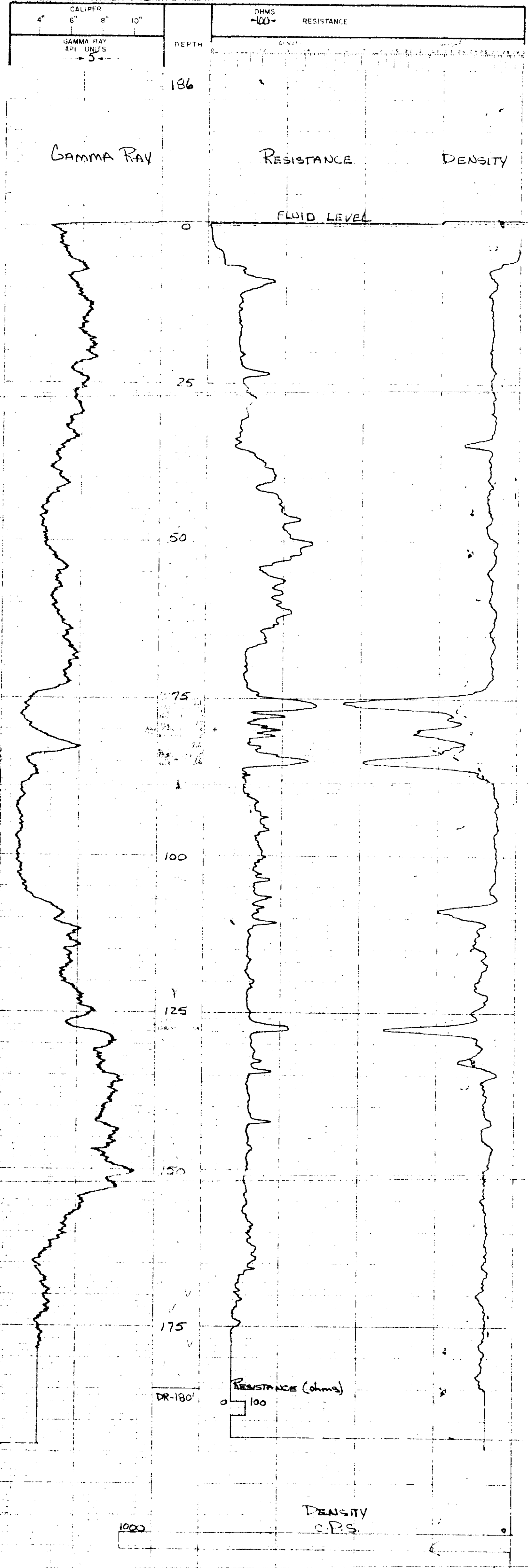
RUN NO. 2  
 DATE JUL 18, 1978  
 DEPTH-DRILLER 185'  
 DEPTH-LOGGER 185'  
 FLUID LEVEL 5 hr (etc)  
 LOGGING TIME  
 DRILLED BY KANS DRILLING  
 RECORDED BY P. QUINSMAN  
 \* TAPPED BY P. QUINSMAN

BORE-HOLE RECORD  
 BIT 6" SUTR T.D.  
 CASING RECORD

EQUIPMENT DATA	
GAMMA RAY	TOOL MODEL No. L-103
RESISTANCE	TOOL MODEL No. L-103
DENSITY	TOOL MODEL No. L-103
CALIPER	TOOL MODEL No. L-103
DIAMETER	2 1/8"
DETECTOR MODEL No.	CP-516
TYPE	W.
SMACING	
SCINT	
LENGTH	3'
GENERAL	HOR. SCALE
TRUCK No.	SOURCE MODEL
LOCATION	ISOTOPE
	STRENGTH
	HOVP
	125 m.c.

GENERAL		CALIBR.		SENS.		API UNITS		SENS.	
NO.	DEPTH	SPD	TIME	TYPE	PER DIV	TYPE	PER DIV	TYPE	PER DIV
1	185'	0	12	4	100	5	1	1K	

REMARKS  
 CAMPBELL RIVER



Gamma Ray  
 C.P.S. 10

PC

X-187

**LEXCO TESTING LTD. GAMMA-DENSITY - RESISTANCE**

700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA

HOLE Q0-18-187 SURVEYED DATA

LOCATION 3150<sup>th</sup> SEC 17 RGE W ELEV. 11.5

AREA QUINSAM LOC. 24071

PROVINCE B.C.

DATE July 8 1978

DEPTH - DRILLER 126

DEPTH - LOGGER 111

FLUID LEVEL 5'

LOGGING TIME 5:15

ORILED BY H. VINCENT

RECORDED BY D. DUNN

WITNESSED BY S. GARDNER

BIT 4 1/2" Surf BORE-HOLE RECORD

TO T.D. CASING RECORD

FROM Surf TO T.D.

SIZE 100 FROM 100 TO 100

RESISTANCE DENSITY CALIBER

TOOL MODEL No. L-103 TOOL MODEL No. L-103

DIAMETER 2 1/8" DIAMETER 2 1/8"

DETECTOR MODEL No. GP-516 TYPE ME

SCINT 15

SPACING 15"

LENGTH 3"

GENERAL TRUCK No. 2 HOV SCALE 1000 LBS

LOCATION CAMPBELL RIVER SOURCE MODEL CS-137

ISOTOPE 135mC

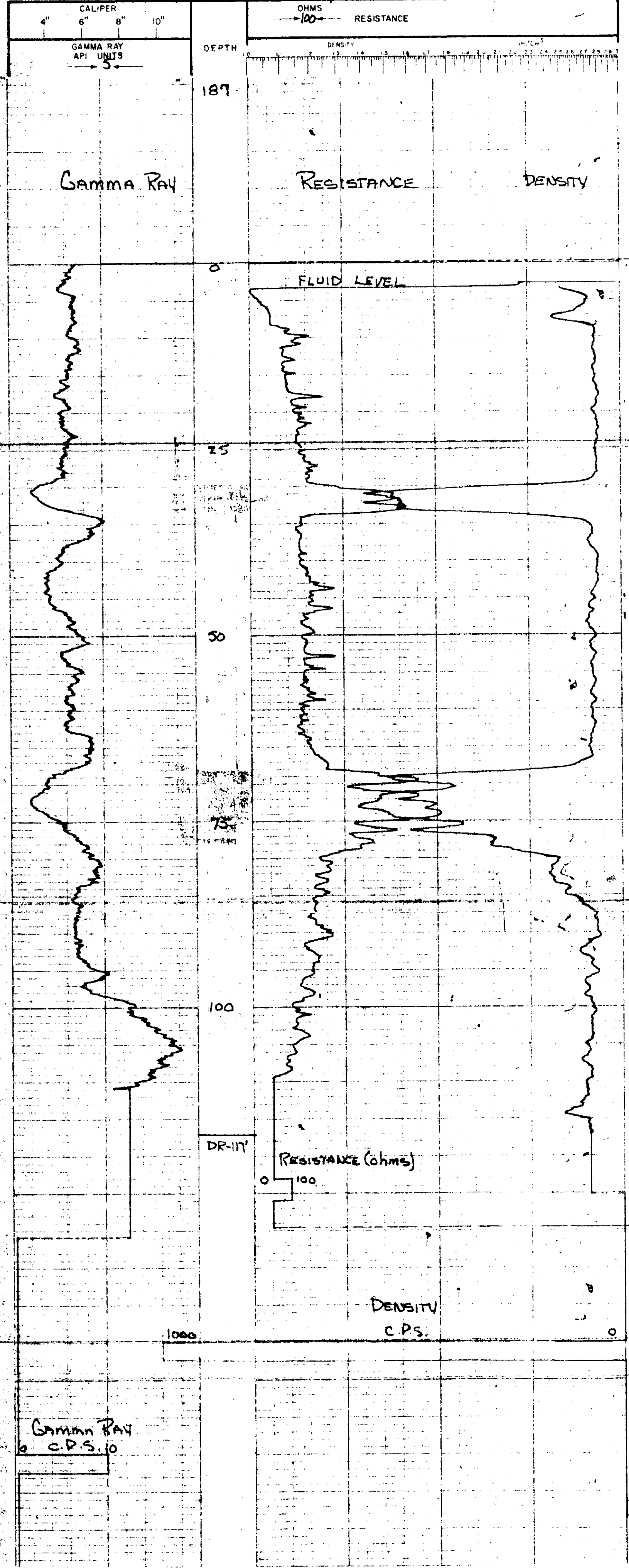
STRENGTH

GENERAL RUN No. 1 DEPTHS 0 SPEED 12 F/M/Min

SEC. SETTINGS 4 T.C. SENS. ZERO 5

API UNITS PER DIV 1 DENSITY SETTINGS 1K

REMARKS



Gamma Ray  
C.P.S. 0

PC



78-188

LEXCO  
TESTING LTD. GAMMA-DENSITY - RESISTANCE

700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA

HOLE QU-78-188

LOCATION 31+50 3250 Lt SEC TP RGE W ELEV. 119

AREA Quinsam (L41) 71

PROVINCE BC

DATE July 8, 1978

DEPTH-DRILLER 185, 173

FLUID LEVEL 56.5m

LOGGING TIME 5hr 10min

DRILLED BY H. VINCE

RECORDED BY D. DUNBAR

WITNESSED BY S. CHADDER

BIT 4 1/2" FROM Sulf T.P.

GENERAL LOGGING DATA

GAMMA RAY TOOL MODEL No. L-103

DIAMETER 2 1/8"

DETECTOR MODEL No. CP-516

TYPE SCINT

LENGTH 3'

TRUCK No. 2

LOCATION CAMPBELL RIVER

HOPE GS-137

SCINTOPH 125 m

LOGGING DATA

GENERAL DEPTHS TO FROM 0 TO 12

SPEED F/M/min 4

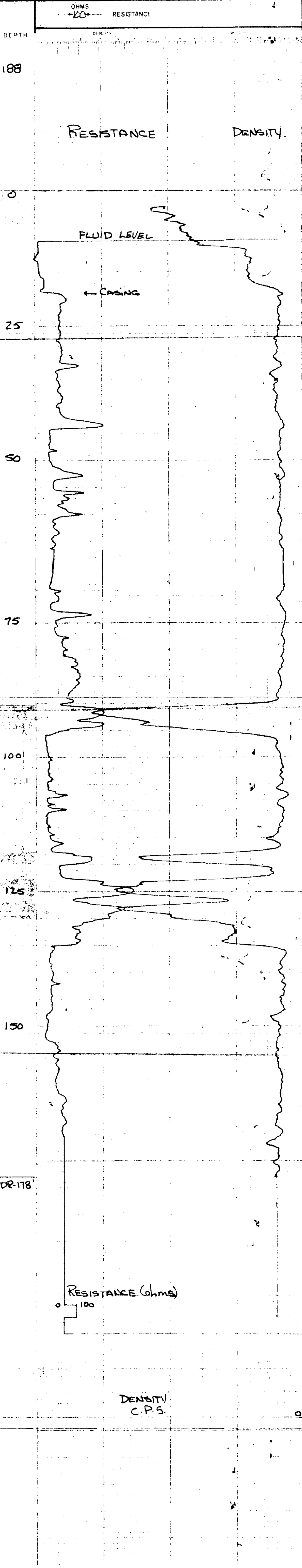
T.C. SEC. SETTING 100

AP. UNITS PER DIV 5

T.C. SENS. ZERO 1

SENS. ZERO 1K

REMARKS PC



GAMMA RAY

RESISTANCE

DENSITY

CALIPER 4" 6" 8" 10"

GAMMA RAY AP. UNITS

78-189

**LEXCO TESTING LTD. GAMMA-DENSITY - RESISTANCE**

700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA

HOLE QU-18-189 SURVEYED DATA

LOCATION 40+00 9000 FT SEC TP RGE W ELEV. 1100

AREA QUINSAM PROV. BC L4271 LOC. 189

PROVINCE BC

DATE JULY 8, 1978

DEPTH-DRILLER 100'

DEPTH-LOGGER 98'

FLUID LEVEL 5 hr total

LOGGING TIME H. KINCEH

DRILLED BY D. DUNBAR

RECORDED BY S. SPRINGER

WITNESSED BY

BORE-HOLE RECORD

BIT 4 1/2" SPT T.D. 100' CASING RECORD

EQUIPMENT CAT.

GAMMA RAY

TOOL MODEL No. L-103 TOOL MODEL No. L-103 RESISTANCE L-103 DENSITY L-103 CALIPER

DIAMETER 2 1/8" DIAMETER 2 1/8" TYPE 2 1/8"

DETECTOR MODEL No. CP-516 ME

TYPE SCINT SCINT 13"

LENGTH 3

GENERAL

TRUCK No. 2 HOR SCALE 100 Ω / DIV HOVP

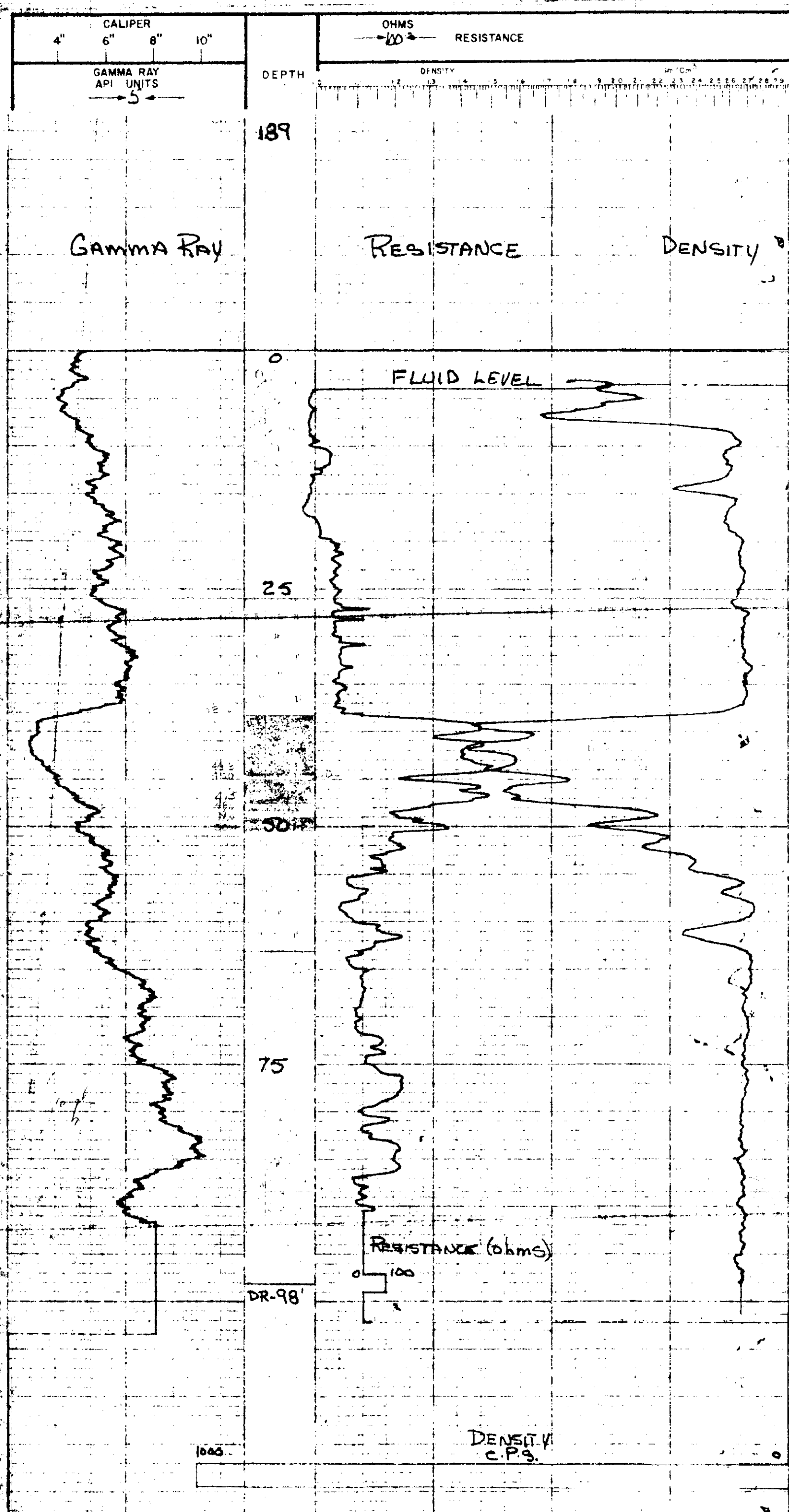
LOCATION CAMPBELL RIVER ISOTOPE GS-137 STRENGTH 125 m.c

LOGGING DATA

GENERAL

RUN No. 1 DEPTHS 0 TO 12 SPEED 4 T.C. 100 SENS. 5 ZERO 1K

REMARKS



Gamma Ray  
c.p.s. 10

78-190

**LEXCO TESTING LTD. GAMMA-DENSITY - RESISTANCE**

700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA

HOLE **QU-18-190** SURVEYED DATA

LOCATION **1500 FT SEC TP RGE W** ELEV. **1070'**

AREA **QUINSADA** LOC.

PROVINCE **B** **(24371)** 4500 1460 FT

DATE **JULY 8, 1978**  
 DEPTH-DRILLER **165'**  
 DEPTH-LOGGER **165'**  
 FLUID LEVEL **5k-10ft**  
 LOGGING TIME  
 DRILLED BY **Kenny Drilling**  
 RECORDED BY **D. DUBARQ**  
 WITNESSED BY **S. GARDNER**

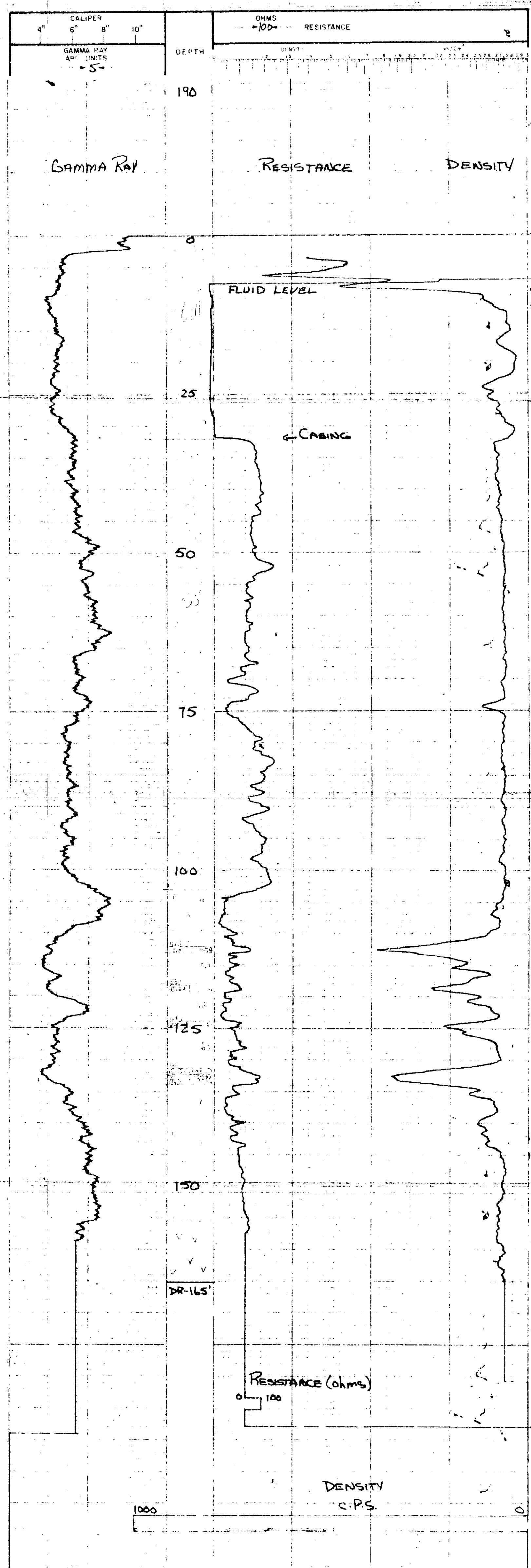
BIT **6" Surf** CASING RECORD  
 BORE-HOLE RECORD  
 TO **T.D.** SIZE **6"** FROM **Surf** TO **91'**

EQUIPMENT DATA		RESISTANCE		DENSITY		CALIPER	
TOOL MODEL No	L-103	TOOL MODEL No	L-103	DENSITY	L-103	CALIPER	L-103
DIAMETER	2 1/8"	DIAMETER	2 1/8"	DIAMETER	2 1/8"	CALIPER	2 1/8"
DETECTOR MODEL No	CS-316	DETECTOR MODEL No	CS-316	ISOTOPE	CS-137	CALIPER	CS-137
TYPE	SCINT	TYPE	SCINT	ISOTOPE	CS-137	CALIPER	CS-137
SPACING	3"	SPACING	3"	ISOTOPE	CS-137	CALIPER	CS-137
LENGTH	3"	LENGTH	3"	ISOTOPE	CS-137	CALIPER	CS-137

GENERAL		GAMMA-RAY		APR. UNITS		DENSITY	
TRUCK No	<b>2</b>	SOURCE MODEL	<b>Q-Div</b>	APR. UNITS	<b>5</b>	SENS	<b>1K</b>
LOCATION	<b>Campbell River</b>	ISOTOPE	<b>CS-137</b>	PER DIV	<b>1</b>	SENS	<b>1K</b>
LOGGING DATA		STRENGTH	<b>125 mC</b>	PER DIV	<b>1</b>	SENS	<b>1K</b>

GENERAL		GAMMA-RAY		APR. UNITS		DENSITY	
RUN No	<b>1</b>	SPEED	<b>12</b>	APR. UNITS	<b>5</b>	SENS	<b>1K</b>
DEPTHS	<b>0</b>	SEC	<b>12</b>	PER DIV	<b>1</b>	SENS	<b>1K</b>
FROM	<b>0</b>	SEC	<b>12</b>	PER DIV	<b>1</b>	SENS	<b>1K</b>
TO	<b>165'</b>	SEC	<b>12</b>	PER DIV	<b>1</b>	SENS	<b>1K</b>

PC





78-192(c)

**LEXCO TESTING LTD. GAMMA-DENSITY - RESISTANCE**

700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA

HOLE QU-78-192(c) SURVEYED DATA

LOCATION 3+50 Lt SEC TP RGE W ELEV. 165

AREA QUINSAM LOC. QU-78-192(c)

PROVINCE B.C. **(24471)**

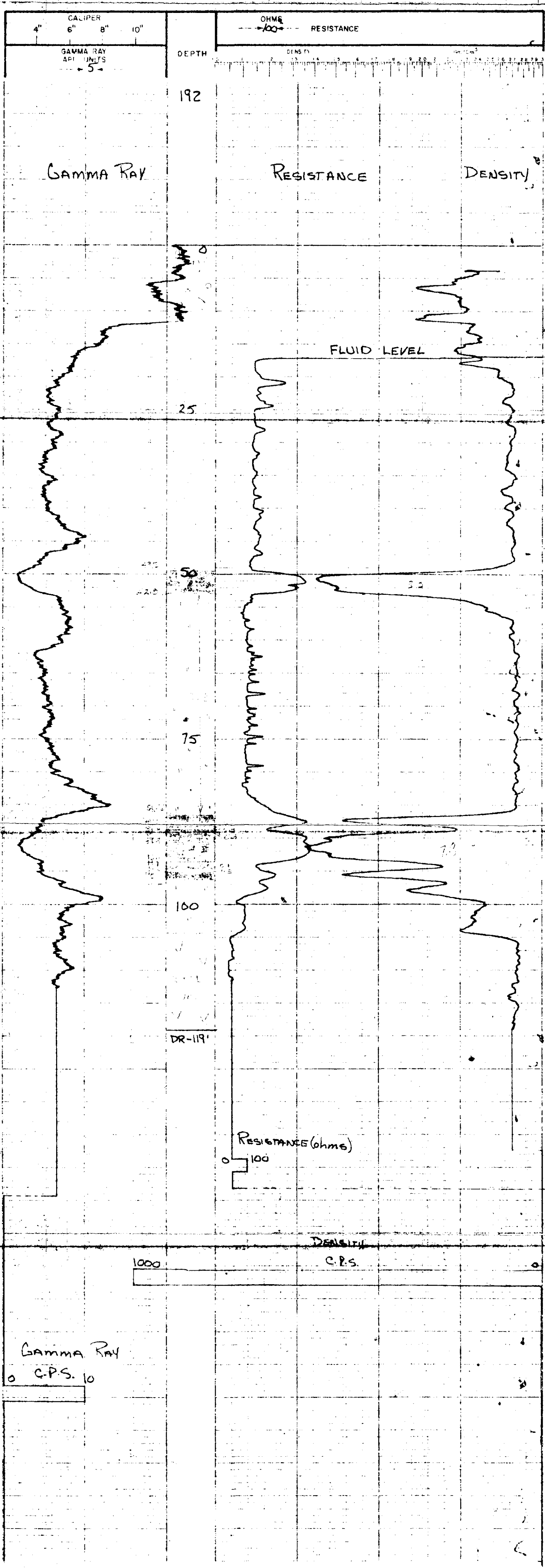
RUN No. 2  
 DATE July 9, 1978  
 DEPTH-DRILLER 113'  
 DEPTH-LOGGER 113'  
 FLUID LEVEL 51.2'  
 LOGGING TIME  
 DRILLED BY R. SELK  
 RECORDED BY D. DANBAR  
 WITNESSED BY S. CARPNER

BORE-HOLE RECORD		CASING RECORD	
BIT	FROM	SIZE	FROM
<u>8 1/2"</u>	<u>Surf</u>	<u>12"</u>	<u>Surf</u>
<u>5 5/8"</u>	<u>12'</u>	<u>8 1/2"</u>	<u>50'</u>
	<u>12'</u>		<u>12'</u>

EQUIPMENT DATA		RESISTANCE		DENSITY		CALIPER	
TOOL MODEL No.	L-103	L-103	L-103	L-103	L-103	L-103	L-103
DIAMETER	<u>2 1/8"</u>	DIAMETER	<u>2 1/8"</u>	TYPE	<u>NE</u>	TYPE	<u>F</u>
DETECTOR MODEL No.	<u>CP-516</u>	SCINT	<u>13"</u>	LENGTH	<u>1"</u>	HOR SCALE	<u>100 SLDIV</u>
TYPE	<u>SCINT</u>	HOVR SCALE	<u>CS-137</u>	ISOPE	<u>CS-137</u>	HOYP	<u>CS-137</u>
LENGTH	<u>3</u>	STRENGTH	<u>125 m.c.</u>				

GENERAL				GAMMA RAY				DENSITY			
TRUCK No.	2	LOC.	<u>CAMPBELL RIVER</u>	DEPTHS	SPEED	T.C.	SENS.	API UNITS	T.C.	SENS.	ZERO
NO	<u>1</u>	FROM	<u>119'</u>	TO	<u>0</u>	FL/min	<u>12</u>	SEC	<u>4</u>	SETTING	<u>100</u>
								PER DIV	<u>5</u>	SEC	<u>1</u>
										SETTINGS	<u>1K</u>

REMARKS  
**PC**



Gamma Ray  
 0 C.P.S. 10

Resistance (ohms)  
 0 100

Density  
 C.P.S.

GAMMA RAY

RESISTANCE

DENSITY

FLUID LEVEL

DEPTH  
 192

CALIPER  
 4" 6" 8" 10"  
 GAMMA RAY  
 API UNITS  
 5

28-163 (2)

**LEXCO TESTING LTD. GAMMA-DENSITY - RESISTANCE**

7000 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON ALBERTA

HOLE QU-18-163 (2) SURVEYED DATA

LOCATION 53+00 SEC TP RGE W ELEV. 1056

AREA QUINSMAN LOC.

PROVINCE BC 4571 5500 2724

DATE JUNE 26, 1978

DEPTH-DRILLER 338'

DEPTH-LOGGER 338'

LOGGING TIME 4 1/2

DRILLED BY R. Heibel

RECORDED BY D. Dunbar

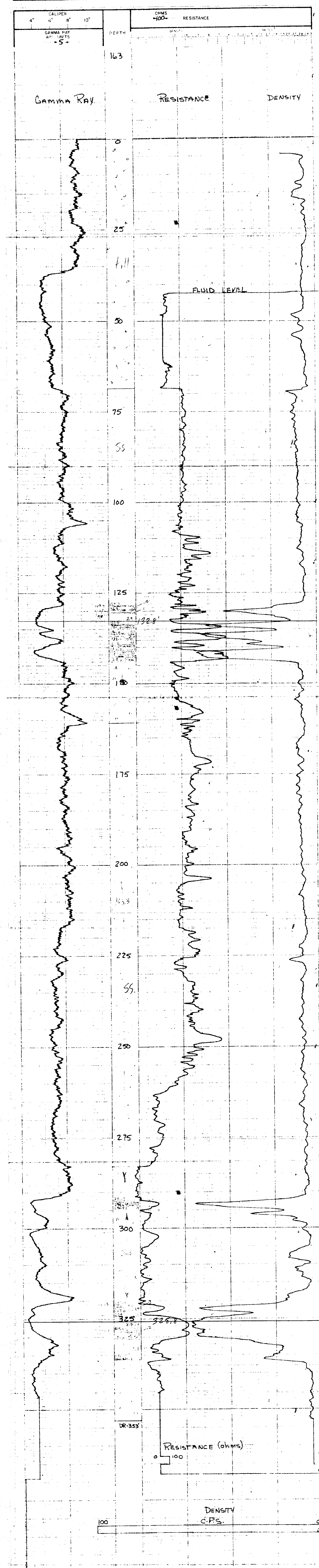
WITNESSED BY S. GARDNER

BORE-HOLE RECORD

BIT 5 7/8" FROM Surf TO 69'

EQUIPMENT CAT. Surf TO 69'

REMARKS **PC**



Gamma Ray C.P.S. 10

78-164

**LEXCO TESTING LTD. GAMMA-DENSITY - RESISTANCE**

700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA

HOLE QU-18-164 SURVEYED DATA  
 LOCATION 150 Rt SEC TP RGE W ELEV 1054  
 AREA Quinsam LOC. 41:48 36 Rt  
 PROVINCE BC

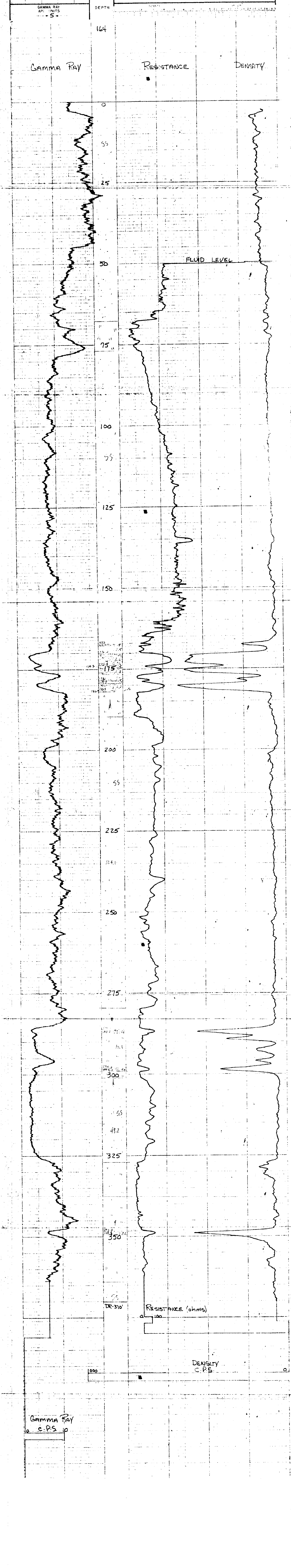
DATE June 26, 1978  
 DEPTH-DRILLER 310'  
 DEPTH-LOGGER 310'  
 FLUID LEVEL 50'  
 LOGGING TIME 1 hr 15 min  
 DRILLED BY Keith Drilling  
 RECORDED BY D. Dunbar  
 WITNESSED BY S. Gardner

BORE-HOLE RECORD  
 BIT FROM 6" TO 6"  
 BIT TYPE Surf CASING RECORD TO 4'  
 EQUIPMENT SIZE 6" CASING RECORD TO 4'

FOOT MODEL NO. 1-83 TOOL MODEL NO. 1-10  
 DIAMETER MODEL NO. 2-1/8" DATE ISS. 2/78  
 DETECTOR MODEL NO. 2-1/8" DATE ISS. 2/78  
 LENGTH 3" SERIAL NO. 13  
 TRUCK N. GENERAL HOP SCALE 100 C/DIV  
 LOCATION Campbell River SOURCE MODEL CS-117  
 ISOPIRE 125 mV

GENERAL DATA  
 RUN NO. 1 GENERAL DEPTH 0 SPEED 12 T.C. SENS. ZERO 5 DENSITY SENS. ZERO 1K  
 FROM 320 TO 12 FLOW 4 SEC. SETTING 100 P.P.P. DIV. 1 SENS. SETTING 1K

REMARKS  
**PC**





M 78-165 (2)

**LEXCO TESTING LTD. GAMMA DENSITY - RESISTANCE**

700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA

HOLE QJ-78-165 (C)  
 LOCATION 42+50 750 FT SEC TP RGE W ELEV. 1052

AREA QUINSARM 71  
 PROV. BC 442

PROVINCE BC 442  
 SURVEYED DATA  
 LOC. 42+40 701 FT

DATE June 27, 1978  
 DEPTH - DRIPLER 205'  
 DEPTH - LOGGER 203'  
 FLUID LEVEL 75 hr total

LOGGING TIME 33  
 DRILLED BY R. SELK  
 RECORDED BY D. DUNBAR  
 WITNESSED BY S. CALVERT

BORE-HOLE RECORD  
 BIT 2 5/8" SUIT 12'  
 EQUIPMENT CASE

CASING RECORD  
 7" SUIT 12'

GAMMA RAY  
 TOOL MODEL NO. L-103  
 DIAMETER 2 1/8"  
 DETECTOR MODEL NO. 516  
 TYPE SCINT. ENCH. 3"  
 LENGTH 3"  
 HOR SCALE 100 SL/DIV  
 SOURCE MODEL CS-137  
 ISOFOBE 25 m.  
 STRENGTH

RESISTANCE  
 L-103  
 2 1/8"  
 ME 1"  
 1"

DENSITY  
 L-103  
 2 1/8"  
 ME 1"  
 1"

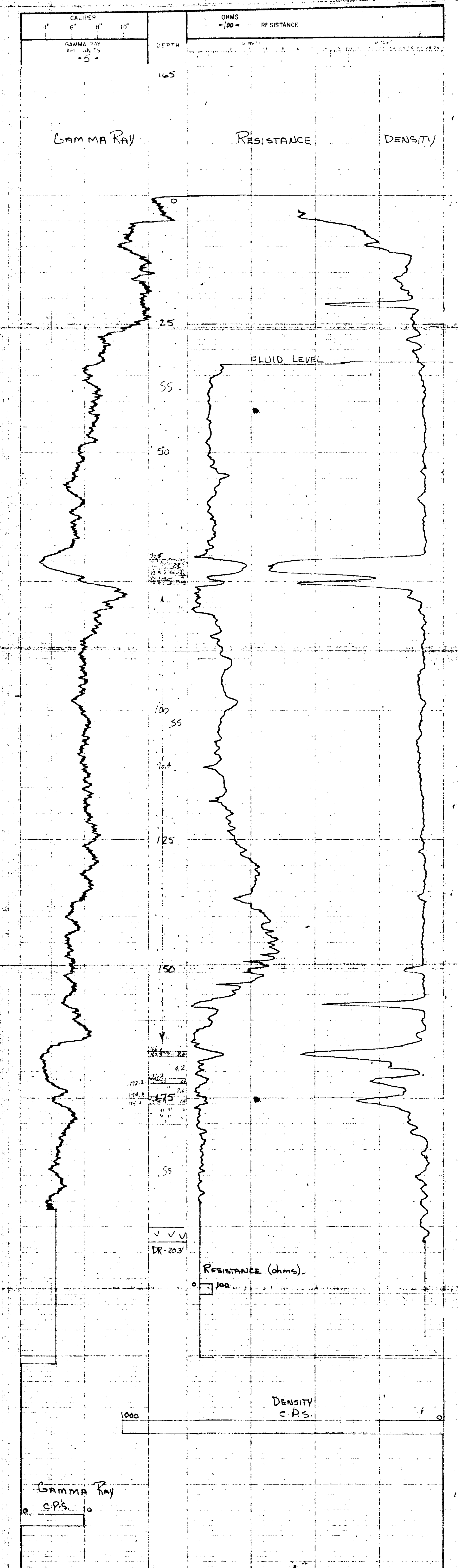
CALIPER  
 L-103  
 2 1/8"  
 ME 1"  
 1"

TRUCK No. 1  
 LOCATION RIVER

GENERAL  
 SPEED 12  
 SEC. 4  
 SETTING 100

GENERAL  
 SPEED 12  
 SEC. 4  
 SETTING 100

REMARKS  
 PC



78-146

**LEXCO TESTING LTD. GAMMA-DENSITY - RESISTANCE**

700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA

HOLE OU-18-166 SURVEYED DATA

LOCATION 35° 08' 32" N 108° 53' 32" W ELEV. 1680

AREA Quinsam LOC. 54-08-282-ET

PROVINCE BC

RUN NO. 2

DATE Aug 17 1978

DEPTH-DRILLER 314

DEPTH-LOGGER 314

FLUID LEVEL 166

LOGGING TIME 1 hr 30 min

DRILLED BY R. D. DUNN

RECORDED BY R. D. DUNN

WITNESSED BY R. D. DUNN

BIT 50T

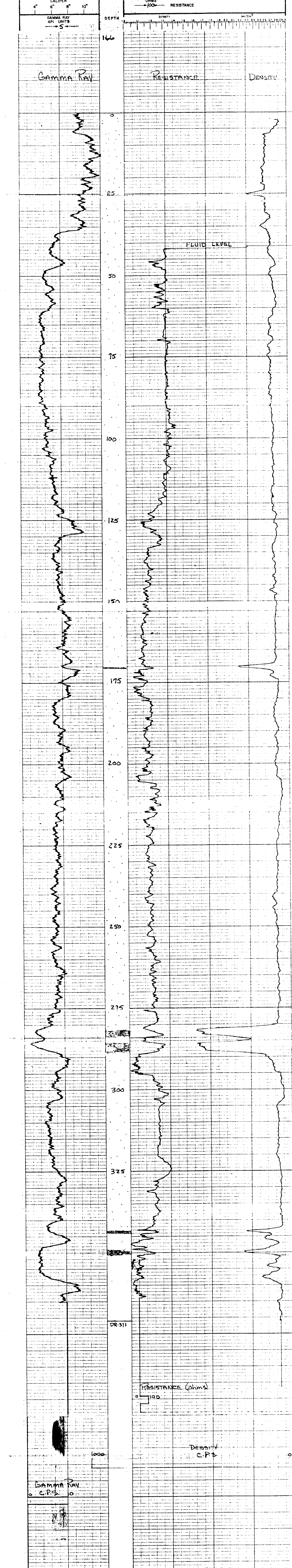
BIT FROM TO

SIZE 7"

CASING RECORD FROM TO

EQUIPMENT DATA

REMARKS **PC**



Scale: CALIPER 4" 6" 8" 10"; GAMMA RAY API UNIT 5; RESISTANCE (ohms) 0 100; DENSITY C.P.S. 0 1000.

78-168

**LEXCO TESTING LTD. GAMMA-DENSITY - RESISTANCE**

700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA

HOLE **QU-18-168** SURVEYED DATA

LOCATION **40+00** SEC. **TP** RGE. **W** ELEV. **1924**

AREA **Quinnam** LOC.

PROVINCE **B.C. (49) 71**

DATE **July 6, 1978**  
 DEPTH-DRILLER **240**  
 DEPTH-LOGGER **240**  
 FLUID LEVEL **19'**  
 LOGGING TIME **1 5 hr. Total**  
 DRILLED BY **M. Winkler**  
 RECORDED BY **D. Dunder**  
 WITNESSED BY **S. G. ...**

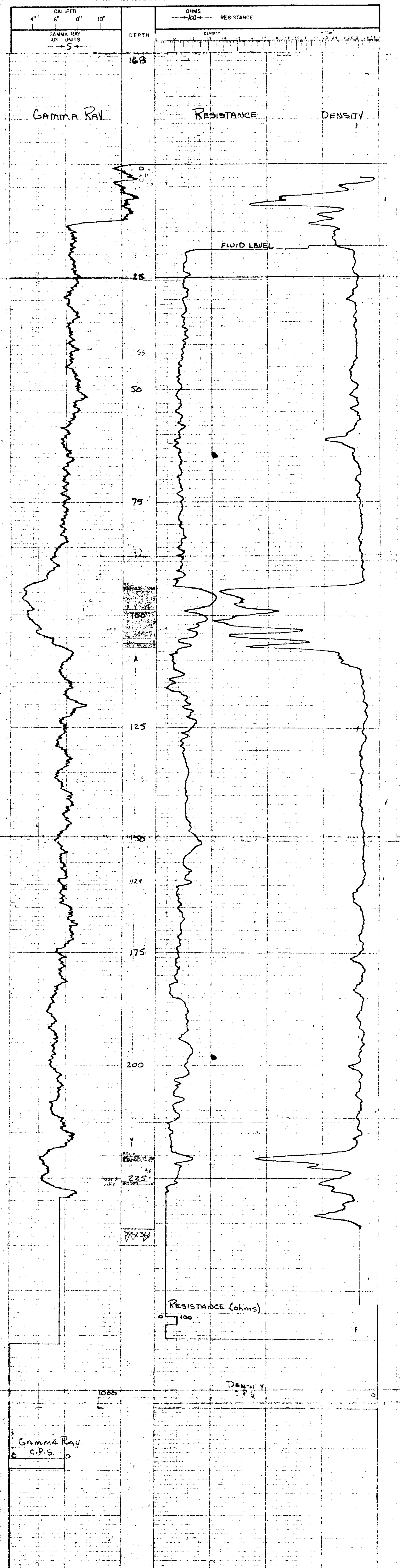
BORE-HOLE RECORD  
 BIT **6"** FROM **Surf** TO **7"** SIZE **Surf** TO **12"**

EQUIPMENT DATA  
 GAMMA RAY  
 TOOL MODEL No. **L-103** TOTAL MODEL No. **L-103** RESISTANCE/DENSITY  
 DIAMETER **2 1/8"** DETECTOR MODEL No. **CP-516** TYPE **F** SPACING **18"** CALIBER  
 LENGTH **3'** HOPE SCALE **100 S/div** HOPE SOURCE MODEL **GS-157**  
 TRUCK No. **2** LOCATION **Capitol River** LOGGING DATA

GENERAL	GAMMA RAY	RESISTANCE	DENSITY
RUN DEPTHS	T.C. SECS	ZERRC	API UNITS
1 240	0 12	4 100	5 1
1 240	0 12	4 100	5 1

REMARKS

**PC**



GAMMA RAY  
 C.P.S.



78-169

**LEXCO TESTING LTD. GAMMA-DENSITY - RESISTANCE**

700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA

HOLE - **QU-18-169** SURVEYED DATA

LOCATION **35+00 SEC 1P RBE W** ELEV **1077**

AREA **Quinsam (ISO 71)** LOC

PROVINCE **BC**

RUN No. **2**

DATE **July 16, 1978**

DEPTH-DRILLER **286' 291'**

DEPTH-LOGGER **286' 291'**

FLUID LEVEL **15hr 130'**

LOGGING TIME **12:30**

DRAWN BY **R. SALK**

RECORDED BY **D. DUNBAR**

WITNESSED BY **S. CALDWELL**

BIT **Surf** BORE-HOLE RECORD

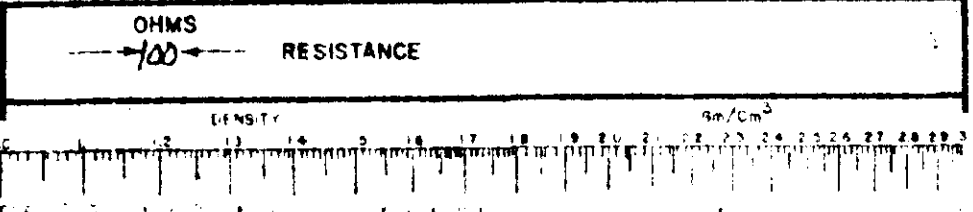
LOGGING DATA

GENERAL

TRUCK No. **2** LOCATION **CAMPBELL RIVER**

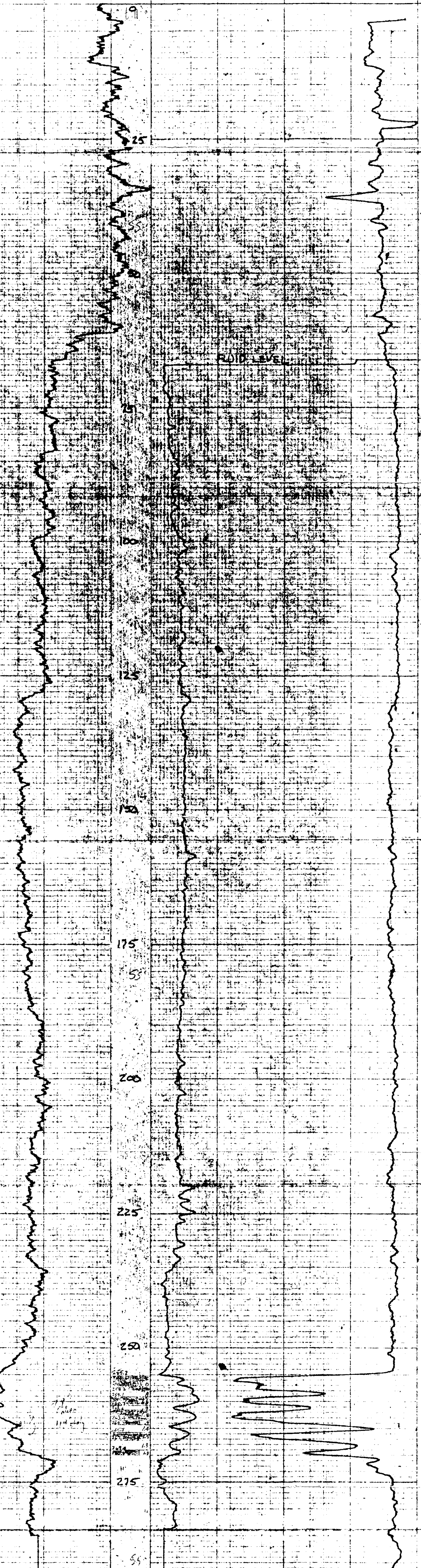
LOGGING DATA

REMARKS



DEPTH **169**

**Gamma Ray RESISTANCE DENSITY**



Resistance (ohms) 0 100

DENSITY c.p.s. 0

Gamma Ray c.p.s. 0

PC

**LEXCO TESTING LTD. GAMMA-DENSITY - RESISTANCE**

700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA.

HOLE **QJ-18-171** SURVEYED DATA

LOCATION **3500ft** SEC **TP** RGE **W** ELEV. **1091'**

AREA **QUINSAM** LOC. **35+4 3511'4"**

PROVINCE **B.C.** **LS171**

RUN No. **2**

DATE **JUL 1, 1978**

DEPTH-DRILLER **240'**

DEPTH-LOGGER **241'**

LOGGING TIME **75 hr Job 1**

DRILLED BY **R. SELK**

RECORDED BY **D. DUNBAR**

WITNESSED BY **S. GARDNER**

BIT **6" SAIF** CASING RECORD

TO **T.D.**

EQUIPMENT DATA

GAMMA RAY TOOL MODEL No. **L-103** RESISTANCE TOOL MODEL No. **L-103** DENSITY TOOL MODEL No. **L-103** CALIPERS

DIAMETER **2 1/8"** TYPE **ME** SIZE **2 1/8"** F **2 1/8"**

DETECTOR MODEL No. **CP-516** SCINT **ME** LENGTH **13"**

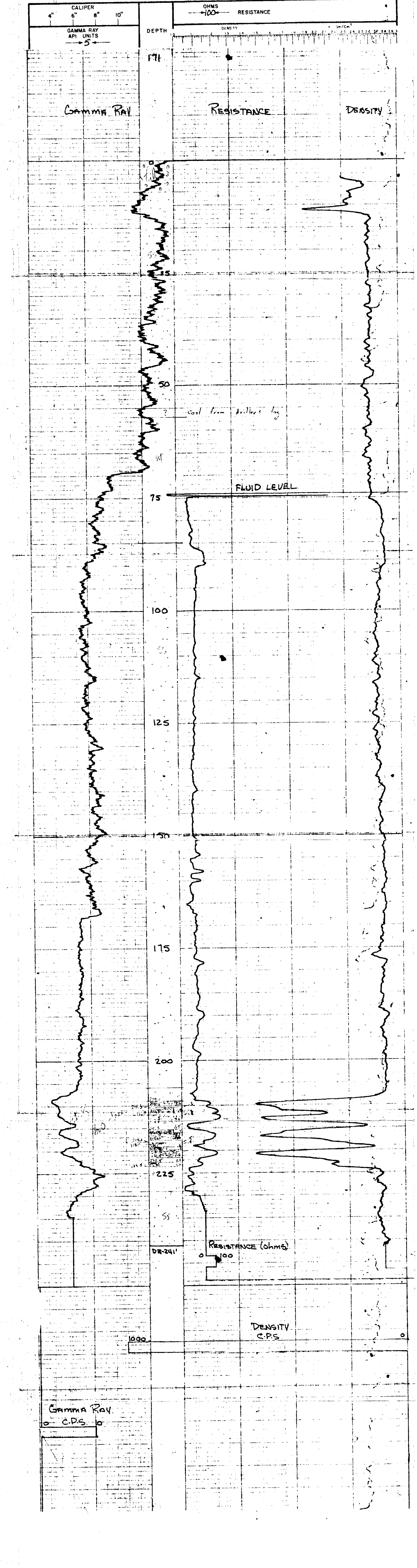
GENERAL TRUCK No. **2** HOPE SCALE **1000 LB** HOUR

LOCATION **CAMPBELL RIVER** ISOTOPE **CS-137** SOURCE MODEL **CS-137** HOPE

STRENGTH **125 m.c.**

GENERAL	GAMMA RAY	DENSITY
NO. FROM	SPEED T.C. SENS. ZERO	API UNITS T.C. SENS. ZERO
TO	F/AMM SEC. SETTINGS	PER DIV SEC. SETTINGS
1	241' 0	12 4
2	100	100
3		5
4		1
5		15

REMARKS **PC**





71-172

**LEXCO TESTING LTD. GAMMA-DENSITY - RESISTANCE**

700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA

HOLE QU-18-172 SURVEYED DATA

LOCATION 42+50 L SEC TP RGE W ELEV. 1100

AREA QUINSMAN LOC. 100-110-11

PROVINCE BC (5271)

DATE July 6, 1978

DEPTH-DRILLER 280'

DEPTH-LOGNER 192'

LOGGING TIME 15 hr total

DRILLED BY H. WILSON

RECORDED BY D. DUBOAR

WITNESSED BY S. GARDNER

BORE-HOLE RECORD

BIT 5 1/2" FORM 14 CASING RECORD

4 1/2" FORM 14 5 1/2" FORM 14

GENERAL DATA

GAMMA RAY TOOL MODEL NO. L-103 TOTAL WIRE NO. L-103 RESISTANCE 1-103 DENSITY 1-103 CALIBER 1 1/2"

DIAMETER 2 1/8" DIAMETER 2 1/8" DIAMETER 2 1/8"

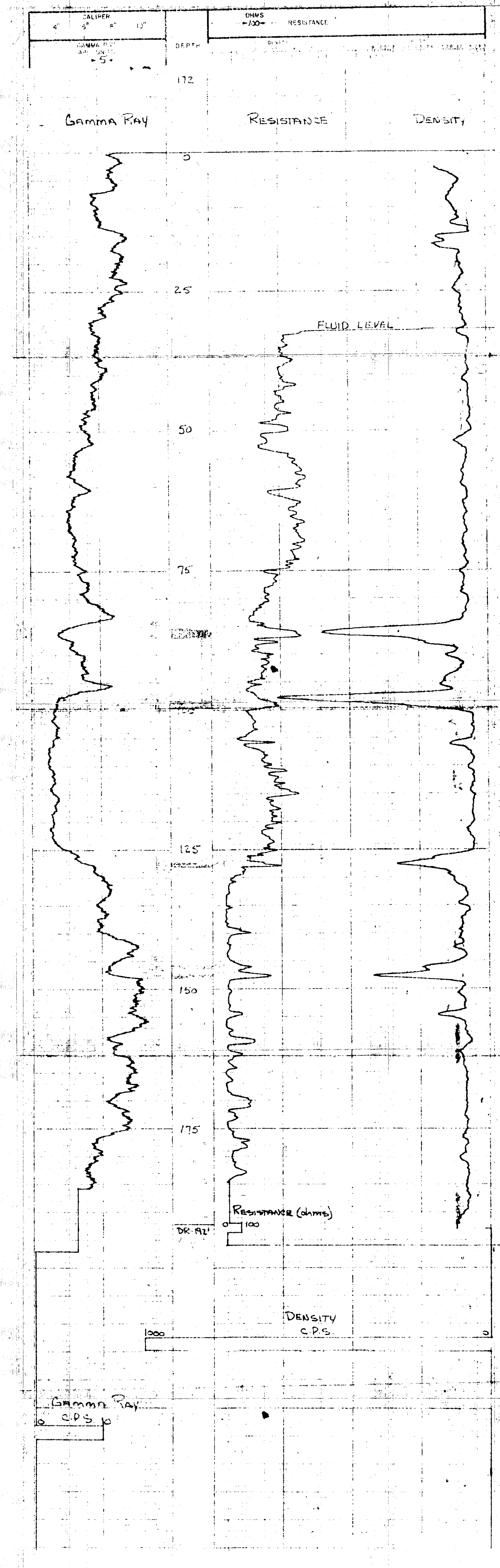
DETECTOR MODEL NO. 100-110-11 TYPE 100-110-11 SPACING 3"

GENERAL TRUCK No. 2 SOURCE MODEL 100-110-11 HOVER 100-110-11

LOCATION Campbell River SCISSOR 100-110-11 STRENGTH 100-110-11

GENERAL RUN DEPTHS FROM 172 TO 172 SPEED 0 SEC 12 SEC 4 SEC 100

REMARKS PC





78-173

**LEXCO TESTING LTD. GAMMA-DENSITY - RESISTANCE**

700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA

HOLE QJ-18-173 SURVEYED DATA  
 LOCATION 40+00 SEC TP RGE W ELEV. 1055  
 AREA QUINSBAY LOC. 15371  
 PROVINCE B.C.

RUN No. 2  
 DATE July 7, 1978  
 DEPTH-DRILLER 204'  
 DEPTH-LOGGER 205'  
 FLUID LEVEL 144.5'  
 LOGGING TIME 1.5 hr. total  
 DRILLED BY R. Selk  
 RECORDED BY D. Dunlop  
 WITNESSED BY S. Anderson

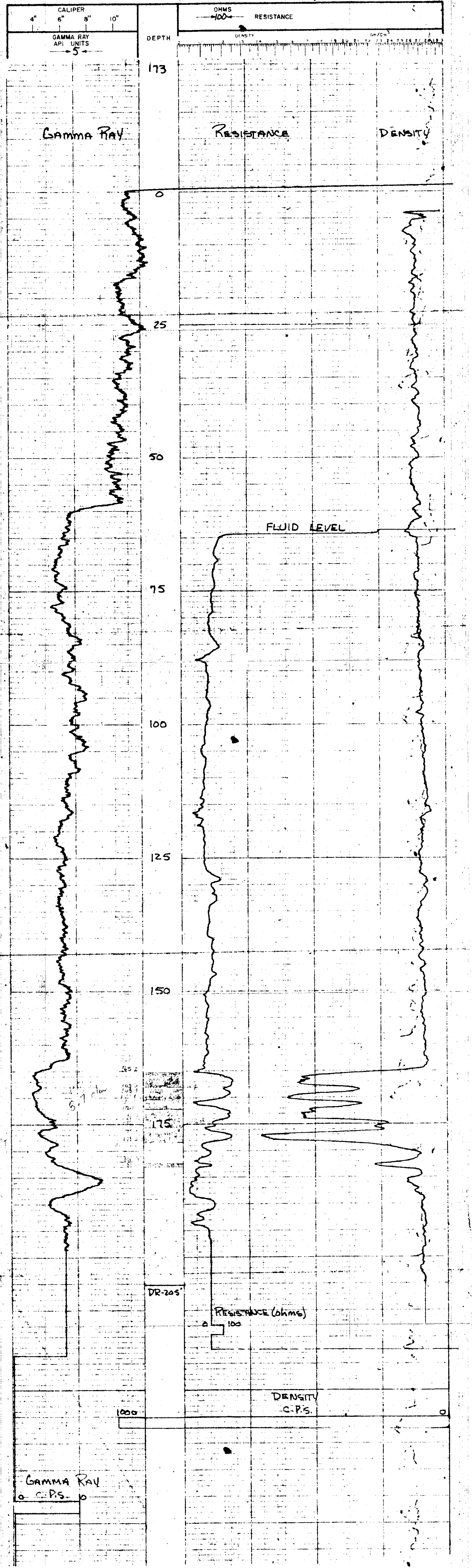
BIT 6" FROM SURF TO T.D. CASING RECORD  
 BORE-HOLE RECORD

EQUIPMENT DATA  
 GAMMA RAY TOOL MODEL No. L-103 RESISTANCE TOOL MODEL No. L-103 DENSITY TOOL MODEL No. L-103 CALIPER  
 DIAMETER 2 1/8" DIAMETER 2 1/8"  
 DETECTOR MODEL No. CP-316 TYPE ME ME F  
 TYPE SCINT SCINTING 13"

GENERAL LOGGING DATA  
 TRUCK No. 2 HOV SCALE 100 R/L HOV  
 LOCATION CAMPBELL RIVER ISOTOPE CS-137 STRENGTH 125 m.c.

GENERAL		GAMMA RAY		DENSITY				
RUN No.	DEPTHS	SPEED F/Min	T.C. SEC	SENS. ZERO	API UNITS PER DIV	T.C. SEC	SENS. SETTINGS	ZEROC
1	0	12	4	100	5	1	1K	

REMARKS:  
**PC**



78-174

**LEXCO TESTING LTD. GAMMA-DENSITY - RESISTANCE**

700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA.

HOLE Q0-78-174 SURVEYED DATA  
 LOCATION 4750 ft SEC TP RGE W ELEV. 1098'  
 AREA QUINSAM LOC.  
 PROVINCE 13 QLS-71 39+82 4735 ft.

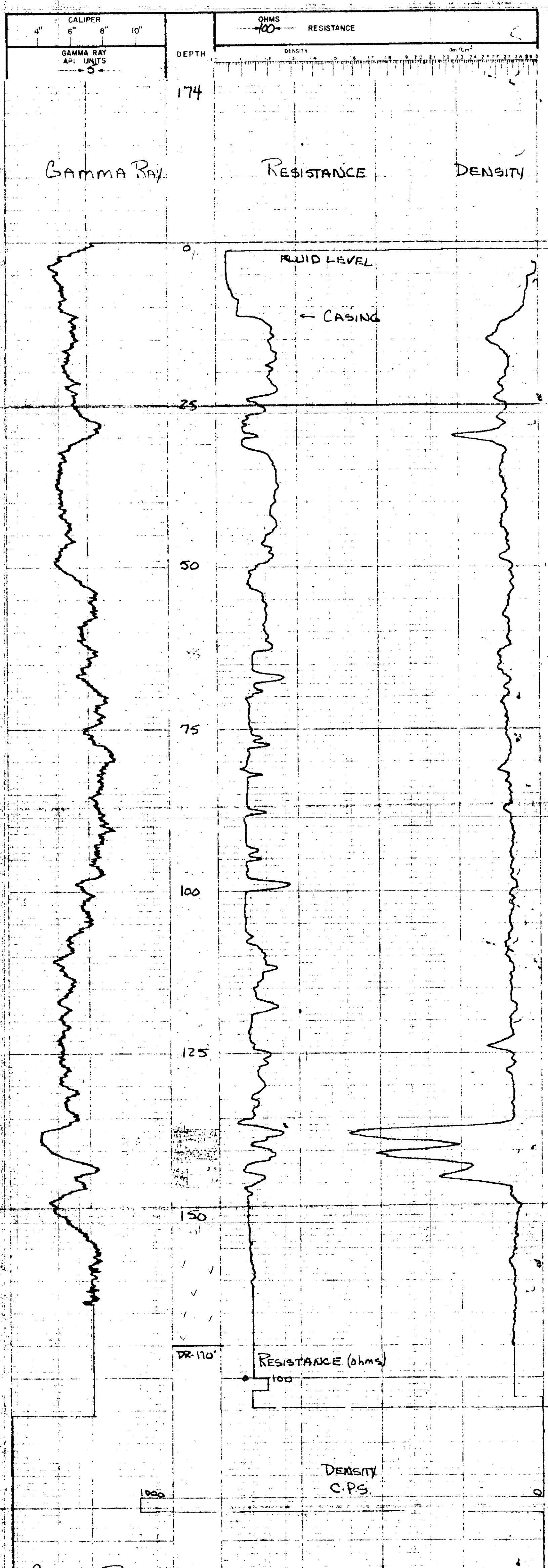
RUN No. 2  
 DATE July 8, 1978  
 DEPTH - DRILLER 170'  
 DEPTH - LOGGER 170'  
 FLUID LEVEL Full  
 LOGGING TIME 3 hr (at 1)  
 DRILLED BY D. SALK  
 RECORDED BY D. DUNBAR  
 WITNESSED BY S. SHARON

BORE-HOLE RECORD  
 BIT 6" FROM Surf TO T.D. SIZE  FROM  TO   
 CASING RECORD  
 EQUIPMENT DATE

GAMMA RAY  
 TOOL MODEL No. L-103 TOOL MODEL No. L-103 RESISTANCE L-103 DENSITY L-103 CALIBER   
 DIAMETER 2 1/8" DIAMETER 2 1/8" ME 2 1/8"  
 DETECTOR MODEL No. CP-516 TYPE F ME 15"  
 TYPE SCINT SCINT 3"  
 LENGTH 3" LENGTH   
 GENERAL  
 TRUCK No. 2 HOR SCALE 100 STDIV HOVP   
 LOCATION CAMPBELL SOURCE MODEL  CS-137   
 LOCATION 2150E ISOTOPE  CS-137   
 LOGGING DATA

GENERAL		GAMMA-RAY		GAMMA-RAY		GAMMA-RAY		GAMMA-RAY		GAMMA-RAY	
DEPTH	TO	SPEED	TC	SENS	ZERO	API	UNITS	TC	SENS	ZERO	API
No.	FROM	TO	SECT	SECT	SECT	PER	DIV.	SECT	SECT	SECT	PER
1	170'	0	12	4	100	5	1	1	15		

REMARKS  
**PC**



28-175

**LEXCO TESTING LTD. GAMMA-DENSITY - RESISTANCE**

700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA

HOLE Q-18-175

LOCATION 45th St. 1600 Ft. SEC. TP. RGE. W. ELEV. 1322

AREA QUINSMAN PROV. B.C. L-5571 LOC. 45-49 977.21

PROVINCE B.C. L-5571

RUN No. 2  
 DATE July 6, 1978  
 DEPTH-DRILLER 190'  
 DEPTH-LOGGER 185'  
 FLUID LEVEL 32'  
 LOGGING TIME 32'  
 DRILLED BY KENS DILL  
 RECORDED BY D. DUBOIS  
 WITNESSED BY S. GARDNER

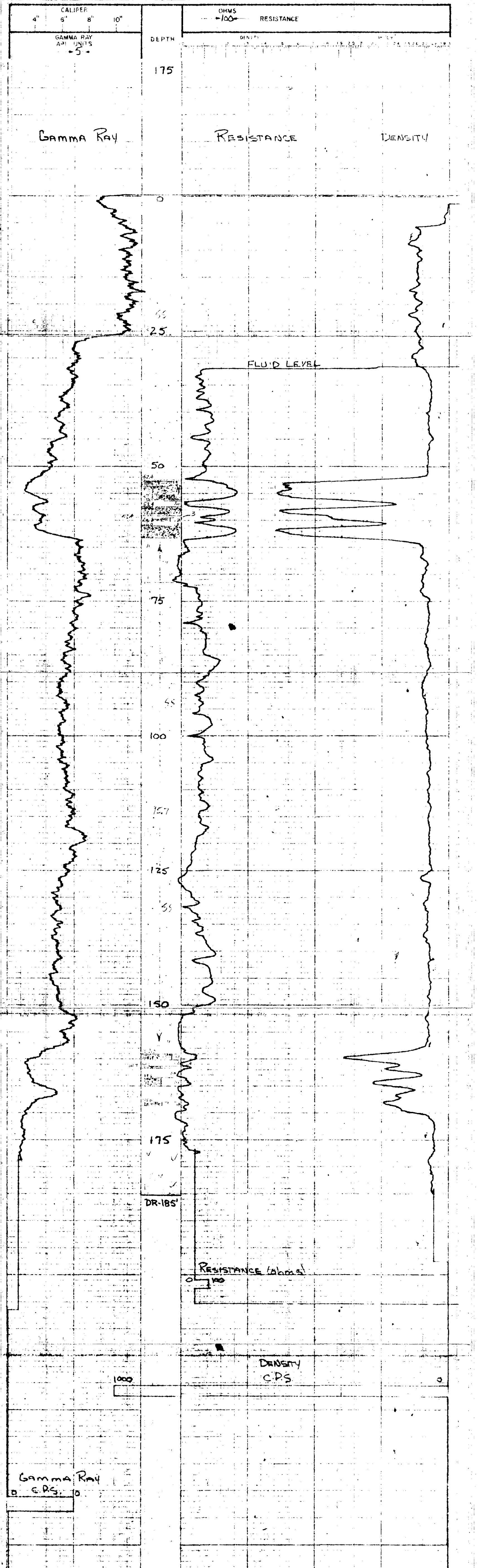
BORE-HOLE RECORD  
 BIT 6" SURF T.P.  
 EQUIPMENT LIST  
 CASING RECORD

GAMMA RAY  
 TOOL MODEL No. L-103  
 DETECTOR MODEL No. 2 1/8"  
 TYPE SCINT  
 LENGTH 3'

GENERAL  
 TRUCK No. 2  
 LOCATION CAMPBELL RIVER

GENERAL	GAMMA RAY	DENSITY	RESISTANCE
DEPTH FROM TO	FEET	SEC. ST. TING	APR. UNITS PER DIV
1 185	0 12	4 100	5 1

REMARKS  
 PC





78-176

**LEXCO TESTING LTD. GAMMA-DENSITY - RESISTANCE**

700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA

HOLE QU-1A-176 SURVEYED DATA

LOCATION 35+00 1500 FT SEC TP RGE W ELEV. 1089'

AREA QUINSMAN LOC. \_\_\_\_\_

PROVINCE BC 15671 35+22 2448.4'

DATE JULY 7, 1978

DEPTH-DRILLER 305'

DEPTH-LOGGER 288'

FLUID LEVEL 59.8'

LOGGING TIME 1 hr 20 min

DRILLED BY H. VINCENT

RECORDED BY D. SHAW

WITNESSED BY D. SHAW

BIT 4 1/2" SPT TO T.D.

BORE-HOLE RECORD FROM \_\_\_\_\_ TO \_\_\_\_\_

EQUIPMENT DATA

GAMMA RAY TOOL MODEL NO. L-103 RESISTANCE TOOL MODEL NO. L-103 DENSITY TOOL MODEL NO. L-103 CALIPER

DIAMETER 2 1/8" DIAMETER 2 1/8" DIAMETER 2 1/8"

DETECTOR MODEL NO. CF-516 TYPE ME ME F F 13"

TYPE SCINT SCINT SPACING SPACING 1"

LENGTH 3' LENGTH 1'

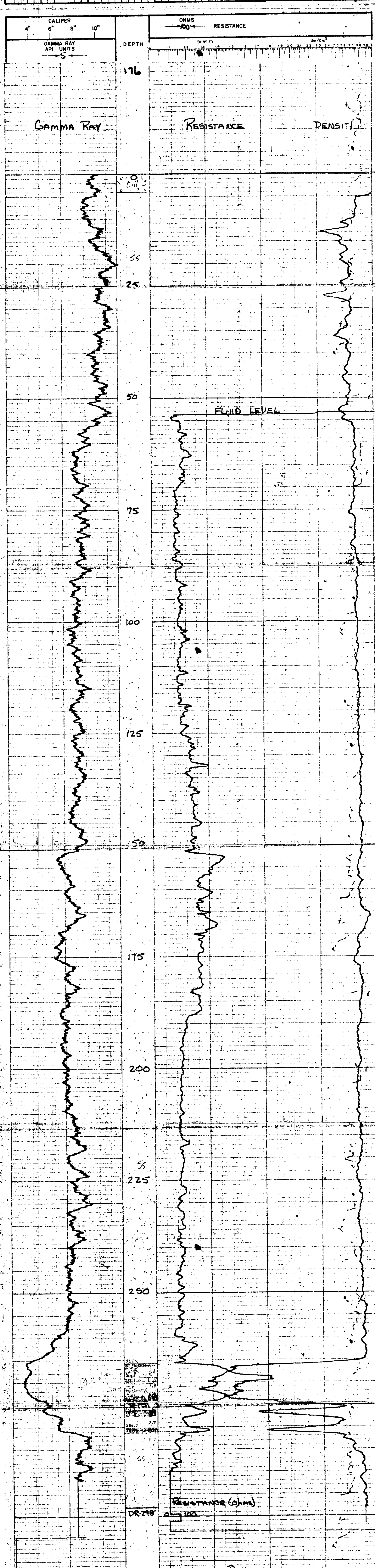
GENERAL TRUCK NO. 2 HOR SCALE 100 G.M.P. HOOP

LOCATION CAMPBELL RIVER ISOTOPE CS-137 CS-137

LOGGING DATA

GENERAL RUN NO. 1 SPEED 100 T.C. SENS. ZERO 5 API UNITS PER DIV. 1 T.C. SENS. SETTINGS 1K DENSITY ZERO

REMARKS: **PC**



GAMMA RAY  
G.P.S. 0

78-177

**LEXCO TESTING LTD. GAMMA-DENSITY - RESISTANCE**

700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA

HOLE QU-78-177 SURVEYED DATA

LOCATION 4500 SEC TP RGE W ELEV. 155

AREA QUINSMAN B.C. (LS77) 71 LOC. 111-1-157

PROVINCE B.C. 2

RUN No. DATE July 1, 1978

DEPTH-DRILLER 224' 22.5'

DEPTH-LOGGER 22.5'

FLUID LEVEL 75m to 1'

LOGGING TIME 75m to 1'

DRILLED BY K&M Drilling

RECORDED BY D. DUNBAR

WITNESSED BY S. Campbell

BORE-HOLE RECORD BIT FROM TO

6" SURF T.D. 6" SURF 11'

EQUIPMENT DATA

GAMMA RAY TOOL MODEL No. L-103 RESISTANCE TOOL MODEL No. L-103 CALIPER

DIAMETER 2 1/8" CP-516 TYPE ME F

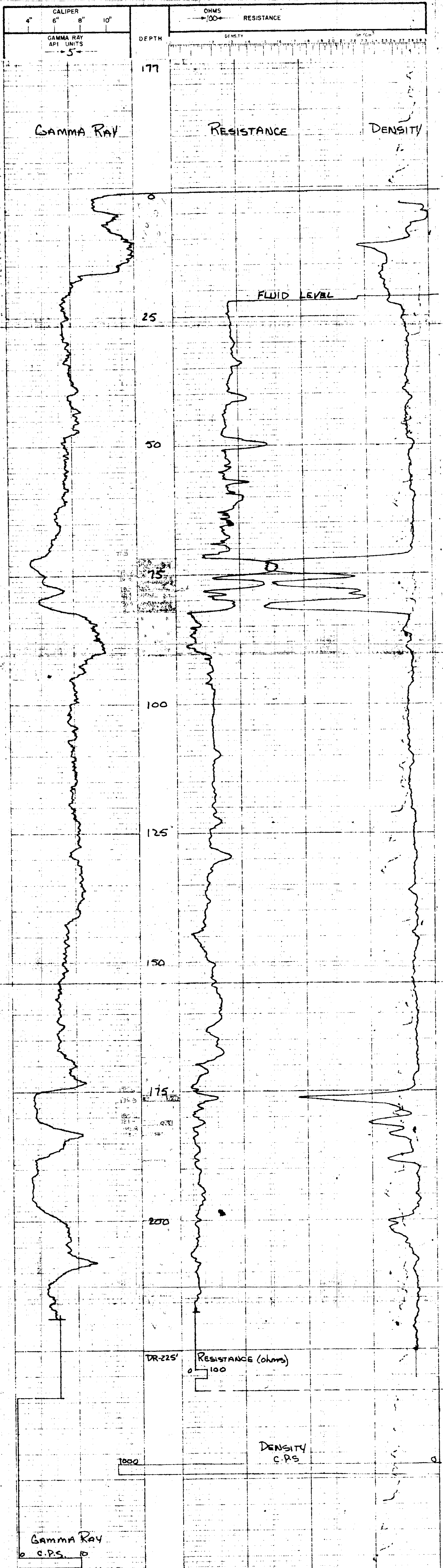
DETECTOR MODEL No. CP-516 SCINT 13"

LENGTH 3" HOR SCALE 100 API

TRUCK No. 2 CAMPBELL LOCATION RIVER

GENERAL				GAMMA RAY				DENSITY			
DEPTH	FROM	TO	SPD	T.C.	SENS	ZERO	API	UNITS	T.C.	SENS	ZERO
1	225	0	12	4	100		5		1	100	

REMARKS



GAMMA RAY 0 C.P.S.

PC



78-178

**LEXCO TESTING LTD. GAMMA-DENSITY - RESISTANCE**

700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA

HOLE Q U-18-118 SURVEYED DATA  
 LOCATION 40+00 SEC. TP RGE W ELEV. 1091'  
 AREA QUINSBAM (L58) 71 LOC.  
 PROVINCE B.C. 39-15 4280' LT.

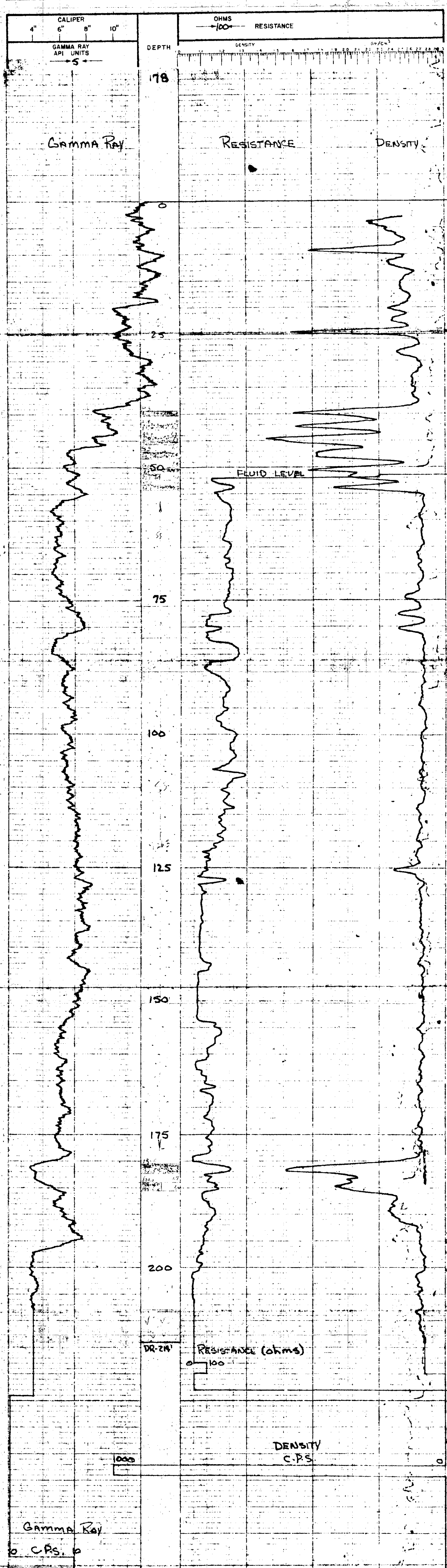
RUN No. 2  
 DATE JULY 1978  
 DEPTH-DRILLER 215'  
 DEPTH-LOGGER 214'  
 FLUID LEVEL 75H-104'  
 LOGGING TIME 75H-104'  
 DRILLED BY H. VINCENT  
 RECORDED BY D. DUNBAR  
 WITNESSED BY S. GARBARER

BIT FROM SURF TO T.D.  
 BORE-HOLE RECORD  
 EQUIPMENT DATA

GAMMA RAY		TOOL MODEL No.		RESISTANCE		DENSITY		CALIPER	
TOOL MODEL No.	L-103	TOOL MODEL No.	L-103	RESISTANCE	L-103	DENSITY	L-103	CALIPER	L-103
DIAMETER	2 1/8"	DIAMETER	2 1/8"	DIAMETER	2 1/8"	DIAMETER	2 1/8"	DIAMETER	2 1/8"
DETECTOR MODEL No.	GP-516	DETECTOR MODEL No.	GP-516	DETECTOR MODEL No.	GP-516	DETECTOR MODEL No.	GP-516	DETECTOR MODEL No.	GP-516
TYPE	SCINT	TYPE	SCINT	TYPE	SCINT	TYPE	SCINT	TYPE	SCINT
LENGTH	3'	LENGTH	3'	LENGTH	3'	LENGTH	3'	LENGTH	3'
TRUCK No.	2	TRUCK No.	2	TRUCK No.	2	TRUCK No.	2	TRUCK No.	2
LOCATION	Quinsbamm	LOCATION	Quinsbamm	LOCATION	Quinsbamm	LOCATION	Quinsbamm	LOCATION	Quinsbamm
LOGGING DATA	LOGGING DATA	LOGGING DATA	LOGGING DATA	LOGGING DATA	LOGGING DATA	LOGGING DATA	LOGGING DATA	LOGGING DATA	LOGGING DATA
GENERAL	GENERAL	GENERAL	GENERAL	GENERAL	GENERAL	GENERAL	GENERAL	GENERAL	GENERAL
HOPE SCALE	HOPE SCALE	HOPE SCALE	HOPE SCALE	HOPE SCALE	HOPE SCALE	HOPE SCALE	HOPE SCALE	HOPE SCALE	HOPE SCALE
SOURCE MODEL	CS-137	SOURCE MODEL	CS-137	SOURCE MODEL	CS-137	SOURCE MODEL	CS-137	SOURCE MODEL	CS-137
ISOTOPE	CS-137	ISOTOPE	CS-137	ISOTOPE	CS-137	ISOTOPE	CS-137	ISOTOPE	CS-137
STRENGTH	125 mCi	STRENGTH	125 mCi	STRENGTH	125 mCi	STRENGTH	125 mCi	STRENGTH	125 mCi

GENERAL		GAMMA RAY		DENSITY	
DEPTH	0	DEPTH	0	DEPTH	0
TO	12	TO	12	TO	12
FROM	0	FROM	0	FROM	0
API UNITS	5	API UNITS	5	API UNITS	5
PER DIV	1	PER DIV	1	PER DIV	1
SETTINGS	1K	SETTINGS	1K	SETTINGS	1K

REMARKS  
**PC**





**LEXCO TESTING LTD. GAMMA-DENSITY - RESISTANCE**

700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA.

78-179 (c)

HOLE QU-18-179(c) SURVEYED DATA

LOCATION 9750 Lt SEC TP RGE W ELEV. 1151

AREA QUINSMR LOC. 1151

PROVINCE B.C. **15971**

DATE JULY 7, 1978

DEPTH - DRILLER 50' 57'

DEPTH - LOGGER 57'

FLUID LEVEL 5 hr total

LOGGING TIME 5 hr total

DRILLED BY R. SELK

RECORDED BY D. PUNBAR

WITNESSED BY S. GARDNER

BORE-HOLE RECORD FROM TO

BIT 5 5/8" FROM Surf TO T.D.

EQUIPMENT DATA

GAMMA RAY TOOL MODEL No. L-103 RESISTANCE TOOL MODEL No. L-103 DENSITY TOOL MODEL No. L-103 CALIPER

DIAMETER 2 1/8" DIAMETER 2 1/8" ME 2 1/8"

DETECTOR MODEL No. CP-516 TYPE ME SCINT F

LENGTH 3 LENGTH 1" HOR. SCALE 100 D.D.W. HOVP CS-137

TRUCK No. 2 SOURCE MODEL 100 D.D.W. ISOTOPE CS-137 STRENGTH 125 mC

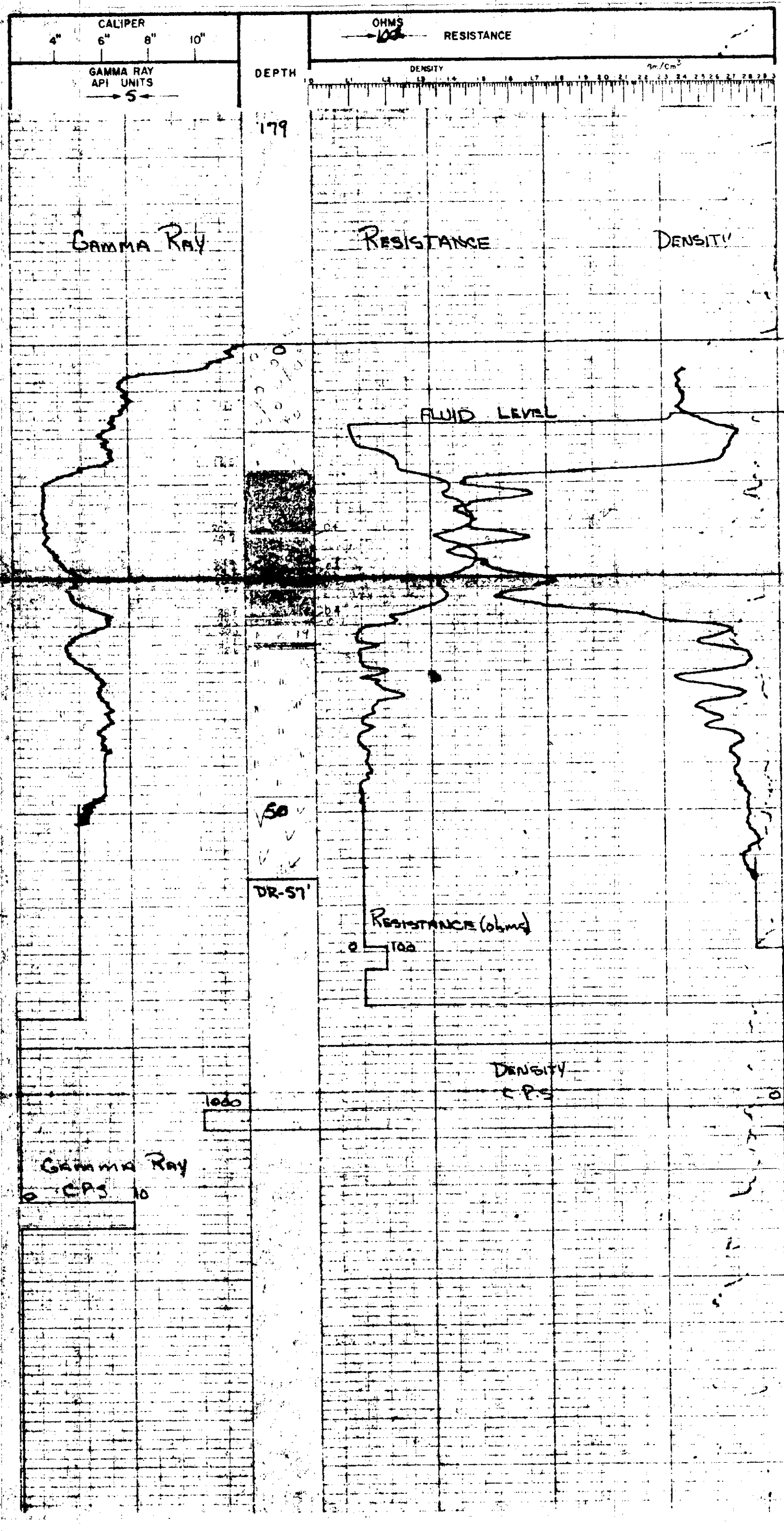
LOCATION CANADIAN RIVER LOGGING DATA

GENERAL DEPTHS SPEED T.C. SENS. ZERO API UNITS T.C. SENS. ZERO

1 FROM 0 TO 12 4 100 5 1 11K

REMARKS:

PC







78-255

**LEXCO TESTING LTD. GAMMA-DENSITY - RESISTANCE**

700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA

HOLE **DJ-78-255** SURVEYED DATA

LOCATION **7+50 H SEC TP RGE W** ELEV. 1196

AREA **DUNSMuir (231)** LOC T-51-4985UT

PROVINCE **B.C.**

DATE **JUN 24 1978**

DEPTH - DRILLER **200'**

DEPTH - LOGGER **200'**

LOGGING TIME **1:50**

OPERATED BY **H. YACUBI**

RECORDED BY **D. FALSBURG**

WITNESSED BY **R. KENNEDY**

BORE-HOLE RECORD TO

BY **4 1/2" SURF** TO **11 1/2" SURF** SIZE **5 1/2" SURF** # **40**

EQUIPMENT DATA

GAMMA PAV. **1-03** CONSTANT/DENSITY CALIBER

SOFT MODEL No. **1-03** HARD MODEL No. **1-03**

DIAMETER **2 1/8** INCH

DETECTOR MODEL No. **01-010** VOLTAGE **120**

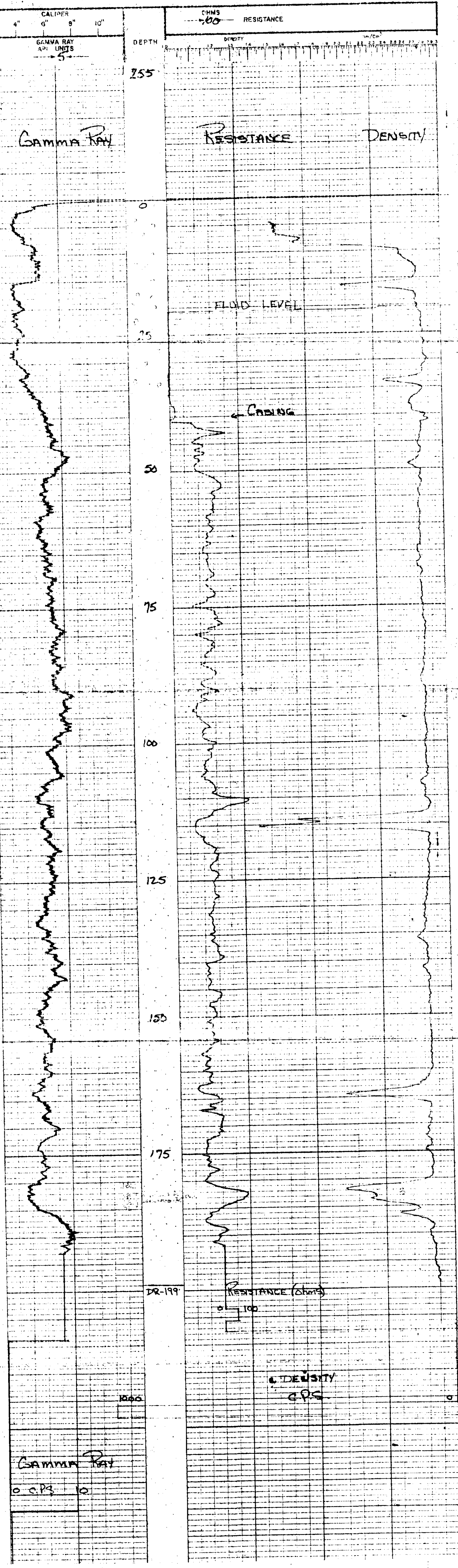
TRUCK No. **2** HOPE SCALE **1000**

LOGGING DATA

RUN No.	DEPTH TO	DEPTH FROM	SECS	SECS	SECS	SECS	API UNITS	API UNITS	API UNITS	SECS	SECS
1	0	12	11	120	5	1	1	1	1	1	1

REMARKS

**PC**





208-256

**LEXCO TESTING LTD. GAMMA-DENSITY - RESISTANCE**

700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA

HOLE: 20-13-150  
 LOCATION: 14+30 3300 LT SEC 7P RGE W  
 SURVEYED DATA: ELEV. 1161

AREA: QUINCY (L3) 71  
 PROVINCE: 13.0

DATE: 5-4-11  
 DEPTH-DRILLER: 112  
 DEPTH-LOGGER: 117  
 FLUID LEVEL: 5  
 LOGGING TIME: 5  
 DRILLED BY: H. WILSON  
 RECORDED BY: H. WILSON  
 WITNESSED BY: K. STANLEY

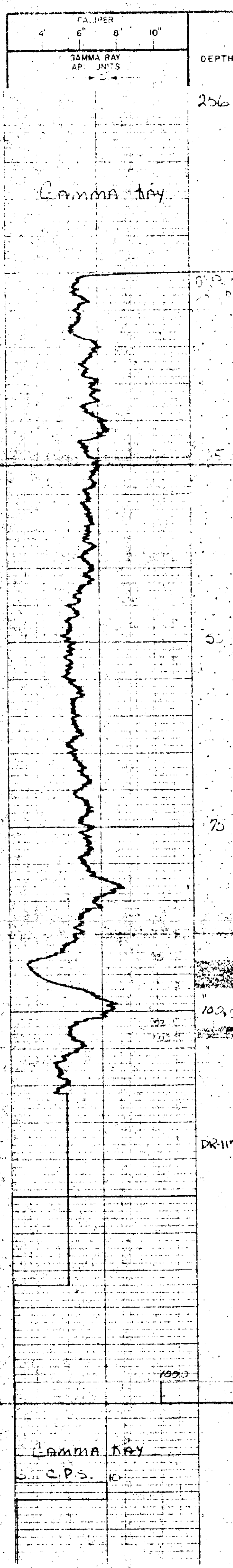
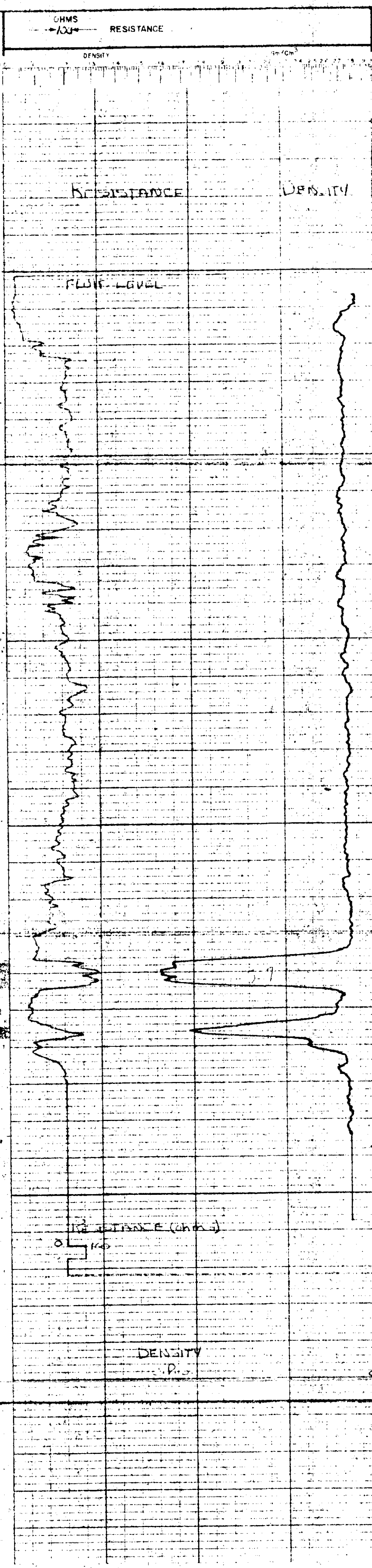
BONE-HOLE RECORD: 10  
 CASING RECORD: 10  
 BIT: 4 1/2" FROM: 10 TO: 107  
 EQUIPMENT: 10

GAMMA RAY: L-103  
 TOOL MODEL No: L-103  
 DIAMETER: 2 1/8"  
 DETECTOR MODEL No: 3-516  
 TYPE: SCINT  
 LENGTH: 13"

GENERAL: TRUCK No: CAMPBELL  
 LOCATION: KAWAR  
 HIGH SOURCE: 100-117  
 SOURCE MODEL: CF-137  
 ISOTOPE: 137Cs  
 STRENGTH: 125mCi

GENERAL: SPEED: 100  
 DEPTH: 10  
 FROM: 10  
 TO: 107  
 SEC DETTING: 4  
 PER DIV: 5  
 T: 1  
 SENS: 1K

Run No	DEPTH	FROM	TO	SEC	DET	PER DIV	T	SENS	ZEPC	AP	UNITS	PER DIV	SEC	SENS	ZEPC
1	107	0	1	4	1K	5	1	1K							



PC

78-257

**LEXCO TESTING LTD. GAMMA-DENSITY - RESISTANCE**

700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA.

HOLE QU-78-257 SURVEYED DATA

LOCATION 5150th SEC TP RGE W ELEV. 162

AREA Quinsam LOC. 12745-5729.41

PROVINCE BC (471)

DATE Aug 23, 1978

DEPTH-DRILLER 178'

DEPTH-LOGGER 178'

LOGGING TIME 10'

DRILLED BY H. WILKETT

RECORDED BY D. QUINNAM

WITNESSED BY P. ROSSIGNOL

BIT 4 1/2" Sulf TO 10' CASING RECORD FROM Sulf TO 10'

EQUIPMENT DATA

TOOL MODEL No. L-103 TOOL MODEL No. L-103 RESISTANCE DENSITY CALIPER

DIAMETER 2 1/8" DIAMETER 2 1/8"

DETECTOR MODEL No. CP-516 TYPE NE F 2 1/8"

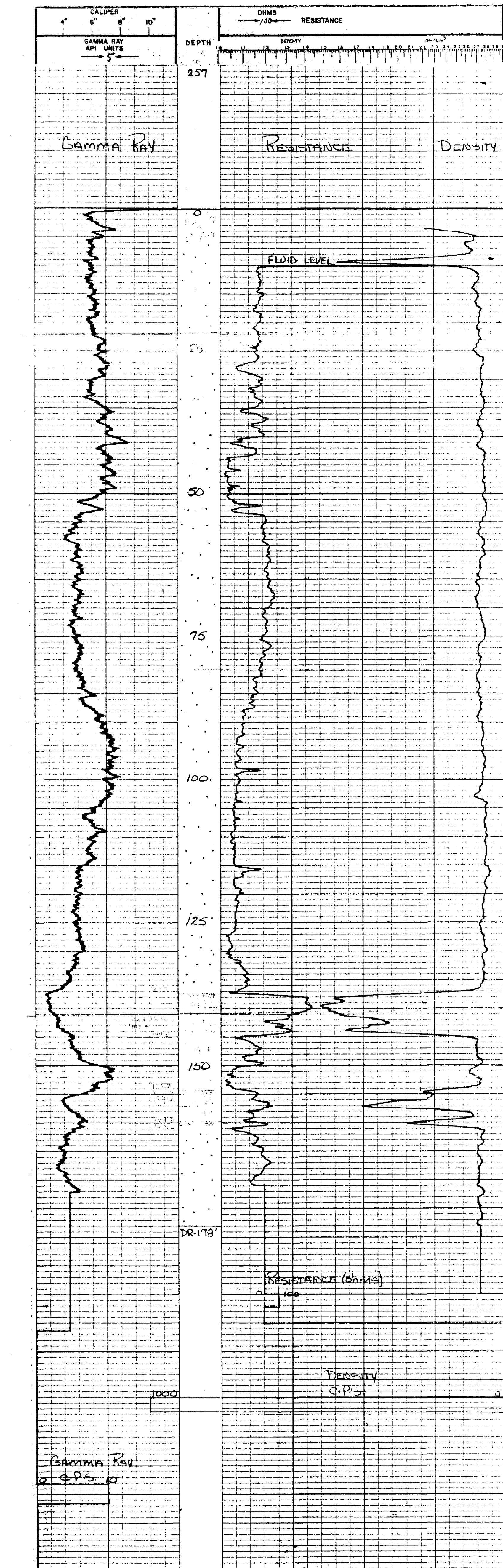
SCINT 13"

TRUCK No. 2 SOURCE MODEL HOPE

LOCATION Campanell ISOTOPE CS-137

REMARKS

PC



GAMMA RAY  
0 EPS 0

DR-178'

1000

RESISTANCE (OHMS)

Density  
g/cm³







78-259

**LEXCO TESTING LTD. GAMMA-DENSITY - RESISTANCE**

700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA.

HOLE QU-78-259 SURVEYED DATA

LOCATION 2+50 1/2 SEC TP. RGE. W ELEV. 1157

AREA QUINISAMOC LOC. 247-5023J

PROVINCE B.C.

RUN NO. 2

DATE Aug 30, 1978

DEPTH - ORIFER 3150

DEPTH - LOGGER 258

FLUID LEVEL 15' IN HOLE

LOGGING TIME 1:15

LOGGED BY M. G. GIBSON

INTERPRETED BY D. J. B. BIRCH

BIT 5 1/2" SURF CASING RECORD FROM TO

SIZE 5 1/2" SURF TO

TOOL JOBS

TOOL JOBS NO. 1-103 TOOL JOBS NO. 1-103 RESISTANCE DENSITY CALIPER

DIAMETER 2 1/8 DIAMETER 2 1/8

DETECTOR MODEL NO. CP-516 TYPE ME F 2 1/8

LENGTH 3 LENGTH 1 SPACING 15'

GENERAL TRUCK NO. 2 HOUR SCALE 1000 S.L. 100 HOVP

LOCATION Quiniamoc ISOTOPE CS-137

LOGGING DATA LOGGING DATA

GENERAL RUN DEPTH SPEED T.C. SENS ZERO GAMMA RAY

API UNITS PER DIV. T.C. SENS ZERO DENSITY

REMARKS:

2

Gamma Ray

RESISTANCE

DENSITY

FLUID LEVEL

RESISTANCE (ohms)

DENSITY G.P.S.

DR-258

Gamma Ray

C.P.S.

78-260

**LEXCO TESTING LTD. GAMMA-DENSITY - RESISTANCE**

700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA.

HOLE QU-18-260 SURVEYED DATA

LOCATION 4150 1/2 SEC TP RGE W ELEV. 1165

AREA QUINSAM LOC. 2-59-47TCLT

PROVINCE B.C. (2771)

DATE Aug. 30, 1978

DEPTH-DRILLER 178'

DEPTH-LOGGER 178'

FLUID LEVEL 47'

LOGGING TIME 5 1/2

DRILLED BY H. VANCE

RECORDED BY R. DAWSON

WITNESSED BY R. DAWSON

BIT 4 1/2" Sulf T.D.

EQUIPMENT DATA

GAMMA RAY TOOL MODEL No. L-103 RESISTANCE TOOL MODEL No. L-103 DENSITY TOOL MODEL No. L-103 CALIPER

DIAMETER 2 1/8" DIAMETER 2 1/8" DIAMETER 2 1/8"

DETECTOR MODEL No. GP-516 TYPE ME TYPE F

SCINT 15"

LENGTH 3"

TRUCK No. 2 HOR. SCALE 100 FLD/V

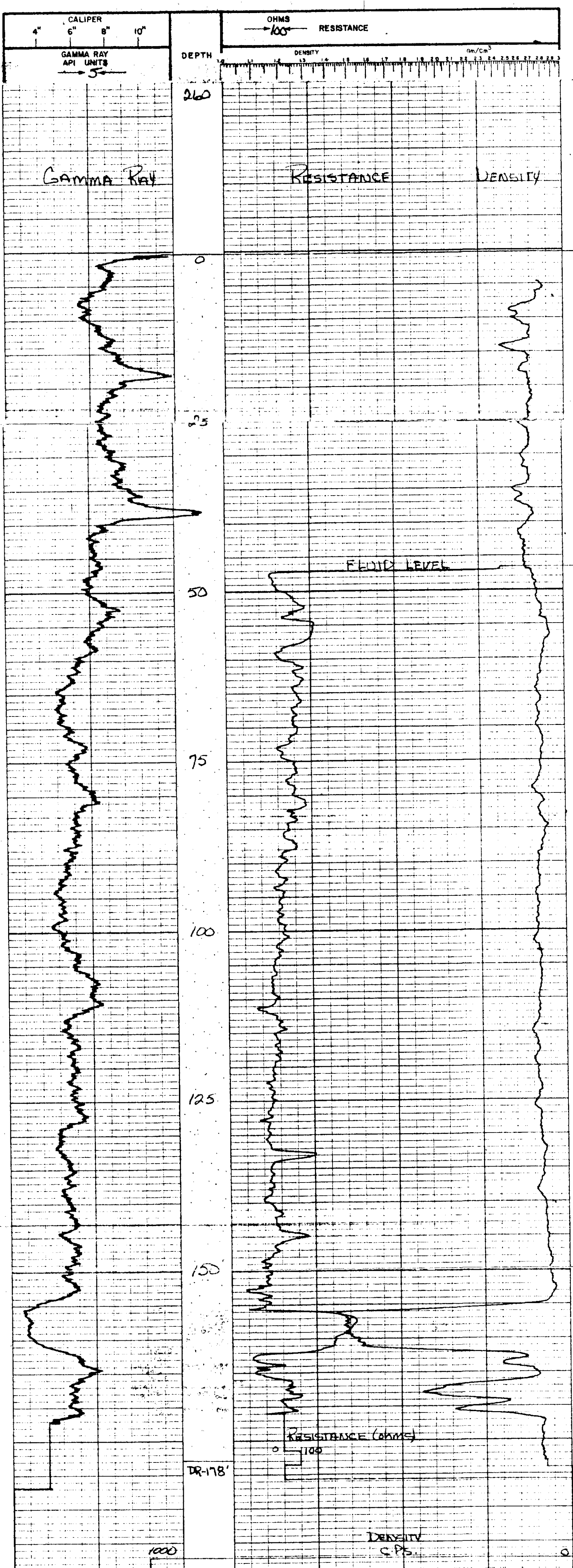
LOCATION CAMPASK RIVER ISOTOPE CS-137 HOVP

LOGGING DATA

GENERAL		GAMMA RAY		RESISTANCE		DENSITY	
Run No.	Depths	T.C.	Sens.	Zero	API Units	T.C.	Sens.
From	To	F/v/min	Sec.	Settings	Per Div.	Sec.	Settings
1787	0	12	4	100	5	1	1K

REMARKS:

PC





178-261

**LEXCO TESTING LTD. GAMMA-DENSITY - RESISTANCE**

700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA.

HOLE QU-78-261 SURVEYED DATA

LOCATION 2+50 ASCOLT SEC TP RGE W ELEV. 1142

AREA QUINSBURY LOC. 2400-4518-27

PROVINCE B.C.

DATE Aug 31, 1978

DEPTH - DRILLER 3200'

DEPTH - LOGGER 198'

FLUID LEVEL 198'

LOGGING TIME 7:55 AM EST

DRILLED BY H. VALENT

RECORDED BY D. DUNBAR

WITNESSED BY R. KENNEDY

BIT SOFT SIZE 5 1/2" CASING RECORD NO

BIT SOFT SIZE 5 1/2" CASING RECORD NO

BIT SOFT SIZE 5 1/2" CASING RECORD NO

BIT SOFT SIZE 5 1/2" CASING RECORD NO

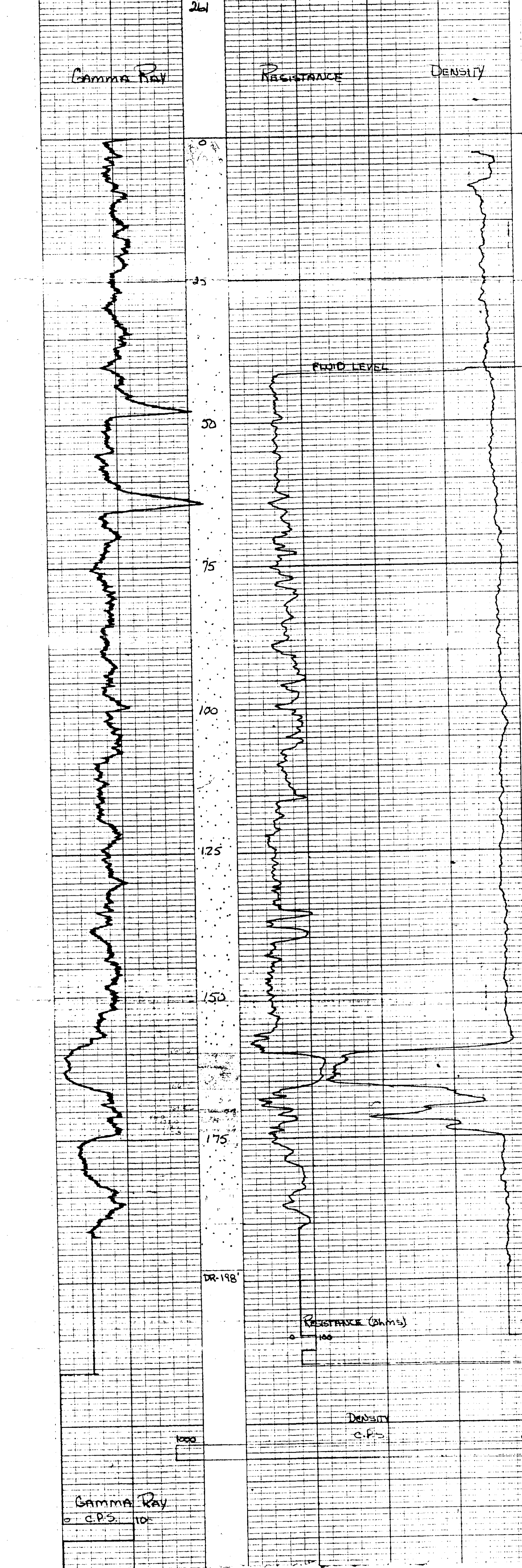
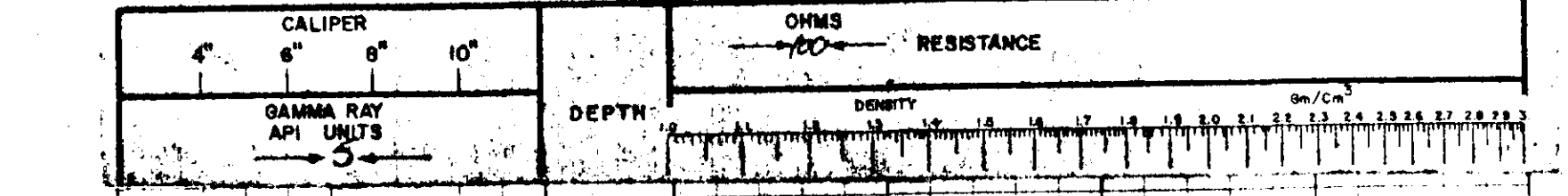
BIT SOFT SIZE 5 1/2" CASING RECORD NO

BIT SOFT SIZE 5 1/2" CASING RECORD NO

BIT SOFT SIZE 5 1/2" CASING RECORD NO

BIT SOFT SIZE 5 1/2" CASING RECORD NO

BIT SOFT SIZE 5 1/2" CASING RECORD NO



GAMMA RAY  
0 C.P.S. 10

PC



78-262

**LEXCO TESTING LTD. GAMMA-DENSITY-RESISTANCE**

700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA

HOLE QU-78-262 SURVEYED DATA

LOCATION 4250H SEC TP RGE W ELEV. 1164

AREA QUINSMAN LOC. 2450-4274-1

PROVINCE BC (29) 71

DATE Aug 31 1978

DEPTH-DRILLER 2225

DEPTH-LOGGER 118

FLUID LEVEL 15kv. total

LOGGING TIME 15kv. total

DRILLED BY H. J. J. J.

RECORDED BY D. J. J. J.

WITNESSED BY D. J. J. J.

BY SOFT FROM TO

BY SOFT FROM TO

BY SOFT FROM TO

BY SOFT FROM TO

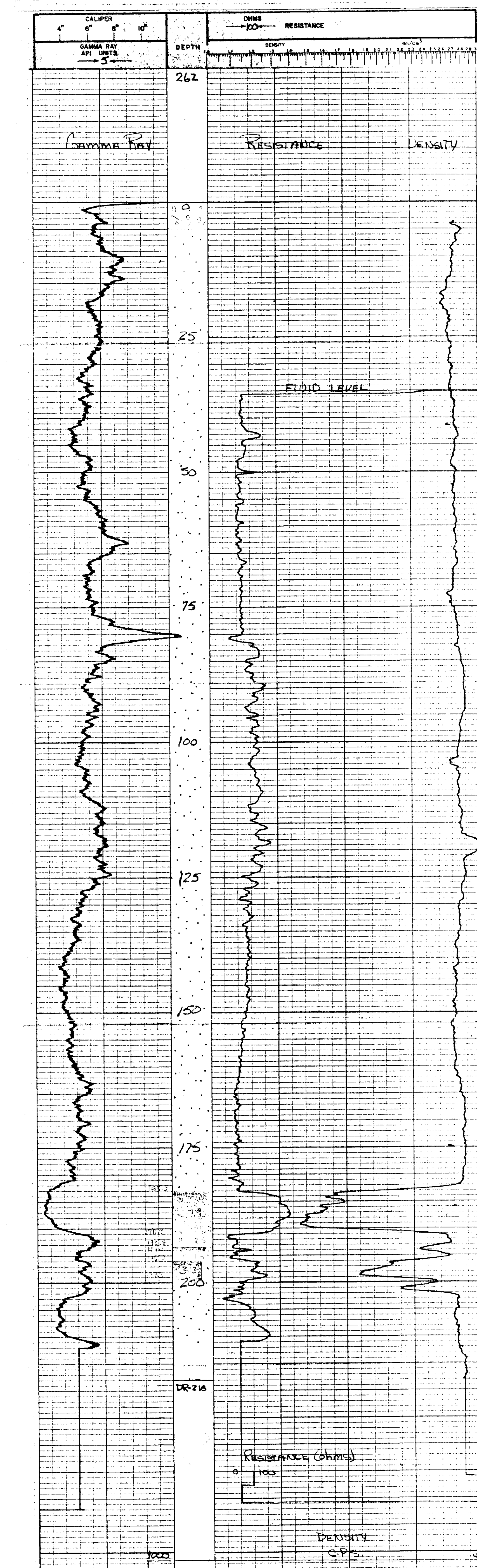
BY SOFT FROM TO

BY SOFT FROM TO

BY SOFT FROM TO

BY SOFT FROM TO

BY SOFT FROM TO



GAMMA RAY  
0 G.P.S. 0

78-262

**LEXCO TESTING LTD. GAMMA-DENSITY - RESISTANCE**

700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA.

HOLE QU-78-263 SURVEYED DATA

LOCATION 2+50 1/2 SEC TP RGE W ELEV. 197

AREA QUINSMAN LOC. 2+58-5544E

PROVINCE B.C. (1071)

DATE AUG 31 1978

DEPTH-DRILLER 287

DEPTH-LOGGER 287

FLUID LEVEL 75 ft. total

LOGGING TIME 1:30

RECORDED BY S. GARONER

WITNESSED BY R. DUMBER

BORE-HOLE RECORD

BIT FROM 71 TO 10 CASING RECORD FROM 10 TO 10

EQUIPMENT DATA

GAMMA RAY TOOL MODEL No. L-103 RESISTANCE TOOL MODEL No. L-103 DENSITY TOOL MODEL No. L-103 CALIPER

DIAMETER 2 1/8" DIAMETER 2 1/8" DIAMETER 2 1/8"

DETECTOR MODEL No. CS-516 ME. ME F. F

TYPE SCINT SPRINGING 15"

LENGTH 3'

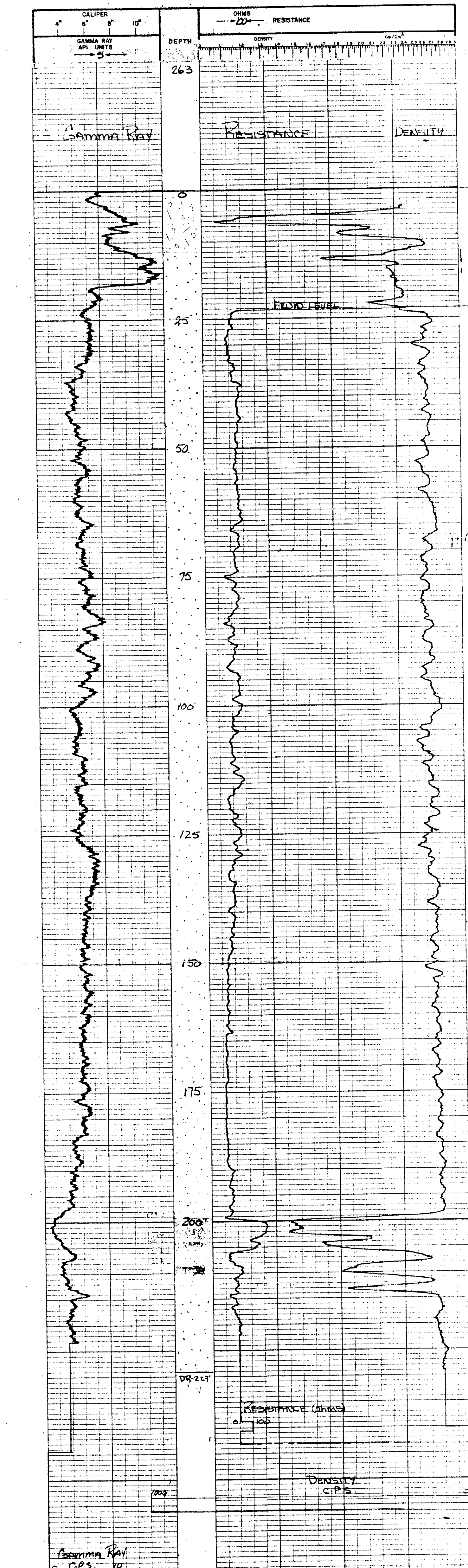
TRUCK No. 2 HOR. SCALE 100 g/cc HOVP

LOCATION CANIBELL SOURCE MODEL CS-137

LOGGING DATA

GENERAL	GAMMA RAY	DENSITY
RUN NO	DEPTHS	SENS. ZERO
1	FROM 5 TO 12	SECS. SETTINGS 100
		API UNITS PER DIV 5
		T.C. SENS. ZERO

REMARKS: **PC**





78-265

# LEXCO GAMMA-DENSITY - RESISTANCE TESTING LTD.

700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA.

HOLE QJ 18-265 SURVEYED DATA

LOCATION 4500 H SEC TP RGE W ELEV. 1179

AREA QUINSAM LOC. 2440-4494LT

PROVINCE BC (L1171)

DATE SEPT 2, 1972

DEPTH-DRILLER 200

DEPTH-LOGGER 199

FLUID LEVEL 35

LOGGING TIME 15:45

DRILLED BY M. J. KELLY

RECORDED BY R. J. BARBER

WITNESSED BY R. J. BARBER

BORE-HOLE RECORD

BIT FROM TO SIZE FROM TO

WZ SOFT I.D. 5 1/2" SURF 10'

EQUIPMENT DATA

GAMMA RAY TOOL MODEL No. L-103 RESISTANCE TOOL MODEL No. L-103 DENSITY TOOL MODEL No. L-103 CALIPER

DIAMETER 2 1/8" DIAMETER 2 1/8" DIAMETER 2 1/8"

DETECTOR MODEL No. CP-516 TYPE ME F 13"

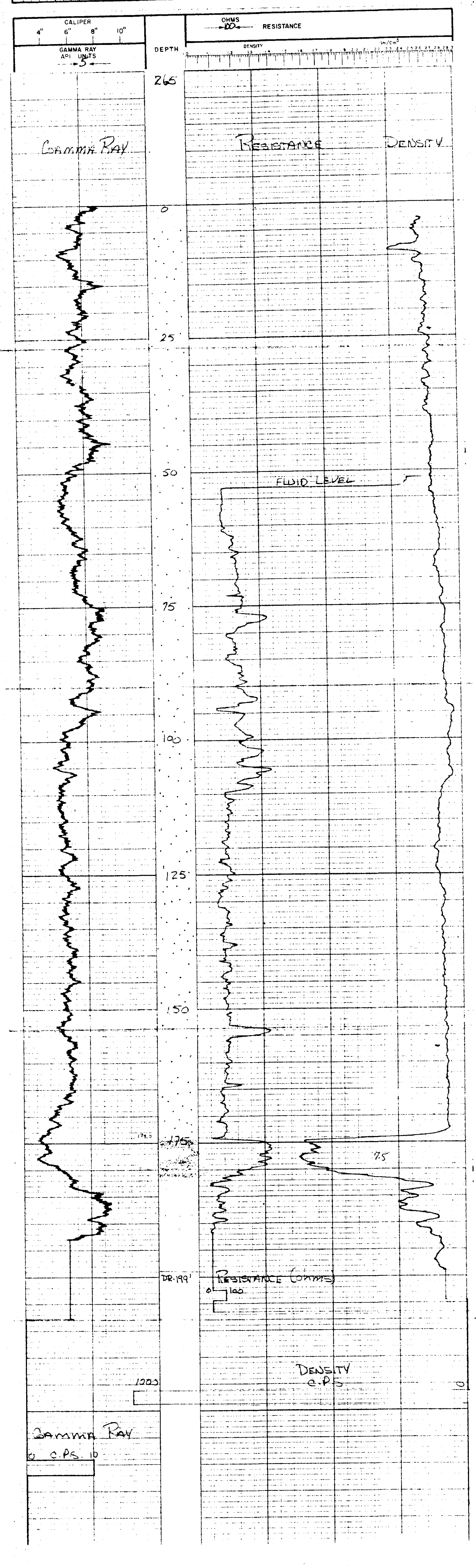
TYPE SCINT SCINT 13"

LENGTH 3 HOR SCALE 1" SOURCE MODEL CS-137 ISO TOPE 125 m.c. LOCATION 2 TRUCK No. 2000 LOGGING DATA

GENERAL LOGGING DATA

GENERAL				GAMMA RAY				DENSITY				ZERO			
RUN No.	DEPTHS FROM TO	SPEED F/Min	T.C. SEC	SENS. ZEPHC	API UNITS PER DIV	T.C. SEC	SENS. SETTINGS	SENS. ZEPHC	API UNITS PER DIV	T.C. SEC	SENS. SETTINGS	SENS. ZEPHC	API UNITS PER DIV	T.C. SEC	SENS. SETTINGS
1	1197	0	12	4	100	5	1	1K							

REMARKS



CALIPER 4" 6" 8" 10"

GAMMA RAY API UNITS 5

Gamma Ray

Resistance

Density

FLUID LEVEL

DR. 199

Resistance (OHMS)

Density g/cm³

Gamma Ray

0 C.P.S. 10

PC



M 78-267 (2)

**LEXCO TESTING LTD. GAMMA-DENSITY - RESISTANCE**

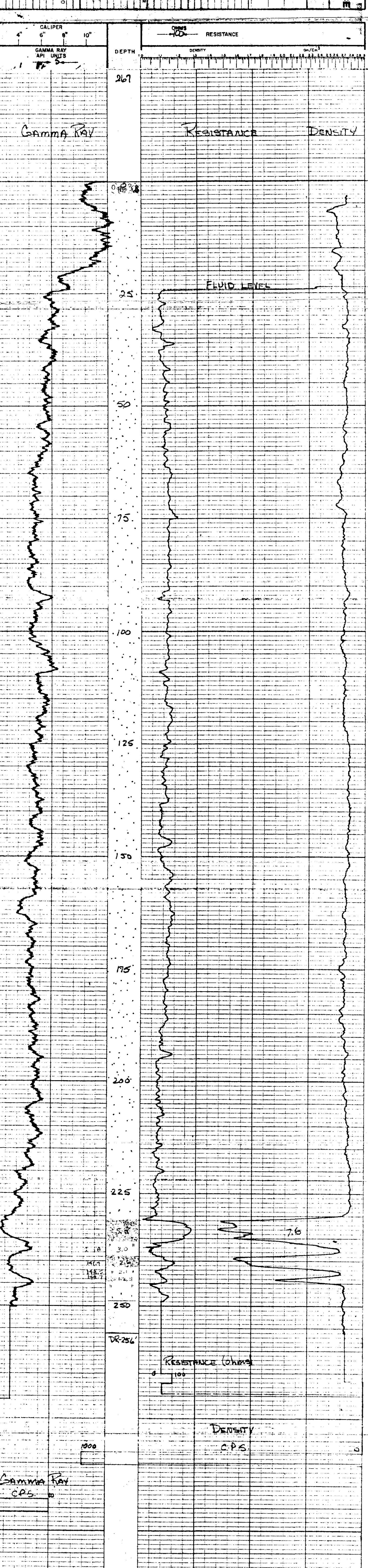
700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA.

HOLE QJ-78-267 (2) SURVEYED DATA  
 LOCATION 2+50 52504 SEC TP RGE W ELEV. 1156  
 AREA QUINSAM LOC. 2452-5274-F  
 PROVINCE B.C.

DATE SEP 2 1978  
 DEPTH - DEPTER 24'  
 DEPTH - LOGGER 24'  
 FLUID LEVEL .75 hr. total  
 LOGGING TIME  
 DRILLED BY C. GARDNER  
 RECORDED BY D. DUNN  
 WITNESSED BY K. MORGAN

BIT 5 1/2" SFT CASING RECORD TO  
 BIT FROM TO SIZE FROM TO  
5 1/2" SFT 7" SFT 7"

TOOL MODEL NO.	L-103	TOOL MODEL NO.	L-103	RESISTANCE	DENSITY	CALIPER
DETECTOR MODEL NO.	CP-516	DIAMETER	2 1/8"	2 1/8"	2 1/8"	2 1/8"
TYPE	SCINT	TYPE	SCINT	TYPE	SCINT	TYPE
LENGTH	3'	SCALING	15"	SCALING	15"	SCALING
GENERAL		HOR SCALE	100 S.I.D.	HOR SCALE	100 S.I.D.	HOR SCALE
TRUCK No.	2	SOURCE MODEL	CS-137	SOURCE MODEL	CS-137	SOURCE MODEL
LOCATION	2452-5274-F	ISOTOPE	CS-137	ISOTOPE	CS-137	ISOTOPE
		STRENGTH	125 m.c.	STRENGTH	125 m.c.	STRENGTH



GAMMA RAY 0 CPS

78-264

**LEXCO TESTING LTD. GAMMA-DENSITY - RESISTANCE**

700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA.

HOLE CU-15-264 SURVEYED DATA  
 LOCATION 4+50 TP RGE W ELEV. 1170

AREA QUINSAM LOC. 2457 - 4024LT

PROVINCE B.C. (1/31)

RUN No. 5871 DATE 1.1978

DEPTH-DRILLER 210  
 DEPTH-LOGGER 210  
 FLUID LEVEL 20

LOGGING TIME 15:45  
 DRILLED BY H. KACI  
 RECORDED BY D. DILLON  
 WITNESSED BY K. R. ...

BORE-HOLE RECORD TO CASING RECORD TO  
 BIT FROM TO SIZE FROM TO  
 4 1/2 SURF T.D. 5 1/2 SURF 10'

EQUIPMENT DATA  
 GAMMA RAY TOOL MODEL No. L-103 RESISTANCE TOOL MODEL No. L-103 DENSITY TOOL MODEL No. L-103 CALIPER  
 DIAMETER 2 1/8 DIAMETER 2 1/8 DIAMETER 2 1/8  
 DETECTOR MODEL No. CP-516 TYPE ME F  
 TYPE SCINT SCINT SPRING 13"

GENERAL LOGGING DATA  
 TRUCK No. 2 HOR SCALE 100 SLANT HOVP  
 LOCATION Cambridge SOURCE MODEL CS-137  
 R/V/E ISOTOPE 125 m.c.

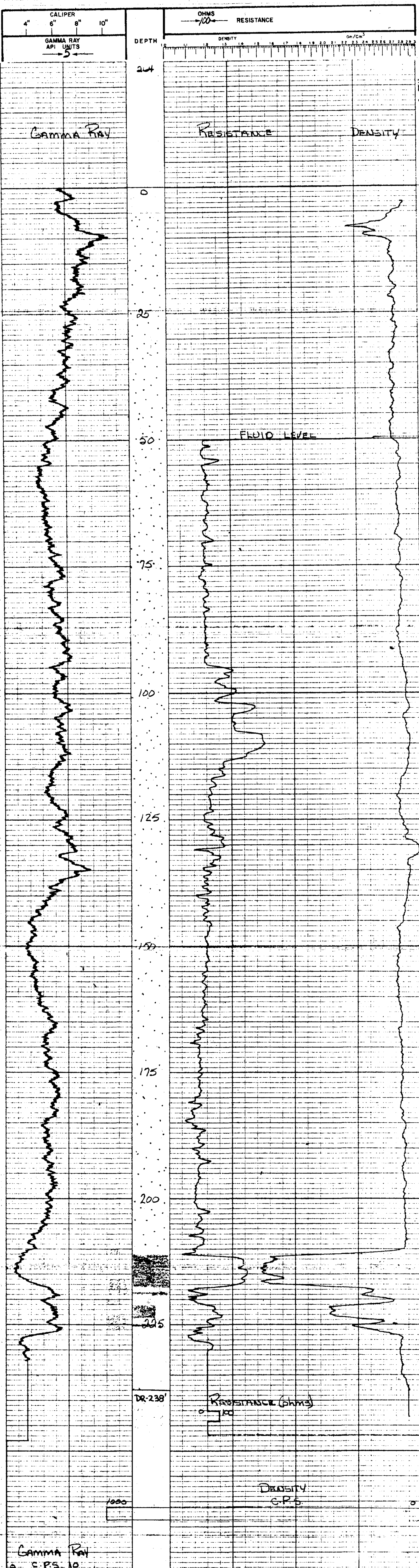
GENERAL  
 LENGTH 3'

GENERAL  
 LOGGING DATA

GENERAL	GAMMA RAY	RESISTANCE	DENSITY	CALIPER
RUN No.	DEPTH FROM TO	SPEED FV/min	T.C. SEC. SETTINGS	GAMMA RAY API UNITS PER DIV
1	238	0	12	4
				100
				5
				1
				1K

REMARKS:

PC









78-231

**LEXCO TESTING LTD. GAMMA-DENSITY - RESISTANCE**

700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA

HOLE QU-18-231 SURVEYED DATA

LOCATION 55+00 H SEC TP RGE W ELEV 1084

AREA QUINSARM LOC.

PROVINCE B.C. (1571) 34+86 4460 LF

RUN No. 2

DATE JULY 26, 1978

DEPTH - DRILLER 180' 176'

DEPTH - LOGGER 176'

FLUID LEVEL 75 ft. Total

LOGGING TIME 12:25

DRILLED BY H. VINCENT

RECORDED BY D. POWELL

WITNESSED BY S. GARDNER

BORE-HOLE RECORD

BIT 4 1/2" 50T TO 10'

EQUIPMENT DATA

GAMMA RAY L-103 RESISTANCE L-103 DENSITY L-103 CALIBER

TOOL MODEL NO. L-103 TOOL MODEL NO. L-103

DIAMETER 2 1/8" DIAMETER 2 1/8"

DETECTOR MODEL No. CF-516 TYPE 13

LENGTH 2 SCINT 13

TRUCK No. 2 SOURCE MODEL 100 Solid

LOCATION Campbell River ISOTOPE CS-137 HOVP 125 m

GENERAL LOGGING DATA

GENERAL

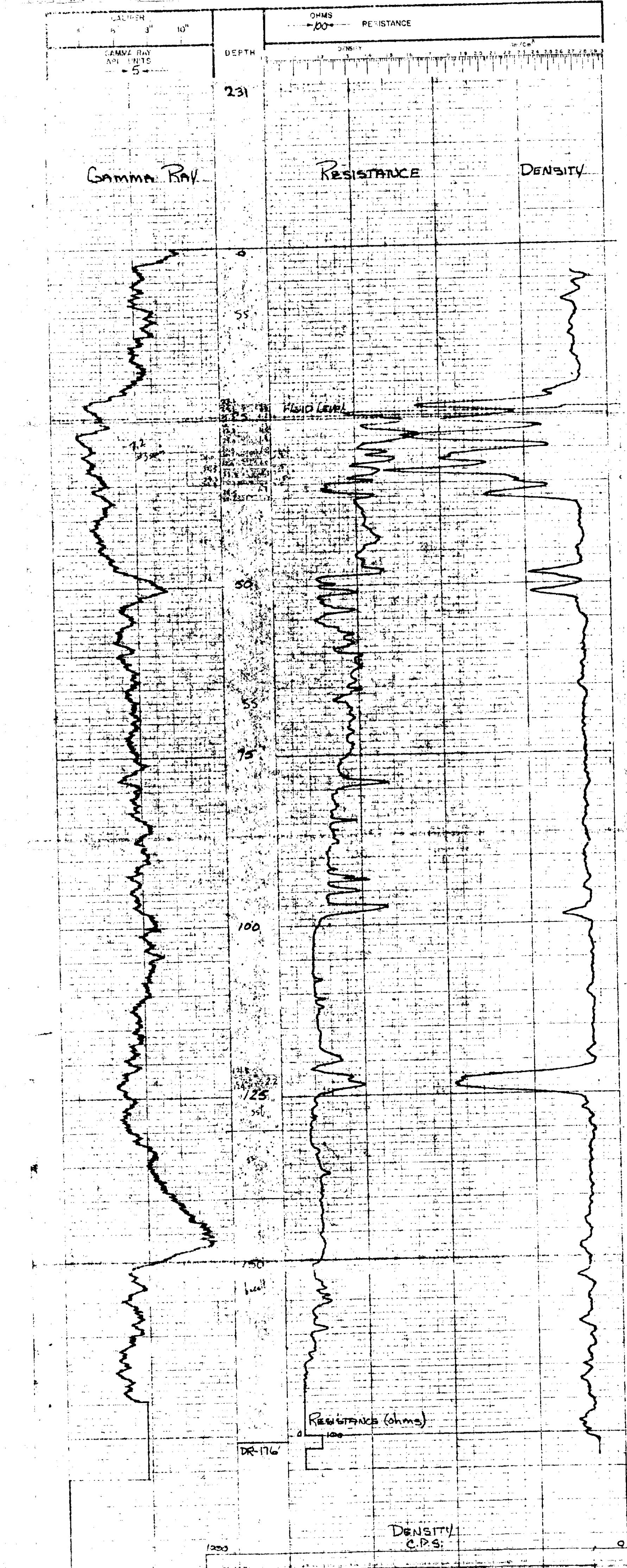
DEPTH

NO. FROM TO

1 176' 0 176' 100'

REMARKS

PC



Gamma Ray  
RESISTANCE (ohms)  
DENSITY g/cm³

78-232

**LEXCO TESTING LTD. GAMMA-DENSITY - RESISTANCE**

700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA.

HOLE QU-18-232 SURVEYED DATA

LOCATION 37+59 1/2 SEC 14 TP RGE W ELEV. 1072'

AREA QUINSAM LOC. 31438 1366' Lt.

PROVINCE BC (21671)

DATE JULY 25, 1978

DEPTH-DRILLER 210'

DEPTH-LOGGER 238'

FLUID LEVEL 75 hr. 10h.

LOGGING TIME 1.75 hr. 10h.

DRILLED BY H. INKAIT

RECORDED BY D. DUNBAR

WITNESSED BY S. GIBBS

BORE-HOLE RECORD TO

BIT 4 1/2" Surf TO

FROM 5 1/2" Surf TO

T.D. 10'

EQUIPMENT DATA

GAMMA RAY L-103 TOOL MODEL No. L-103 RESISTANCE L-103 DENSITY L-103 CALIPER

TOOL MODEL No. L-103 TOOL MODEL No. L-103

DIAMETER 2 1/8" DIAMETER 2 1/8"

DETECTOR MODEL No. GP-516 TYPE ME F

TYPE SCINI SMAGING 13"

LENGTH 3

GENERAL HOR. SCALE 100 S.D.M.

STRICK No. 2 SOURCE MODEL CS-137

LOCATION Campana ISOTOPE 125 m.c.

Huber STRENGTH

LOGGING DATA

GENERAL GAMMA RAY

API UNITS T.C. SENS. ZERO

PER DIV. SEC. SETTINGS

DENSITY ZERO

REMARKS

PC

TABLE

Run No.	From	To	Speed	T.C.	Sens.	Zero	API Units	T.C.	Sens.	Zero
1	238'	0	12	4	100	5	1	1	1	1

DEPTH

RESISTANCE

DENSITY

GAMMA RAY

API UNITS

FLUID LEVEL

DR-238

RESISTANCE (ohms)

D. DUNBAR

C.P.S.

GAMMA RAY

C.P.S.

OHMS

DENSITY

GAMMA RAY

API UNITS

FLUID LEVEL

DR-238

RESISTANCE (ohms)

D. DUNBAR

C.P.S.

GAMMA RAY

C.P.S.

OHMS

DENSITY

GAMMA RAY

API UNITS

FLUID LEVEL

DR-238

RESISTANCE (ohms)

D. DUNBAR

C.P.S.

GAMMA RAY

C.P.S.

OHMS

DENSITY

GAMMA RAY

API UNITS

FLUID LEVEL

DR-238

RESISTANCE (ohms)

D. DUNBAR

C.P.S.

GAMMA RAY

C.P.S.

OHMS

DENSITY

GAMMA RAY

API UNITS

FLUID LEVEL

DR-238

RESISTANCE (ohms)

D. DUNBAR

C.P.S.

GAMMA RAY

C.P.S.

OHMS

DENSITY

GAMMA RAY

API UNITS

FLUID LEVEL

DR-238

RESISTANCE (ohms)

D. DUNBAR

C.P.S.

GAMMA RAY

C.P.S.

OHMS

DENSITY

GAMMA RAY

API UNITS

FLUID LEVEL

DR-238

RESISTANCE (ohms)

D. DUNBAR

C.P.S.

GAMMA RAY

C.P.S.

OHMS

DENSITY

GAMMA RAY

API UNITS

FLUID LEVEL

DR-238

RESISTANCE (ohms)

D. DUNBAR

C.P.S.

GAMMA RAY

C.P.S.

OHMS

DENSITY

GAMMA RAY

API UNITS

FLUID LEVEL

DR-238

RESISTANCE (ohms)

D. DUNBAR

C.P.S.

GAMMA RAY

C.P.S.

OHMS

DENSITY

GAMMA RAY

API UNITS

FLUID LEVEL

DR-238

RESISTANCE (ohms)

D. DUNBAR

C.P.S.

GAMMA RAY

C.P.S.

OHMS

DENSITY

GAMMA RAY

API UNITS

FLUID LEVEL

DR-238

RESISTANCE (ohms)

D. DUNBAR

C.P.S.

GAMMA RAY

C.P.S.

OHMS

DENSITY

GAMMA RAY

API UNITS

FLUID LEVEL

DR-238

RESISTANCE (ohms)

D. DUNBAR

C.P.S.

GAMMA RAY

C.P.S.

OHMS

DENSITY

GAMMA RAY

API UNITS

FLUID LEVEL

DR-238

RESISTANCE (ohms)

D. DUNBAR

C.P.S.

GAMMA RAY

C.P.S.

OHMS

DENSITY

GAMMA RAY

API UNITS

FLUID LEVEL

DR-238

RESISTANCE (ohms)

D. DUNBAR

C.P.S.

GAMMA RAY

C.P.S.

OHMS

DENSITY

GAMMA RAY

API UNITS

FLUID LEVEL

DR-238

RESISTANCE (ohms)

D. DUNBAR

C.P.S.

GAMMA RAY

C.P.S.

OHMS

DENSITY

GAMMA RAY

API UNITS

FLUID LEVEL

DR-238

RESISTANCE (ohms)

D. DUNBAR

C.P.S.

GAMMA RAY

C.P.S.

OHMS

DENSITY

GAMMA RAY

API UNITS

FLUID LEVEL

DR-238

RESISTANCE (ohms)

D. DUNBAR

C.P.S.

GAMMA RAY

C.P.S.

OHMS

DENSITY

GAMMA RAY

API UNITS

FLUID LEVEL

DR-238

RESISTANCE (ohms)

D. DUNBAR

C.P.S.

GAMMA RAY

C.P.S.

OHMS

DENSITY

GAMMA RAY

API UNITS

FLUID LEVEL

DR-238

RESISTANCE (ohms)

D. DUNBAR

C.P.S.

GAMMA RAY

C.P.S.

OHMS

DENSITY

GAMMA RAY

API UNITS

FLUID LEVEL

DR-238

RESISTANCE (ohms)

D. DUNBAR

C.P.S.

GAMMA RAY

C.P.S.

OHMS

DENSITY

GAMMA RAY

API UNITS

FLUID LEVEL

DR-238

RESISTANCE (ohms)

D. DUNBAR

C.P.S.

GAMMA RAY

C.P.S.

OHMS

DENSITY

GAMMA RAY

API UNITS

FLUID LEVEL

DR-238

RESISTANCE (ohms)

D. DUNBAR

C.P.S.

GAMMA RAY

C.P.S.

OHMS

DENSITY

GAMMA RAY

API UNITS

FLUID LEVEL

DR-238

RESISTANCE (ohms)

D. DUNBAR

C.P.S.

GAMMA RAY

C.P.S.

OHMS

DENSITY

GAMMA RAY

API UNITS

FLUID LEVEL

DR-238

RESISTANCE (ohms)

D. DUNBAR

C.P.S.

GAMMA RAY

C.P.S.

OHMS

DENSITY

GAMMA RAY

API UNITS

FLUID LEVEL

DR-238

RESISTANCE (ohms)

D. DUNBAR

C.P.S.

GAMMA RAY

C.P.S.



**LEXCO TESTING LTD. GAMMA-DENSITY - RESISTANCE**

760 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA

HOLE **QU-18-233** SURVEYED DATA

LOCATION **31+50 L SEC TP RGE W** ELEV **1672'**

AREA **QUINSMAN** LOC. **3164 734 L.**

PROVINCE **B.C. (L17) 71**

DATE **July 26, 1978**

DEPTH-DRILLER **220'**

DEPTH-LOGGER **214'**

FLUID LEVEL **55'**

LOGGING TAP **75 hr. 18/4/1**

OPERATED BY **H. VANCETT**

RECORDED BY **P. DUNDAS**

WITNESSED BY **S. CARONER**

BORE-HOLE RECORD

SIZE **5 1/2" 50' 10'**

LOGGING UNIT

TOOL MODEL NO. **L-103** RESISTANCE

DIAMETER **2 1/8"** DENSITY

DETECTOR MODEL NO. **2 1/2"** CALIBER

GE-SITE TYPE **1**

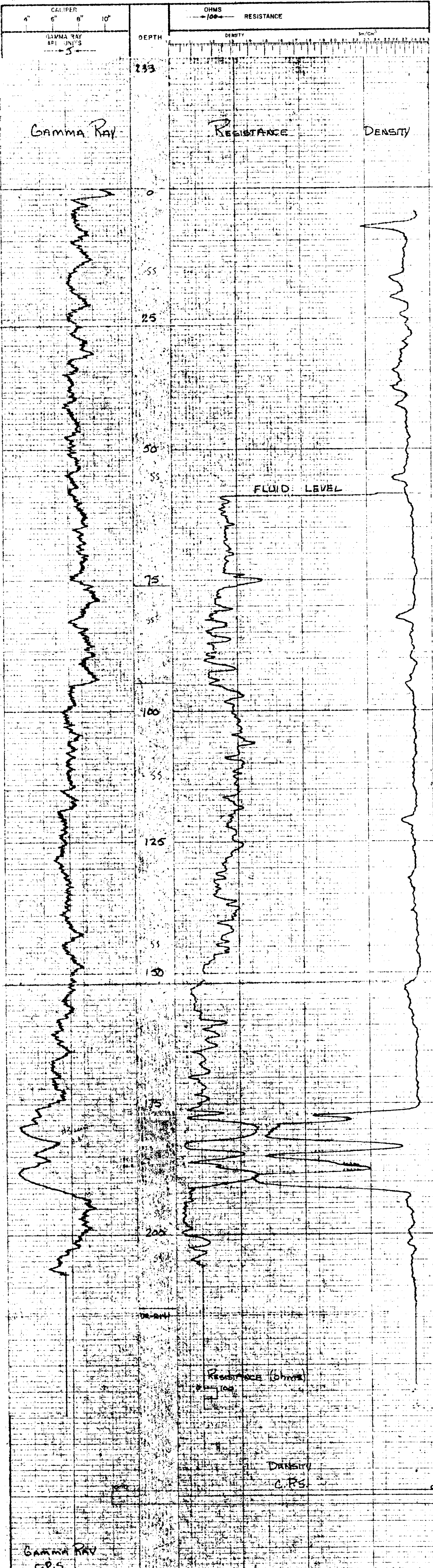
LOGGING UNIT

TRUCK No. **2** SERIAL No. **10051141**

LOCATION **LOGO P&E II** SOURCE MODEL **HOV1**

REMARKS

PC



Resistance (Ohms)  
 Density  
 C.F.S.

GAMMA RAY  
 G.P.S.





M  
TR-236

**LEXCO TESTING LTD. GAMMA-DENSITY - RESISTANCE**

700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA

HOLE Q118-236 SURVEYED DATA

LOCATION 5700 R. SEC 17 RGE W ELEV 955'

AREA QUINERIM LOC

PROVINCE ALBERTA 21971 65701 974' RT.

RUN NO. 2

DATE JULY 27, 1978

DEPTH-DRILLER 182

DEPTH-LOGGER 171

FLUID LEVEL 75 ft. (17.1)

LOGGING TIME 20.8

DRILLED BY H. VINCENTI

RECORDED BY D. PUNGBER

WITNESSED BY S. CARBARRA

BORE-HOLE RECORD

BIT 4 1/2" T.D. 574' SURF 10'

EQUIPMENT DATA

GAMMA RAY TOOL MODEL NO. L-103 TOOL MODEL NO. L-103 RESISTANCE TOOL MODEL NO. L-103 DENSITY TOOL MODEL NO. L-103 CALIBER

DIAMETER 2 1/8" DIAMETER 2 1/8" DIAMETER 2 1/8" DIAMETER 2 1/8"

DETECTOR MODEL NO. GR-516 TYPE ME TYPE F TYPE F

TYPE SCINT SPACING 13" SPACING 13"

LENGTH 3' HOR. SCALE 100 ft/div HOVP

TRUCK No. 2 SOURCE MODEL CS-137 ISOTOPE 125 m.c.

LOCATION Campbell River LOGGING DATA

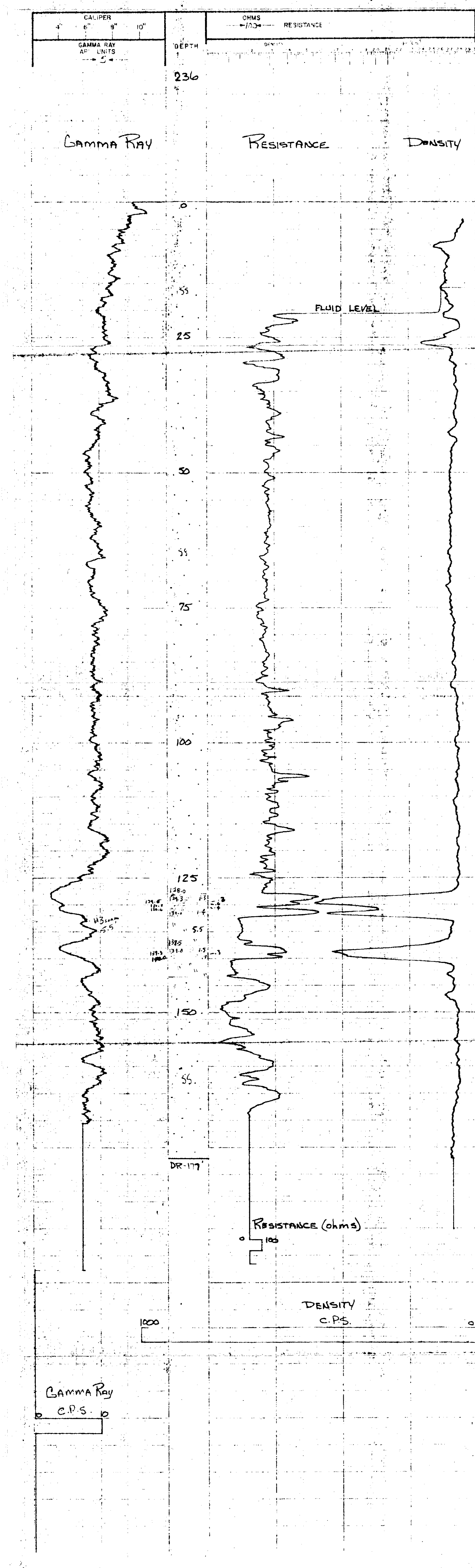
GENERAL

DEPTH FROM TO FROM TO FROM TO

1 177 0 12 4 100

REMARKS

PC



GAMMA RAY  
C.P.S.

RESISTANCE (ohms)

DENSITY  
C.P.S.

DR-177

FLUID LEVEL

GAMMA RAY

RESISTANCE

DENSITY

DEPTH

OHMS  
RESISTANCE

CALIPER  
GAMMA RAY  
AP. UNITS

4" 6" 8" 10"



M 78-237

**LEXCO TESTING LTD. GAMMA-DENSITY - RESISTANCE**

700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA

HOLE **QU-18-237** SURVEYED DATA

LOCATION **3130 4<sup>th</sup> SEC. TP. RGE. W** ELEV. **1026'**

AREA **QUINSAM** LOC.

PROVINCE **BC** **(L2071)** 3139 204' 4"

DATE **JULY 27, 1978**

DEPTH-DRILLER **210'**

DEPTH-LOGGER **213'**

FLUID LEVEL **75.1' (75.5')**

LOGGING TIME **28.5'**

DRILLED BY **D. SELK**

RECORDED BY **D. DUNBAR**

WITNESSED BY **S. GARDNER**

SOFT-HOLE RECORD

BY **SURF** TO **SURF** FROM **71'** TO **6'**

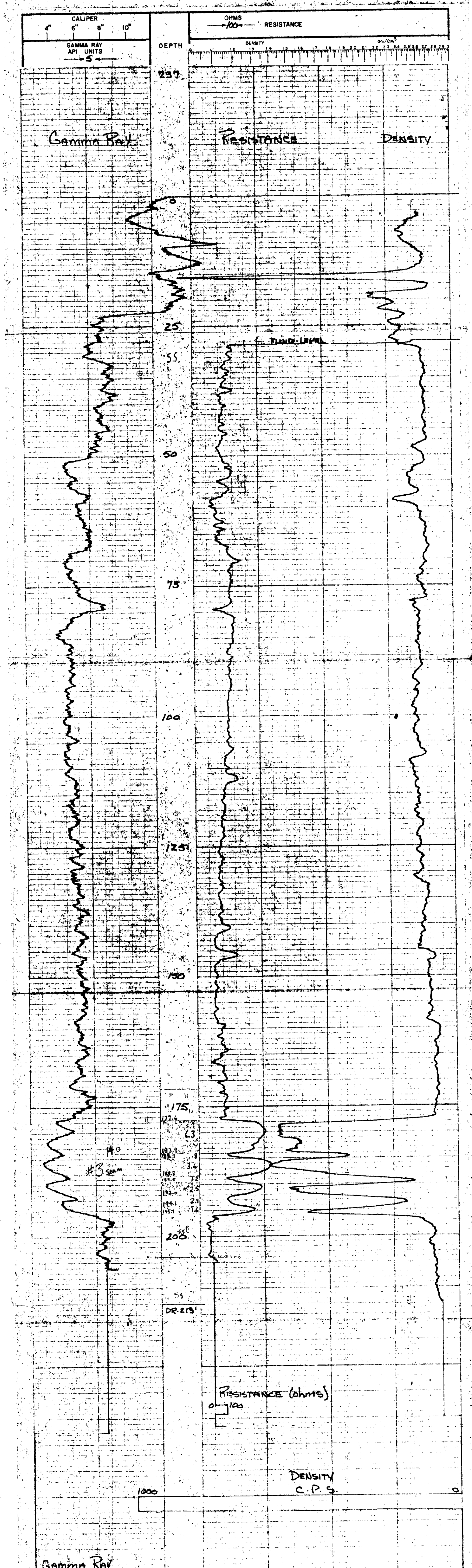
EQUIPMENT DATA

GENERAL

LOGGING DATA

REMARKS

PC





78-253

**LEXCO TESTING LTD. GAMMA-DENSITY - RESISTANCE**

7300 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA

HOLE Q0-18-253 SURVEYED DATA

LOCATION 5250 HSEC TP RGE W ELEV. 1190

AREA QUINSMAN LOC. -2.7E - 5.43E7

PROVINCE 13 (2871)

RUN No. 2

DATE Aug 23, 1978

DEPTH-DRILLER 298'

DEPTH-LUGGER 122'

FLUID LEVEL

LOGGING TIME

DRILLED BY H. J. J. J.

RECORDED BY R. J. J. J.

WITNESSED BY R. J. J. J.

BIT 5 1/2" SUFT

BORE-HOLE RECORD TO

EQUIPMENT DATA

GAMMA RAY

TOE MODEL No. L-03 TOOL MODEL No. L-03 RESISTANCE DENSITY CALIPER

DIAMETER 2 1/8" DIAMETER 2 1/8" PERCENTAGE 100 DENSITY 1.00 CALIPER

DICTIONARY MODEL No. CF-516 TYPE TYPE PERCENTAGE 100 DENSITY 1.00 CALIPER

LENGTH 3 LENGTH 3 PERCENTAGE 100 DENSITY 1.00 CALIPER

GENERAL 2 HOIR SCALE 100 ft/lin HOIR SCALE 100 ft/lin HOIR SCALE

TRUCK No. 2 SQUARE MODEL CS-137 SQUARE MODEL CS-137 SQUARE MODEL

LOCATION QUINSMAN STRENGTH 125 M.C. STRENGTH 125 M.C. STRENGTH

LOGGING DATA

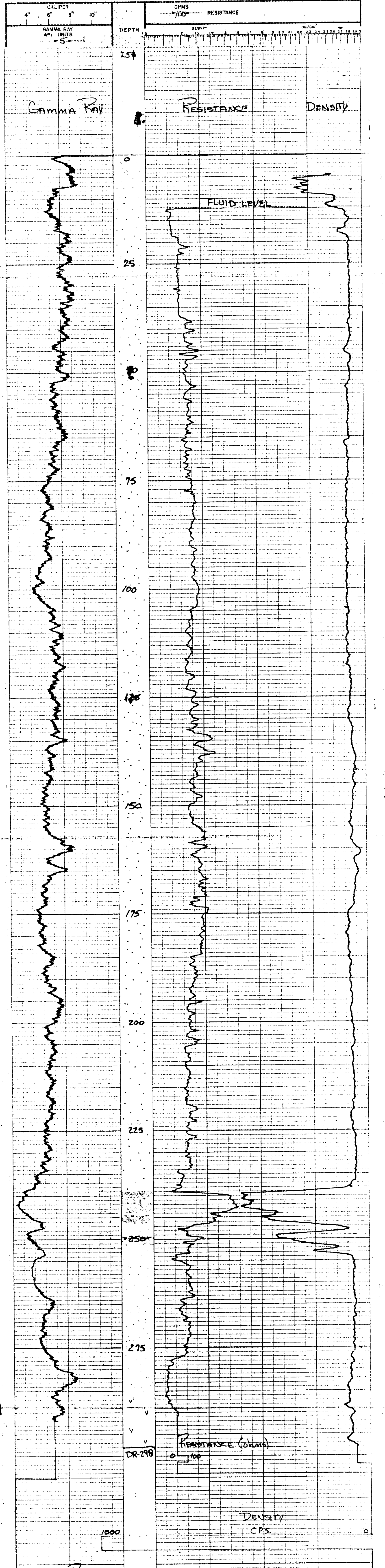
GENERAL

RUN DEPTHS TO SPEED T.C. SENS. Z.E.K.O. API UNITS T.C. SENS. Z.E.K.O. API UNITS

No. FROM TO F./min SEC. SETTINGS PER DIV. SEC. SETTINGS PER DIV. SEC. SETTINGS PER DIV.

REMARKS

2



GAMMA RAY 0 10

DENSITY g/cm³

RESISTANCE (ohms)

DR-298

GAMMA RAY

RESISTANCE

DENSITY

FLUID LEVEL





28-239

**LEXCO TESTING LTD. GAMMA-DENSITY - RESISTANCE**

700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA.

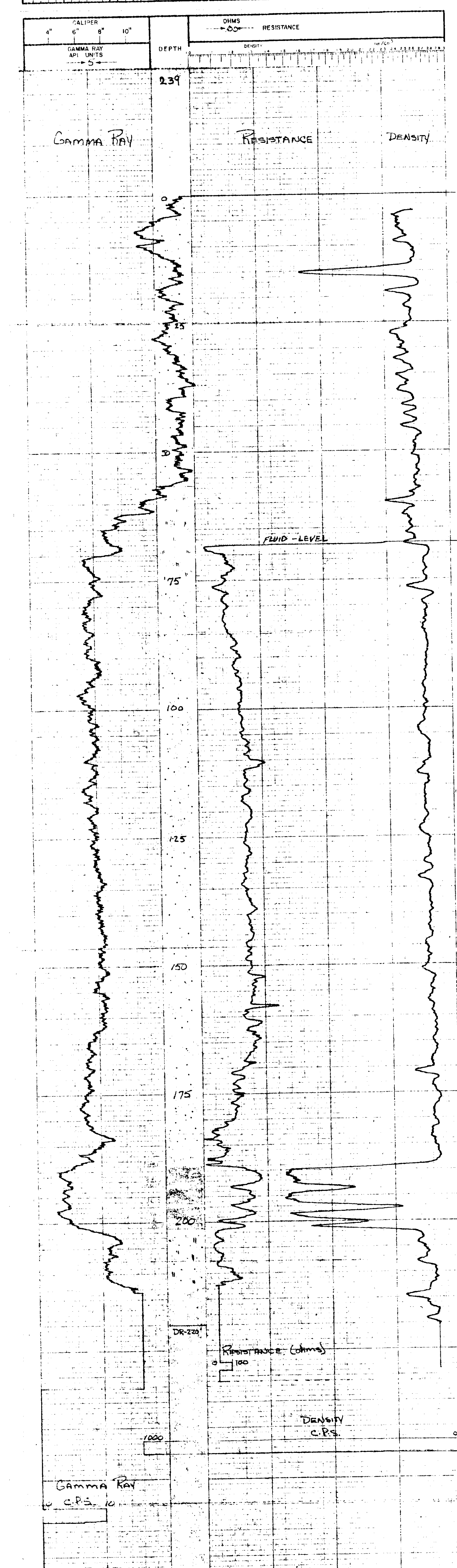
HOLE QU-78-239 SURVEYED DATA  
 LOCATION 38+20 16.30 H SEC TP RGE W ELEV 1072  
38+94  
LOC. 1597 LK

AREA QUINSMAN  
 PROVINCE B.C. (23) 71

RUN No. \_\_\_\_\_ DATE \_\_\_\_\_  
 DEPTH-DRI LER \_\_\_\_\_ DEPTH-LOGGFR \_\_\_\_\_  
 FLUID LEVEL \_\_\_\_\_ LOGGING TIME \_\_\_\_\_  
 DRN LED BY \_\_\_\_\_  
 RECORDED BY \_\_\_\_\_  
 WITNESSED BY \_\_\_\_\_

BORE-HOLE RECORD TO \_\_\_\_\_ SIZE \_\_\_\_\_ CASING RECORD TO \_\_\_\_\_  
 BIT FROM \_\_\_\_\_ TO \_\_\_\_\_ SIZE \_\_\_\_\_ FROM \_\_\_\_\_ TO \_\_\_\_\_

GENERAL				GAMMA RAY				DENSITY			
RUN No.	DEPTHS FROM TO	SPEED F/Min	T.C. SEC	API UNITS PER DIV	T.C. SEC	STRENGTH	ZERO	RESISTANCE	DENSITY	GAUGE	REMARKS
7	220'	0	1.2	1	1.00	5	1	1	1K		



PC



78-240

LEXCO TESTING LTD. GAMMA-DENSITY - RESISTANCE

700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA

HOLE QU-18-240 SURVEYED DATA

LOCATION 3640 1820 E. SEC 17 RGE W ELEV. 1032

AREA QUINSAM LOC. 1807 LT

PROVINCE TSC (2471)

DATE 02/16/78

DEPTH-DEALER 260' 25B'

DEPTH-LOGGER 25B'

FLUID LEVEL 754F

LOGGING TIME 11:40 AM

LOGGED BY H. JAMES

WITNESSED BY D. QUINSAM

BORE-HOLE RECORD FROM TO

SIZE 5 1/2" 5 1/2" 10"

EQUIPMENT DATA

GAMMA RAY L-103 TOX TOWER H.C. L-103

TOX TOWER H.C. L-103

DIAMETER 2 1/8" 2 1/8" 2 1/8"

DETECTOR MODEL NO. GP-516 TYPE F

SPACING 13'

LENGTH 3'

NON SCALE SOLARIS MODEL 100 CALIB

SOLARIS MODEL CS-137

ISOTOPE 1224C

STRENGTH

GENERAL LOGS DATA

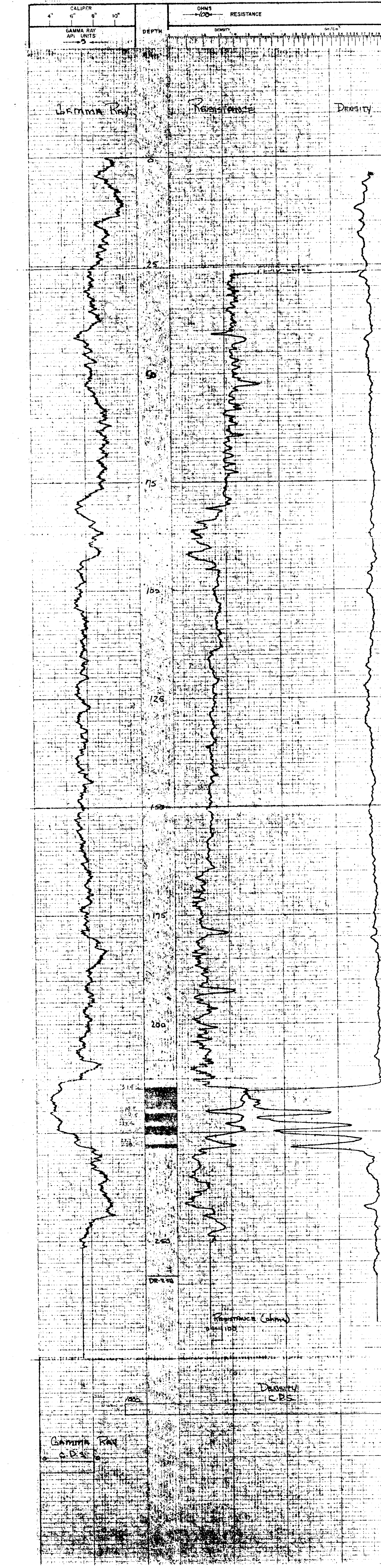
DEPTH T.C. SPEED T.C. SPRNG ZERO API UNITS T.C. DENSITY

DEPTH FROM TO F/100 SEC. SETTINGS PER. DIV. SEC. SETTINGS

1 758 0 1/2 4 100 5 1 1K

PREPARED BY

PC



78-241

**LEXCO TESTING LTD. GAMMA-DENSITY - RESISTANCE**

700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA.

HOLE QU-78-241 SURVEYED DATA

LOCATION 4306 2418.7 SEC 17 T1P RGE W ELEV. 1005

AREA QUINSAM LOC. 42406 - 2438.1

PROVINCE B.C. (2571)

DATE Aug 17, 1978

DEPTH-DRILLER 150' 158'

DEPTH-LOGGER 158'

FLUID LEVEL 15'

LOGGING TIME 5 hr

DRILLED BY H. VICKETT

RECORDED BY P. DUNBAR

WITNESSED BY R. KINGSBARN

BORE-HOLE RECORD

CASING RECORD

EQUIPMENT DATA

TOOL MODEL NO. L-103 TOOL MODEL NO. L-103 RESISTANCE 2 1/8 DENSITY 2 1/8 CALIPER

DIAMETER 2 1/8 DIAMETER 2 1/8

DETECTOR MODEL NO. CP-516 TYPE MF SPACING 12"

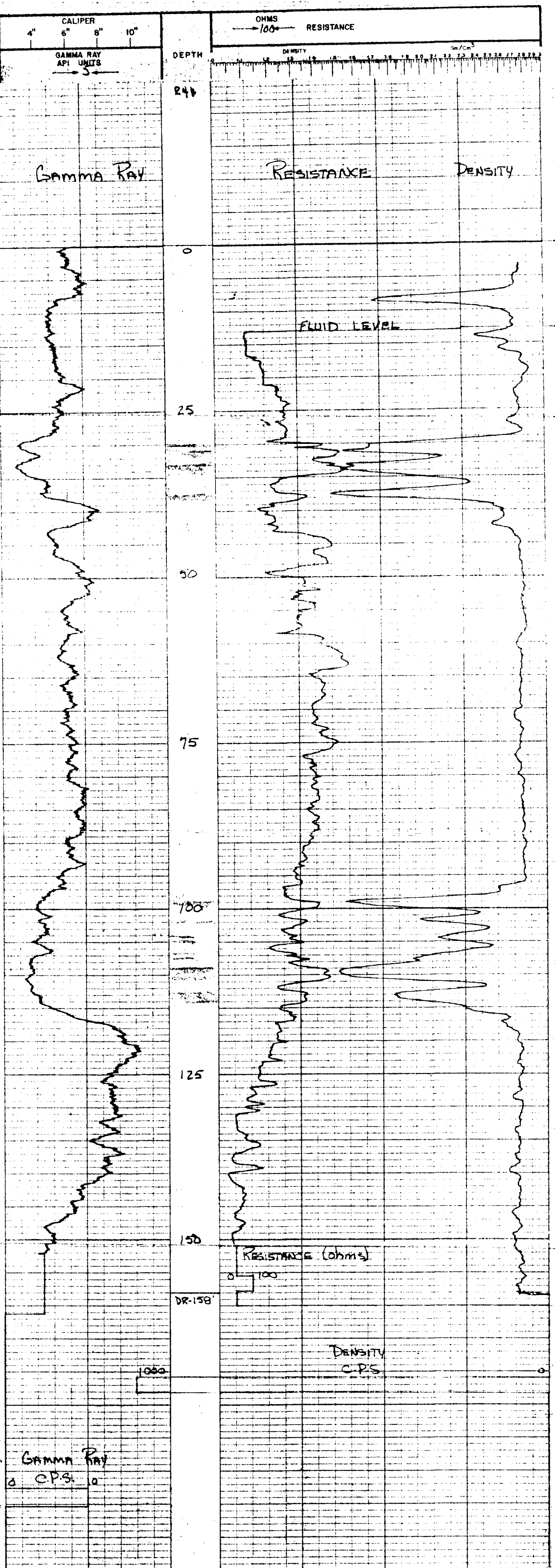
TYPE SCINT LENGTH 3' HOV SCALE 100/10

TRUCK No. 2 HOV SCALE 100/10

LOCATION Quinsam ISOTOPE CS-137 STRENGTH 125 m.c.

GENERAL				GAMMA RAY				DENSITY			
RUN No.	DEPTHS FROM TO	SPEED Fv/min	T.C. SEC	SENS ZERO	API UNITS PER DW	T.C. SEC	SENS SETTINGS	SENS ZERO	API UNITS PER DW	T.C. SEC	SENS SETTINGS
1	158'	0	12	4	100	5	1	1K	1K	1K	1K

PC





78-242

**LEXCO TESTING LTD. GAMMA-DENSITY - RESISTANCE**

700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA

HOLE **QU-7B-242** SURVEYED DATA

LOCATION **1-50 4500th SEC TP RGE W** ELEV. **1150**

AREA **QUINSMAN** LOC. **733-45214**

PROVINCE **B.C. (2671)**

RUN No. **2**

DATE **Aug 18, 1978**

DEPTH-DRILLER **200'**

DEPTH-LOGGER **198'**

FLUID LEVEL **16.2'**

LOGGING TIME **75 hr**

DRILLED BY **H. J. J. J.**

RECORDED BY **R. J. J. J.**

WITNESSED BY **R. J. J. J.**

BORE-HOLE RECORD

BIT **5 1/2" SURF** TO **70'** SIZE **5 1/2" SURF** TO **10'**

EQUIPMENT DATA

TOOL MODEL No. **L-103** TOOL MODEL No. **L-103** RESISTANCE DENSITY CALIPER

DIAMETER **2 1/8"** DIAMETER **2 1/8"**

DETECTOR MODEL No. **CP-516** TYPE **ME** F **13"**

TYPE **SCINT** SPACING **3"** LENGTH **125 m.c.**

GENERAL **100% AIR** HOR. SCALE **CS-137** HGV P

TRUCK No. **Campani** ISOTOPE **CS-137** HGV P

LOCATION **RIVER** STRIKE LENGTH **125 m.c.**

LOGGING DATA

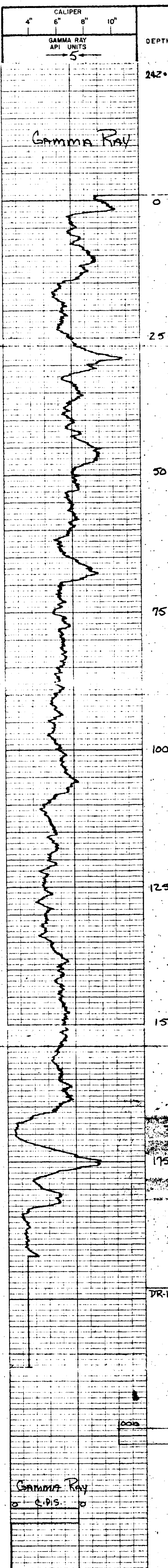
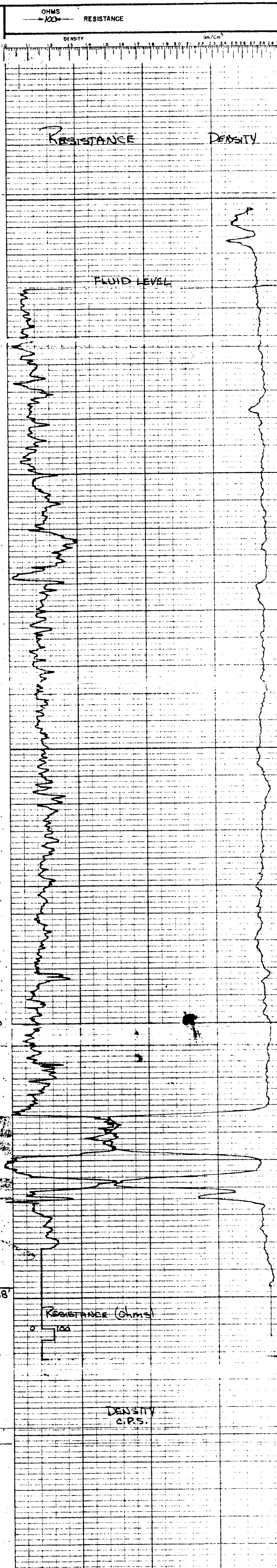
GENERAL

RUN DEPTHS TO FLAM. SEC. SETTINGS

NO. FROM TO SPEED T.C. STNS. ZERO API UNITS PER DN. T.C. SECS. SETTINGS

1 198' 0 12 4 100 5 1 K

REMARKS



2





78-244

**LEXCO TESTING LTD. GAMMA-DENSITY - RESISTANCE**

700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA.

HOLE QU-78-244 SURVEYED DATA

LOCATION 4000 ft SEC TP RGE W ELEV. 147

AREA QUINSMAN LOC. 7/3B-4009 ft

PROVINCE B.C. (2871)

DATE Aug 18 1978

DEPTH-DRILLER 3 1/2" 110'

DEPTH-LOGGER 3 1/2" 110'

FLUID LEVEL 75'

LOGGING TIME

DRILLED BY H. JACOTT

RECORDED BY D. BURGESS

WITNESSED BY K. DUNN

ROPE-HOLE RECORD

BIT FROM TO SIZE FROM FROM TO

4 1/2" SURT 1-D 5 1/2" SURT 10'

EQUIPMENT DATA

GAMMA RAY

TOOL MODEL No. L-103 TOTAL MODEL No. L-103 RESISTANCE DENSITY CALIPER

DIAMETER 2 1/8" DIAMETER 2 1/8" TYPE WE

DETECTOR MODEL No. CR-516 SCINT SCINT 13"

LENGTH 5' LENGTH 1' HOV

TRUCK No. 2 SOURCE MODEL CR-137

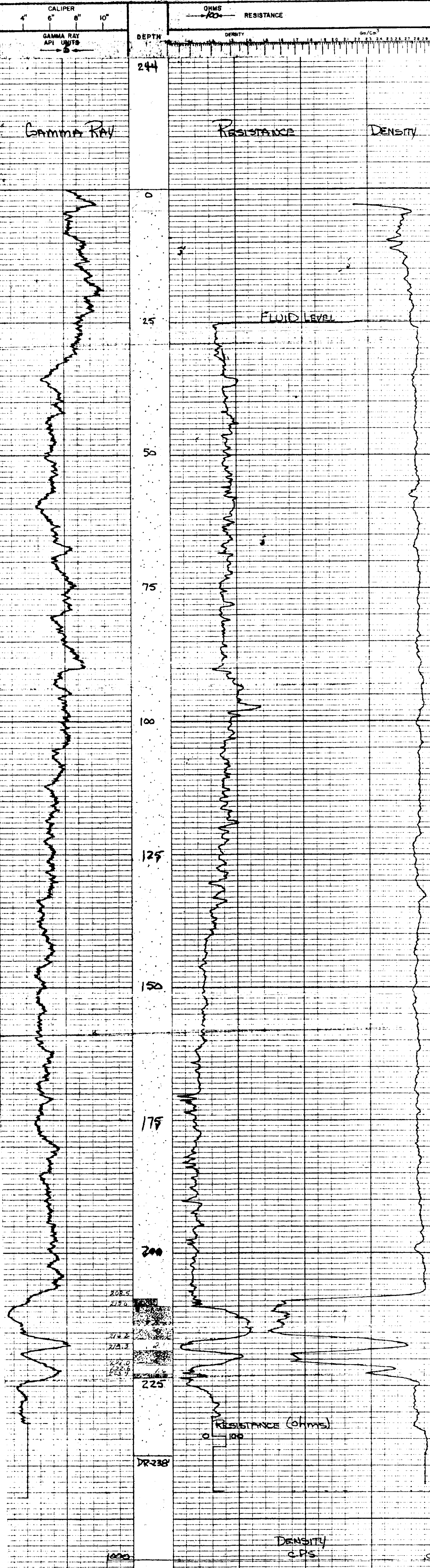
LOCATION Caliper 11 ISOTOPE CS-137

LOGGING DATA

GENERAL

GENERAL

REMARKS



PC

GAMMA RAY

DENSITY g/cm³



78-245

**LEXCO TESTING LTD. GAMMA-DENSITY - RESISTANCE**

700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA.

HOLE QU-78-245 SURVEYED DATA

LOCATION 12<sup>th</sup> 50<sup>th</sup> ST SEC 17 T1P RGE W ELEV. 1152

AREA QUINSAPO LOC. 12+33-45323

PROVINCE B.C. (2971)

DATE Aug 11, 1978

DEPTH-DRILLER 200'

DEPTH-LOGGER 199'

FLUID LEVEL 75' AT

LOGGING TIME 75' AT

DRILLED BY H. WILKETT

RECORDED BY D. DUNBAR

WITNESSED BY P. ROSS

BORE HOLE RECORD FROM TO

BIT FROM TO

4 1/2" SUIT T.D. 5 1/2" SUIT 10'

EQUIPMENT DATA

GAMMA RAY TOOL MODEL No. 1-103 DIAMETER 2 1/8" RESISTANCE L-103 DENSITY L-103 CALIPER L-103

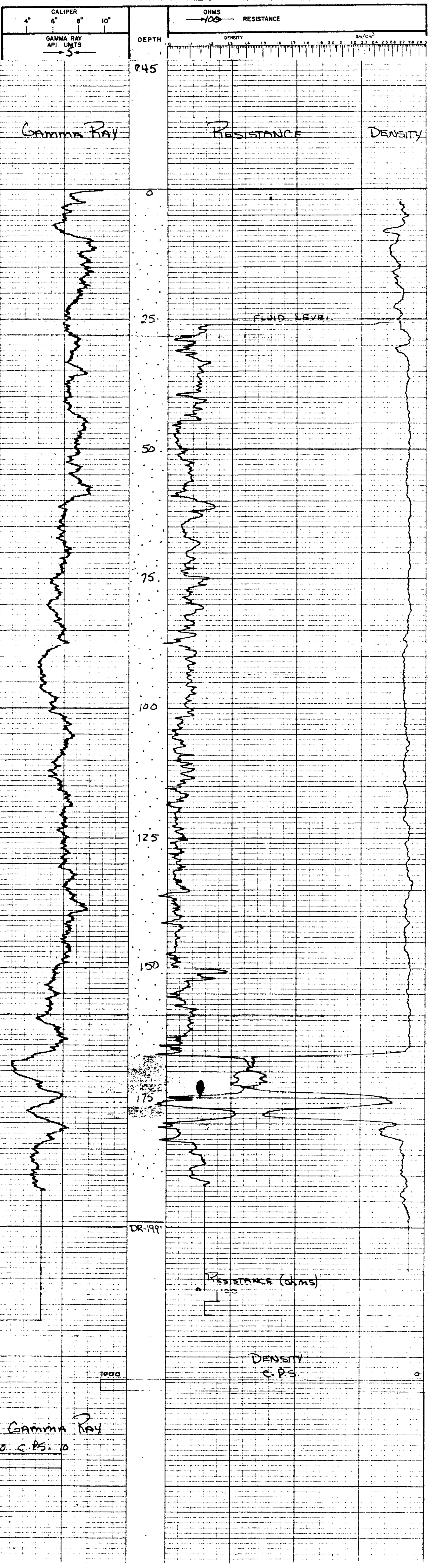
DETECTOR MODEL No. GP-516 TYPE ME F

SCINT LENGTH 13"

GENERAL TRUCK No. 2 SOURCE MODEL 100 SLIDIV

LOCATION 12<sup>th</sup> 50<sup>th</sup> ST ISOTOPE GS-137

REMARKS PC



RESISTANCE (ohms)

DENSITY G.P.S.

GAMMA RAY G.P.S. 10

DR-199'

1000



78-207

**LEXCO TESTING LTD. GAMMA-DENSITY - RESISTANCE**

700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA.

HOLE QU-18-207 SURVEYED DATA

LOCATION 55+00 SEC TP RGE W ELEV. 1103

AREA QUINSAM LOC. 54+61-658307

PROVINCE B.C. (23071)

DATE July 13 1978

DEPTH - DRILLER 148'

DEPTH - LOGGER 139'

FLUID LEVEL 5 hr. total

LOGGING TIME 11

DRILLED BY H. VANCE

RECORDED BY O. DUBOIS

WITNESSED BY S. DARDNER

BORE-HOLE RECORD

BIT 4 1/2" FROM TO SIZE 5/8" FROM TO

EQUIPMENT DATA

GAMMA RAY TOOL MODEL No. L-103 RESISTANCE TOOL MODEL No. L-103 CALIPER

DIAMETER 2 1/8" DIAMETER 2 1/8" ME 2 1/8"

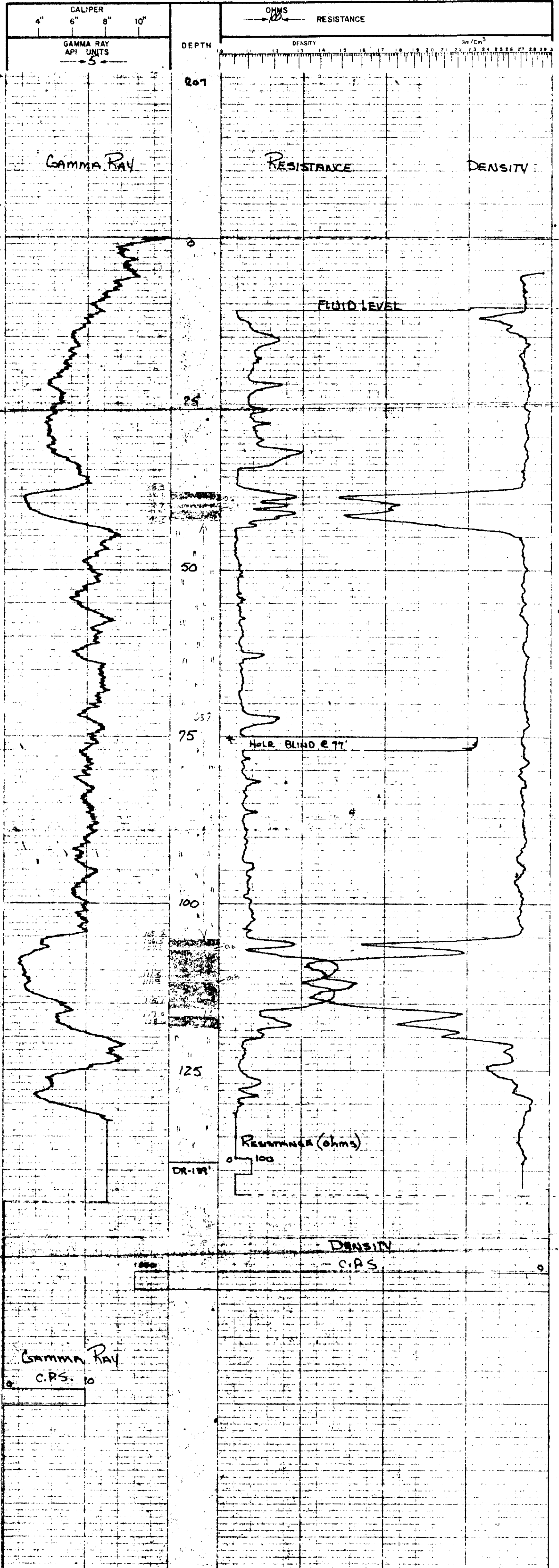
DETECTOR MODEL No. CS-516 TYPE SCINT 13"

GENERAL TRUCK No. 2

LOCATION CAMPBELL RIVER

GENERAL				GAMMA RAY				DENSITY			
RUN No	DEPTHS FROM	SPEED TO	T.C. SEC.	SENS. PER DIV	ZERO	API UNITS	T.C. SEC.	SENS. PER DIV	ZERO	API UNITS	ZERO
1	139'	0	12	4	100	5	1	1K			

REMARKS \* Hole blind @ 77' Filled and Cont. log



CALIPER 4" 6" 8" 10" GAMMA RAY API UNITS 5

GAMMA RAY C.P.S. 10

PC

78-246

LEXCO TESTING LTD. GAMMA-DENSITY - RESISTANCE

700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA.

HOLE OJ-78-246 SURVEYED DATA

LOCATION 4000 FT SEC TP RGE W ELEV. 1129

AREA QUINSY B.C. (23171) LOC. 12462-4635.M

PROVINCE B.C.

DATE Aug 19, 1978

DEPTH-DRILLER 230' 228'

DEPTH-LOGGER 228'

FLUID LEVEL 25 ft

LOGGING TIME H. JACOTT

DRAWN BY R. DUNBAR

RECORDED BY R. ROSSIGNOL

WITNESSED BY

BIT FROM TO SIZE CASING RECORD TO

4 1/2" SUPT T.D. 5 1/2" SUPT 10"

EQUIPMENT DATA

GAMMA RAY TOOL MODEL No. L-103 RESISTANCE TOOL MODEL No. L-103 DENSITY TOOL MODEL No. L-103 CALIPER

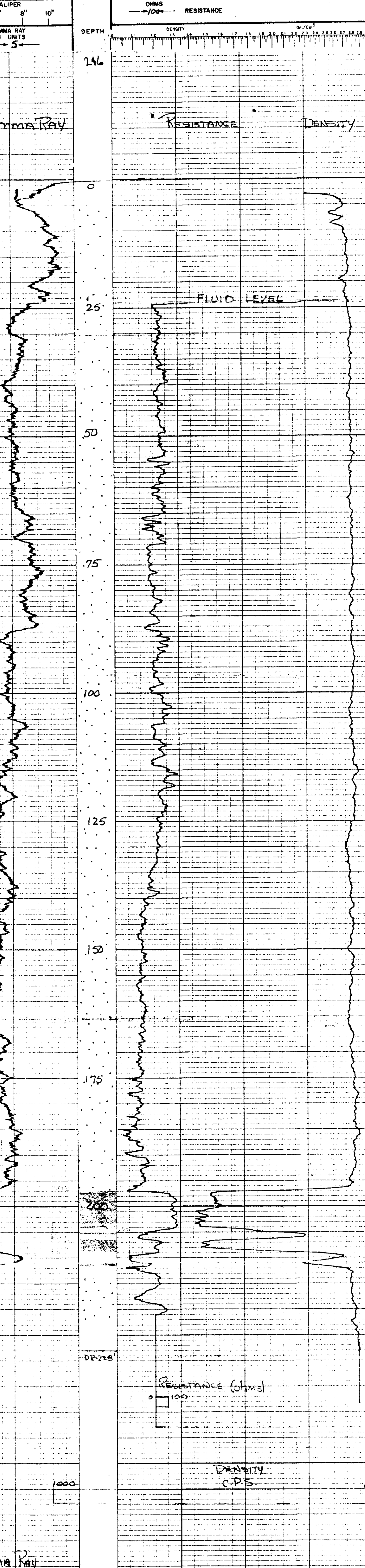
DIAMETER 2 1/8" DIAMETER 2 1/8" WE 2 1/8"

DETECTOR MODEL No. CP-516 TYPE SPACING 13"

LENGTH 3' HOR. SCALE 100 FT. HO/P

TRUCK No. 2 SOURCE MODEL CS-137

LOCATION KIVA R ISOTOPE 125 m.c



GAMMA RAY C.P.S. 10



78-247

**LEXCO TESTING LTD. GAMMA-DENSITY - RESISTANCE**

700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA.

HOLE QJ-78-247 SURVEYED DATA

LOCATION 12+50 TP. RGE W ELEV. 1162

AREA QUINSAM LOC. 12+58-50954

PROVINCE B.C. L38

RUN No. 2

DATE Aug 20 1978

DEPTH - DRILLER 168'

DEPTH - LOGGER 159'

FLUID LEVEL 14.5'

LOGGING TIME 14.5'

DRILLED BY H. VINCENT

RECORDED BY P. DUNN

WITNESSED BY R. KENNEDY

BIT 5 1/2" SIZE 5 1/2" CASING RECORD 20'

BORE-HOLE RECORD 5 1/2" FROM SURF TO 20'

EQUIPMENT DATA

GAMMA RAY L-103 TOOL MODEL No. L-103 RESISTANCE DENSITY CALIPER

TOOL MODEL No. L-103 TOOL MODEL No. L-103

DIAMETER 2 1/8" DIAMETER 2 1/8"

DETECTOR MODEL No. CP-516 TYPE ME F

TYPE SCINT SCINT SCALING 13"

LENGTH 3' LENGTH 1'

TRUCK No. 2 HOR SCALE 100 SLANT HOVP 2

LOCATION 7 APPALACHIAN ISOTOPE CS-137 STRENGTH 125 m.c.

LOGGING DATA

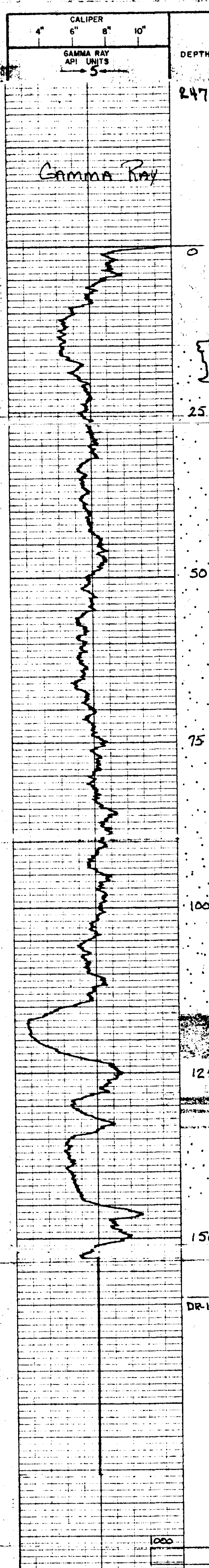
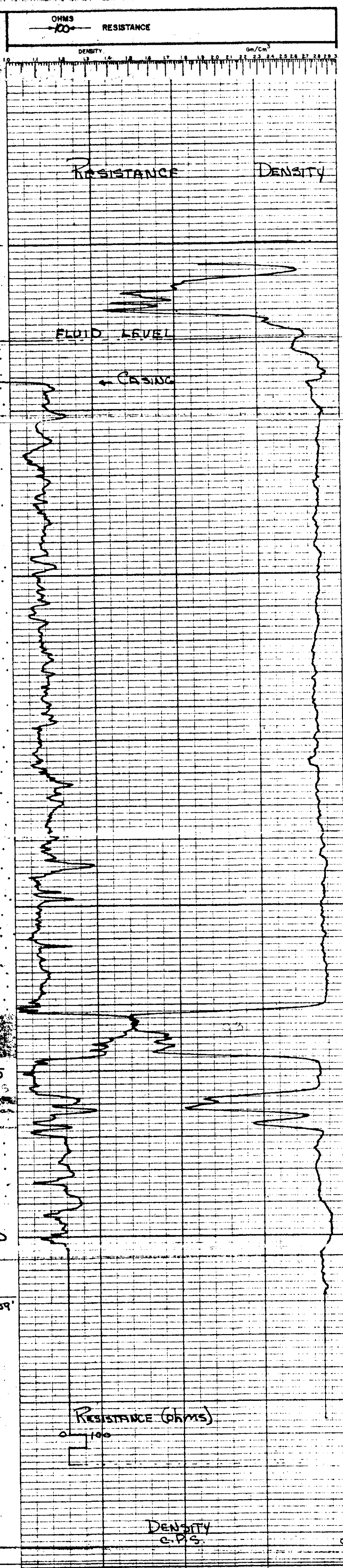
GENERAL

DEPTH FROM TO SPEED RPM SEC T.C. SENS ZERO API UNITS PER DIV. T.C. SENS ZERO DENSITY SENS ZERO

1 0 12 4 100 5 1 1K

REMARKS

PC





**LEXCO TESTING LTD. GAMMA-DENSITY - RESISTANCE**

700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA.

HOLE OU-18-248 SURVEYED DATA

LOCATION 31°50' N SEC. 17, T18, R10, W. 1041' ELEV. 1041'

AREA QUINSAM LOC. 31°47' 2411' 47"

PROVINCE B.C. (33371)

DATE Aug 20, 1978

DEPTH - METER 311'

DEPTH - LOGS 311'

FLUID LEVEL 275'

LOGGING TIME 7:51

WELLED BY C. GARDNER

RECORDED BY C. GARDNER

WITNESSED BY C. GARDNER

BIT 7" CASING RECORD TO

BIT 7" FROM 7' TO 12'

BIT 7" FROM 7' TO 12'

BIT 7" FROM 7' TO 12'

BIT 7" FROM 7' TO 12'

BIT 7" FROM 7' TO 12'

BIT 7" FROM 7' TO 12'

BIT 7" FROM 7' TO 12'

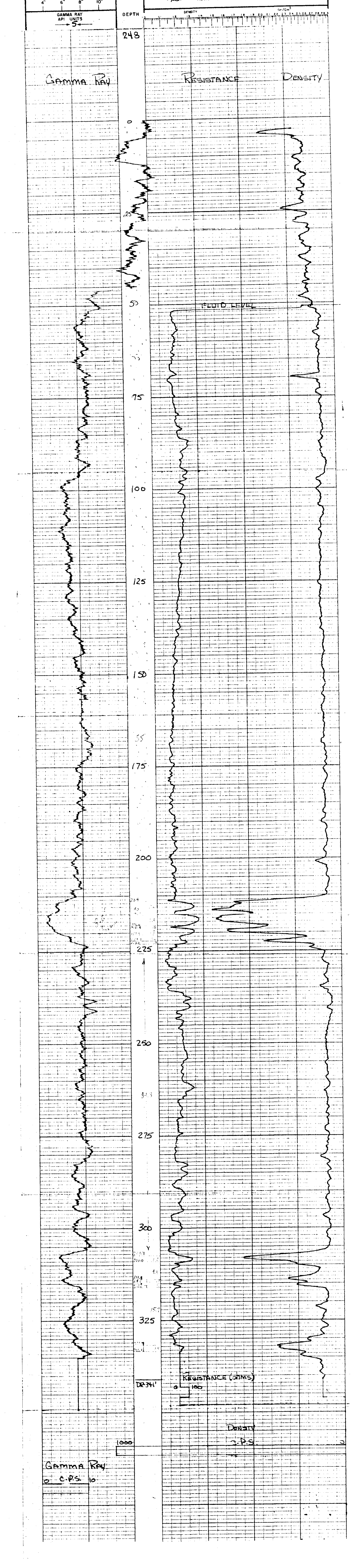
BIT 7" FROM 7' TO 12'

BIT 7" FROM 7' TO 12'

BIT 7" FROM 7' TO 12'

BIT 7" FROM 7' TO 12'

BIT 7" FROM 7' TO 12'



GENERAL	SPEED		T.C.	SENS.	ZERO	API UNITS	T.C.	SENS.	ZERO
RUN NO.	FROM	TO	FT/MIN	SEC.	SETTING	PER DIV.	SEC.	SETTING	PER DIV.
1	391	0	12	4	100	5	1	1	1

REMARKS

PC

78-249

**LEXCO TESTING LTD. GAMMA-DENSITY - RESISTANCE**

700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA.

HOLE QJ-18-249 SURVEYED DATA

LOCATION 750 H SEC TP RGE W ELEV. 1162

AREA QUINSABA LOC 750-5205LT

PROVINCE BC

DATE Aug 21, 1978

DEPTH-DRILLER 300'

DEPTH-LOGGER 298'

FLUID LEVEL 215'

LOGGING TIME 1 hr

DRILLED BY H. JACKI

RECORDED BY D. DUBBER

WITNESSED BY R. KENNEDY

BIT 5 1/2" FROM CASING RECORD TO

BIT 5 1/2" FROM CASING RECORD TO

BIT 5 1/2" FROM CASING RECORD TO

BIT 5 1/2" FROM CASING RECORD TO

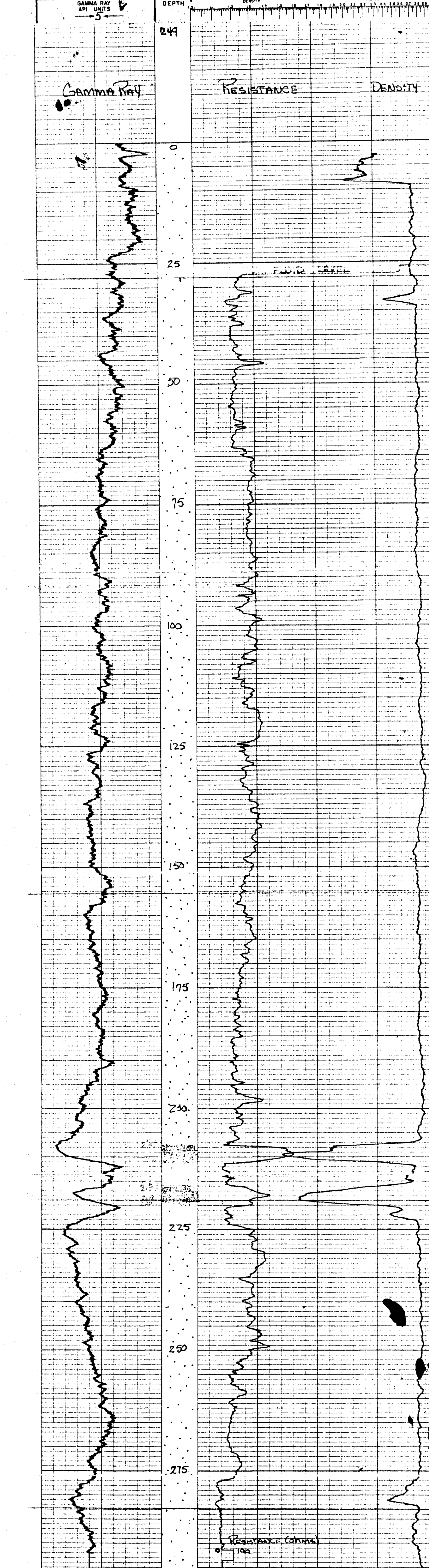
BIT 5 1/2" FROM CASING RECORD TO

BIT 5 1/2" FROM CASING RECORD TO

BIT 5 1/2" FROM CASING RECORD TO

EQUIPMENT DATA		RESISTANCE		DENSITY		CALIBER	
TOOL MODEL No.	L-103	TOOL MODEL No.	L-103	L-103	L-103	L-103	L-103
DIAMETER	2 1/8"	DIAMETER	2 1/8"	DIAMETER	2 1/8"	DIAMETER	2 1/8"
DETECTOR MODEL No.	GP-516	DETECTOR MODEL No.	GP-516	DETECTOR MODEL No.	GP-516	DETECTOR MODEL No.	GP-516
TYPE	SCINT	TYPE	SCINT	TYPE	SCINT	TYPE	SCINT
LENGTH	3'	LENGTH	3'	LENGTH	3'	LENGTH	3'

GENERAL		LOGGING DATA		DENSITY		ZERO	
TRUCK No.	2	ISOTOPE	124/241	HOVP	CS-137	CS-137	CS-137
LOCATION	Campbell River	ISOTOPE	124/241	HOVP	CS-137	CS-137	CS-137
LOGGING DATA	LOGGING DATA	LOGGING DATA	LOGGING DATA	LOGGING DATA	LOGGING DATA	LOGGING DATA	LOGGING DATA



DEPTH	RESISTANCE (ohms)	DENSITY (Gm/Cm³)
0	~15	~2.2
25	~15	~2.2
50	~15	~2.2
75	~15	~2.2
100	~15	~2.2
125	~15	~2.2
150	~15	~2.2
175	~15	~2.2
200	~15	~2.2
215	~100	~2.5
225	~15	~2.2
250	~15	~2.2
275	~15	~2.2

PC



28-250

**LEXCO TESTING LTD. GAMMA-DENSITY - RESISTANCE**

700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA.

HOLE QU-78-250 SURVEYED DATA

LOCATION 45+00 2500 LF SEC TP RGE W ELEV. 1000

AREA QUINSEAM LOC. 4498 - 2527 LT

PROVINCE B.C. (3571)

DATE Aug 22, 1978

DEPTH-DRILLER 5108

DEPTH-LOGGER 1019, 1019, 1019

FLUID LEVEL 5hr

LOGGING TIME 5hr

DRILLED BY C. Gardner

RECORDED BY P. Dunbar

WITNESSED BY K. Pangburn

BORE-HOLE RECORD

BIT FROM TO SIZE FROM TO

6" SURF 7" T.D. 7" SURF 18'

EQUIPMENT DATA

GAMMA RAY TOOL MODEL No. L-103 RESISTANCE L-103 DENSITY L-103 CALIPER

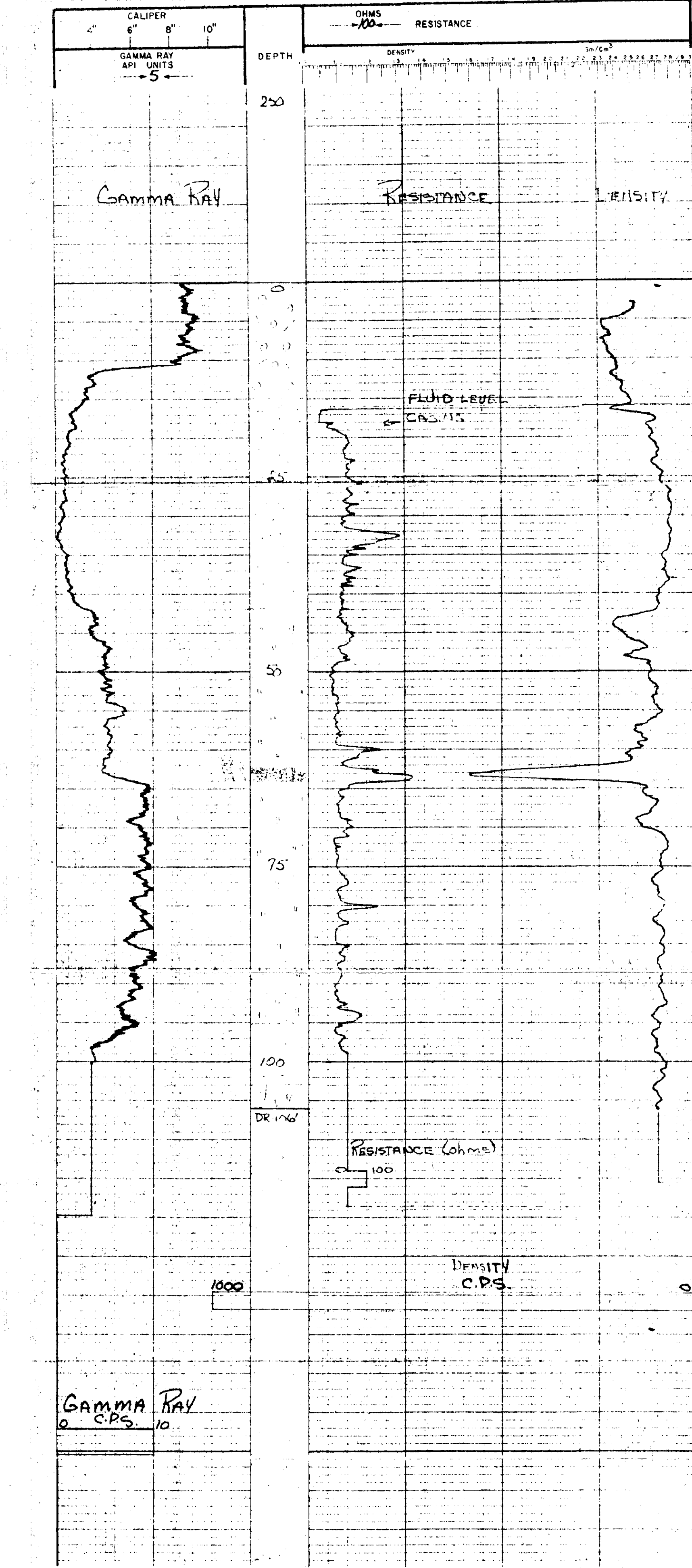
DIAMETER 2 1/8" TYPE ME F

DETECTOR MODEL No. CP-516 SCINT SPACING 13"

LENGTH 3"

TRUCK No. 2 HOR SCALE 100 S/L

LOCATION CAMPBELL RIVER ISOTOPE CS-137 HOVP 125 m.c.



PC





78-252

**LEXCO TESTING LTD. GAMMA-DENSITY - RESISTANCE**

700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA.

HOLE **QU-78-252** SURVEYED DATA

LOCATION **17+50 1/2 SEC TP. RGE W** ELEV. **1195**

AREA **QUINSAM** LOC. **17463 - 5711 AT**

PROVINCE **B.C. (371)**

DATE **NOV 22 1978**

DEPTH-DRILLER **178'**

DEPTH-LOGGER **178'**

FLUID LEVEL **11.5'**

LOGGING TIME **5 hr**

DRAWN BY **H. VICKERT**

RECORDED BY **R. DUNBAR**

WITNESSED BY **R. DUNBAR**

BIT **4 1/2" SURF**

BOREHOLE RECORD **TD**

SIZE **5 1/2" SURF**

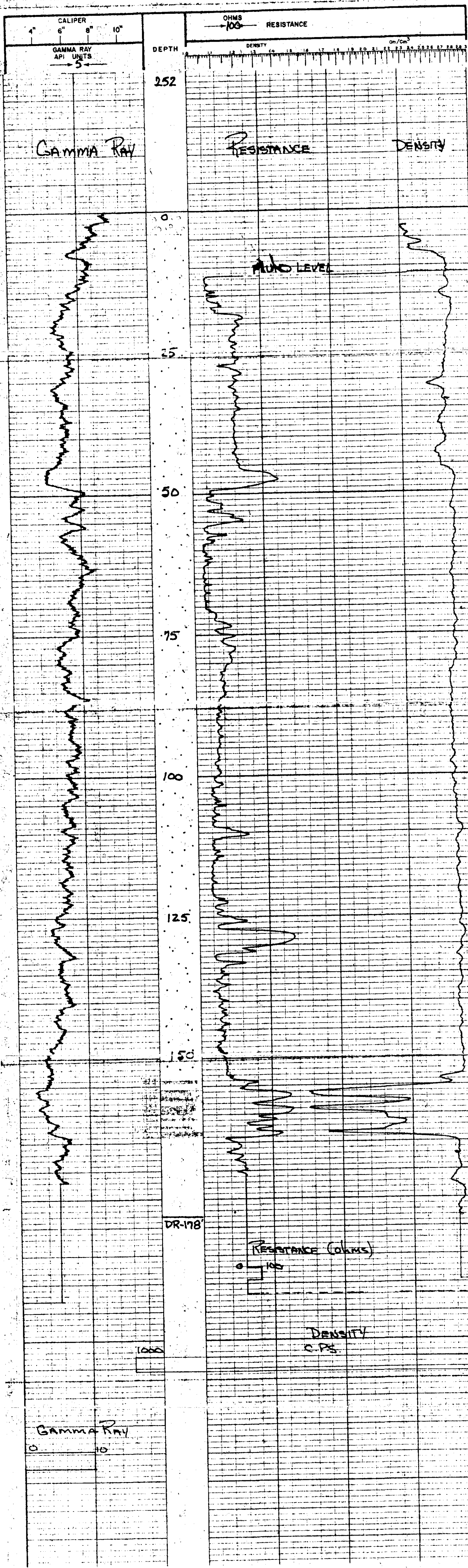
FROM **10'**

TO **10'**

EQUIPMENT DATA		RESISTANCE		DENSITY		CALIPER	
TOOL MODEL No.	L-103	TOOL MODEL No.	L-103	TOOL MODEL No.	L-103	TOOL MODEL No.	L-103
DIAMETER	2 1/8"	DIAMETER	2 1/8"	DIAMETER	2 1/8"	DIAMETER	2 1/8"
DETECTOR MODEL No.	CP-516	DETECTOR MODEL No.	CP-516	DETECTOR MODEL No.	CP-516	DETECTOR MODEL No.	CP-516
TYPE	SCINT	TYPE	SCINT	TYPE	SCINT	TYPE	SCINT
SPACING	1"	SPACING	1"	SPACING	1"	SPACING	1"
LENGTH	3'	LENGTH	3'	LENGTH	3'	LENGTH	3'
HOR SCALE	100 Ω/ft	HOR SCALE	100 Ω/ft	HOR SCALE	100 Ω/ft	HOR SCALE	100 Ω/ft
ISOTOPE	CS-137	ISOTOPE	CS-137	ISOTOPE	CS-137	ISOTOPE	CS-137
STRENGTH	125 mCi	STRENGTH	125 mCi	STRENGTH	125 mCi	STRENGTH	125 mCi

GENERAL		SPEED		T.C.		SENS.		ZERO	
RUN No.	1	FROM	TO	FE/Min	SEC	SE/Min	PER DIV	SE/Min	SEC
DEPTHS	0	178'	12	4	100	5	1	10	10

REMARKS:





M 71-296

**LESCO TESTING LTD. GAMMA-DENSITY - RESISTANCE**

700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA

HOLE QU-18-396 SURVEYED DATA

LOCATION 155 R. SEC. 17, T12, R10E ELEV. 1068

AREA QUINSMAN LOC. 1702-1758

PROVINCE BC

DATE Sept. 26, 1978

DEPTH - DRILLER 200'

DEPTH - LOGGER 200'

FLUID LEVEL 147'

LOGGING TIME 1 hr 10 min

DRILLED BY A. J. JACKSON

RECORDED BY P. DUNBAR

WITNESSED BY P. DUNBAR

BIT 4 1/2" SURF

LOGGING RECORD

EQUIPMENT DATA

GAMMA RAY

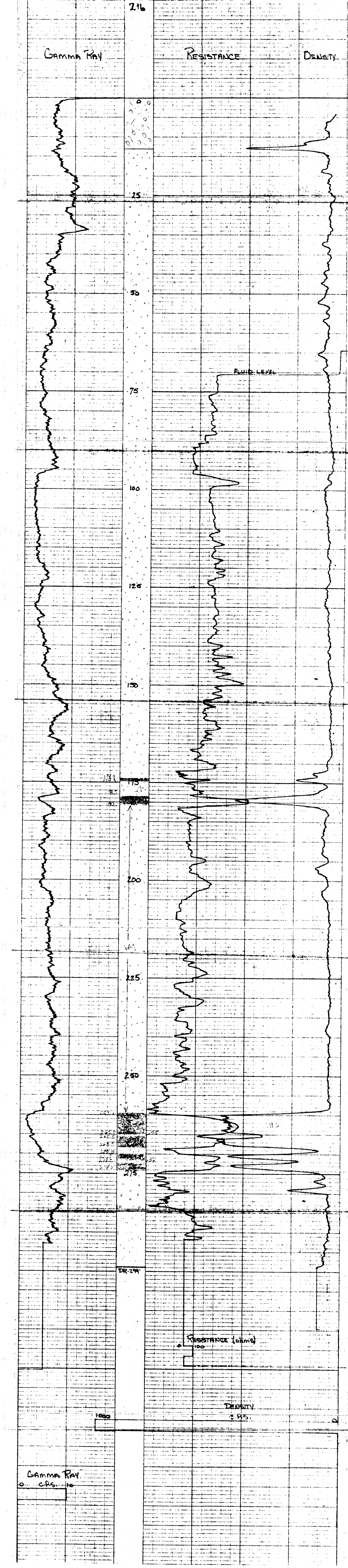
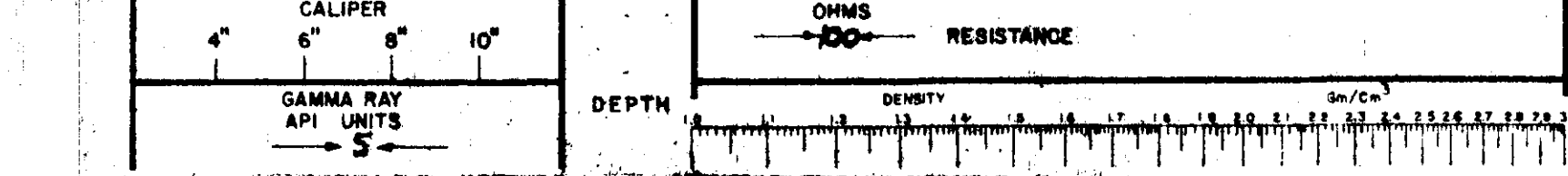
TOOL MODEL NO. L-103 RESISTANCE DENSITY CALIBER

DIAMETER 2 1/8" DIAMETER 2 1/8"

DETECTOR MODEL NO. Q-516 TYPE SCINT

REMARKS

TRUCK No. 2 SOURCE MODEL 100 SLD HOIP



Gamma Ray  
0 CPS. 10



78-297

**LEXCO TESTING LTD. GAMMA-DENSITY - RESISTANCE**

700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA

HOLE QU-78-297 SURVEYED DATA

LOCATION 4700 3400 R. SEC 17 RGE W ELEV. 984 1/2

AREA QUINISARM LOC. 40+10 - 3541 B.

PROVINCE B.C. LA

DATE SEP 29 1978

DEPTH-DRILLER 334

DEPTH-LOGGER 334

LOGGING TIME 1 hr. 15 min

DRILLED BY E. Gaudin

RECORDED BY D. D'Amico

WITNESSED BY R. D'Amico

BIT 3 1/2" SIZE 3 1/2" CASING RECORD TO

LOG NO. 3

TOOL MODEL NO. 1-03 TOOL MODEL NO. 1-03

DIAMETER 2 1/8" DIAMETER 2 1/8"

DETECTOR MODEL NO. CP-518 TYPE 2 1/8"

TRUCK No. 2 LENGTH 3

LOCATION Carriage / River SOURCE MODEL SOLO HOOP CS-137

GENERAL LOGGING DATA

GENERAL LOGGING DATA

GENERAL LOGGING DATA

GENERAL LOGGING DATA

GENERAL LOGGING DATA

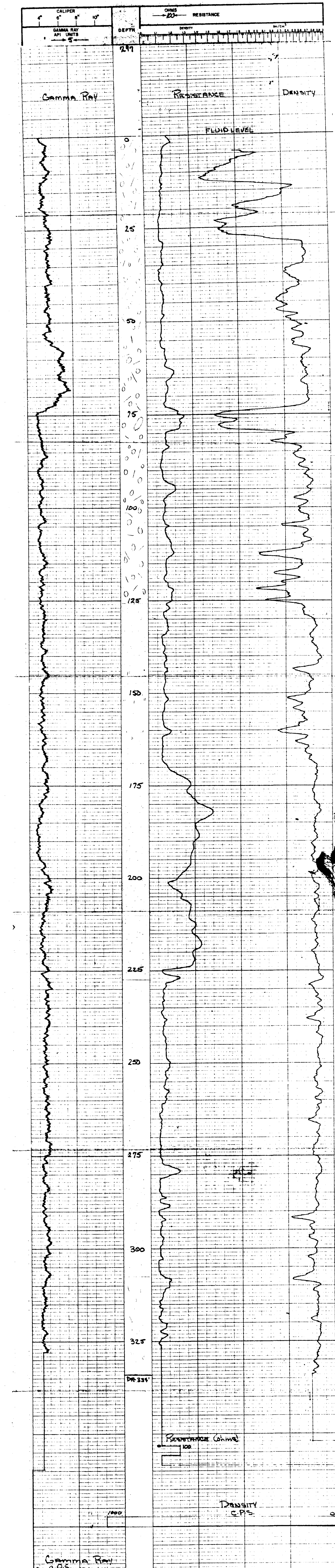
GENERAL LOGGING DATA

GENERAL LOGGING DATA

GENERAL LOGGING DATA

REMARKS

PC







78-299

**LEXCO TESTING LTD. GAMMA-DENSITY - RESISTANCE**

700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA.

HOLE QU-18-219 SURVEYED DATA

LOCATION 450 R. SEC 20 T1P RGE W ELEV. 1002

AREA QUINSEAN LOC. 8468 051/87

PROVINCE B.C. (L4) 71

DATE Oct 11 1953

DEPTH-DRILLER 245

DEPTH-LOGGER 245

FLUID LEVEL 125 FT

LOGGING TIME 125 FT

DRILLED BY C. DAVENPORT

RECORDED BY P. BURGESS

WITNESSED BY R. BURGESS

BORE-HOLE RECORD

BIT FROM TO SIZE FROM TO

RESISTANCE RECORD

EQUIPMENT DATA

GAMMA RAY TOOL MODEL No. L-103 RESISTANCE TOOL MODEL No. L-103 DENSITY TOOL MODEL No. L-103 CALIPER TOOL MODEL No. L-103

DIAMETER 2 1/8" DIAMETER 2 1/8" DIAMETER 2 1/8"

DETECTOR MODEL No. CP-516 TYPE MIE F 13"

TYPE SCINT SCINT SCINT

LENGTH 3' 1' 1'

GENERAL HOR. SCALE 100 GAUSS

TRUCK No. 2

LOCATION Land Bell River

ISOTOPE CS-137

STRENGTH 125 m.c.

LOGGING DATA

GENERAL

DEPTH FROM TO SPEED T.C. SENS. ZEMO GAMMA RAY API UNITS PER DIV. T.C. SENS. DENSITY ZERO

1 237 0 12 4 100 5 1 15

REMARKS

DR-237

RESISTANCE (ohms)

0 100

RESISTANCE

DENSITY

GAMMA RAY

DEPTH

0 25 50 75 100 125 150 175 200 225

RESISTANCE

DENSITY

GAMMA RAY

DEPTH

0 25 50 75 100 125 150 175 200 225

RESISTANCE

DENSITY

GAMMA RAY

DEPTH

0 25 50 75 100 125 150 175 200 225

RESISTANCE

DENSITY

GAMMA RAY

DEPTH

0 25 50 75 100 125 150 175 200 225

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0 25 50 75 100 125 150 175 200 225

RESISTANCE

DENSITY

GAMMA RAY

DEPTH

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78-281

**LEXCO TESTING LTD. GAMMA-DENSITY - RESISTANCE**

700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA.

HOLE DJ-78-281 SURVEYED DATA

LOCATION T+50 5150 ft SEC TP RGE W ELEV. 1194

AREA QUINSAM LOC. -7+6-580017

PROVINCE BC

DATE Sept 7, 1978

DEPTH-DRILLER 125'

DEPTH-LOGGER 121'

FLUID LEVEL

LOGGING TIME

DRILLED BY S. H. T. J. J. J.

RECORDED BY P. J. J. J.

WITNESSED BY R. J. J. J.

BIT 7 1/2" SUB

FROM TD TO 10'

SIZE 7 1/2" SUB

FROM TD TO 10'

RESISTANCE DENSITY CALIBER

TOOL MODEL No. L-103 TOOL MODEL No. L-103

DIAMETER 2 1/8" DIAMETER 2 1/8"

DETECTOR MODEL No. CP-516 TYPE ME

TYPE SCINT SPACING 15"

LENGTH 3" LENGTH 15"

GENERAL TRUCK No. 2 HOV SCALE 100 G.P.S.

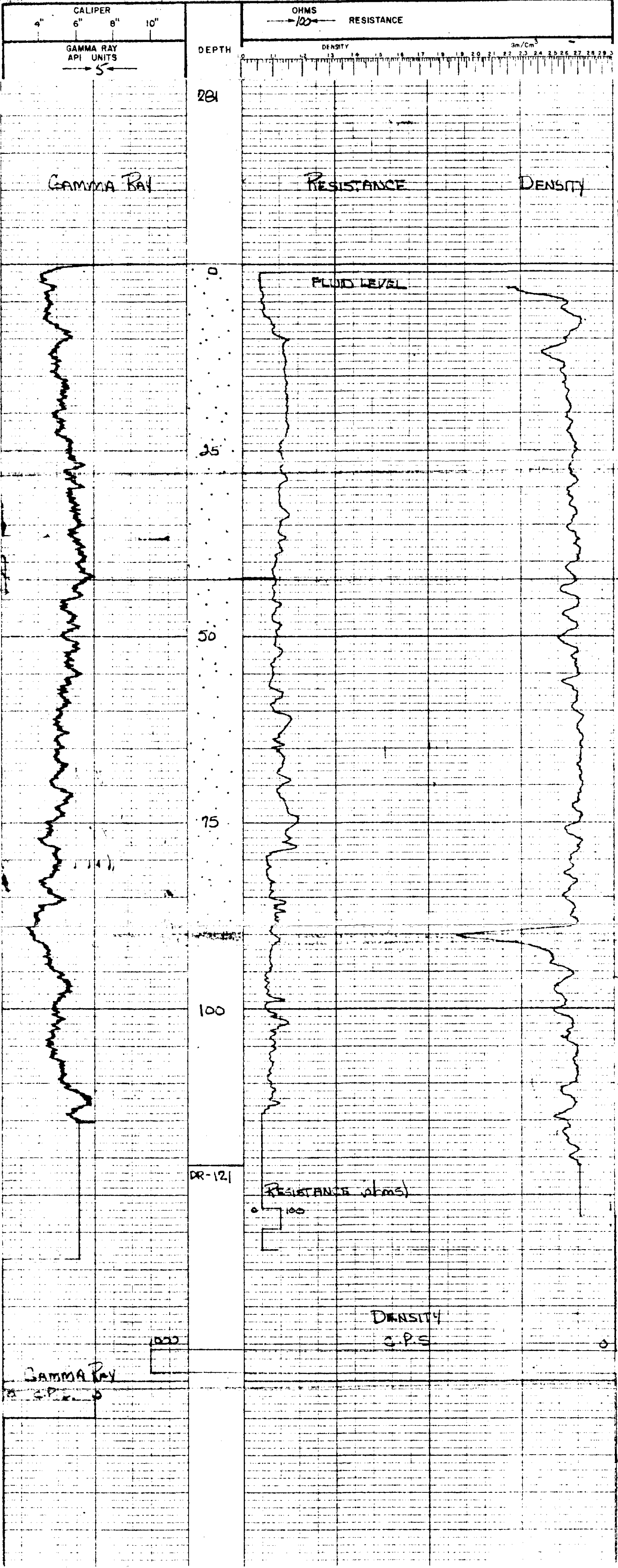
LOCATION CAMPBELL SOURCE MODEL CS-137

LOGGING DATA

GENERAL		GAMMA RAY		DENSITY	
RUN No.	DEPTHS	SPEED	T.C.	API UNITS	T.C.
FROM	TO	F/Min	SETTING	PER DIV.	SENS
1	121'	0	12	4	100
				5	1
					K

REMARKS

PC



78-282

**LEXCO TESTING LTD. GAMMA-DENSITY - RESISTANCE**

700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA.

HOLE QU-78-282 SURVEYED DATA

LOCATION 750 LA SEC TP RGE W ELEV. 1194

AREA QUINERMAN LOC. 7400-44BOLT

PROVINCE BC

DATE SEPT. 13, 1978

DEPTH-DRILLER 220'

DEPTH-LOGGER 218'

FLUID LEVEL 5 hr. total

LOGGING TIME 4. VINCANTI

DRILLED BY D. DUNBAR

RECORDED BY R. BROADBENT

WITNESSED BY BONE-HOLE RECORD

BIT 4 1/2" SURF CASING RECORD NO

SIZE 5 1/2" SURF LOG

TOOL MODEL NO. L-103 TOOL MODEL NO. L-103 RESISTANCE L-103 DENSITY L-103 CALIPER

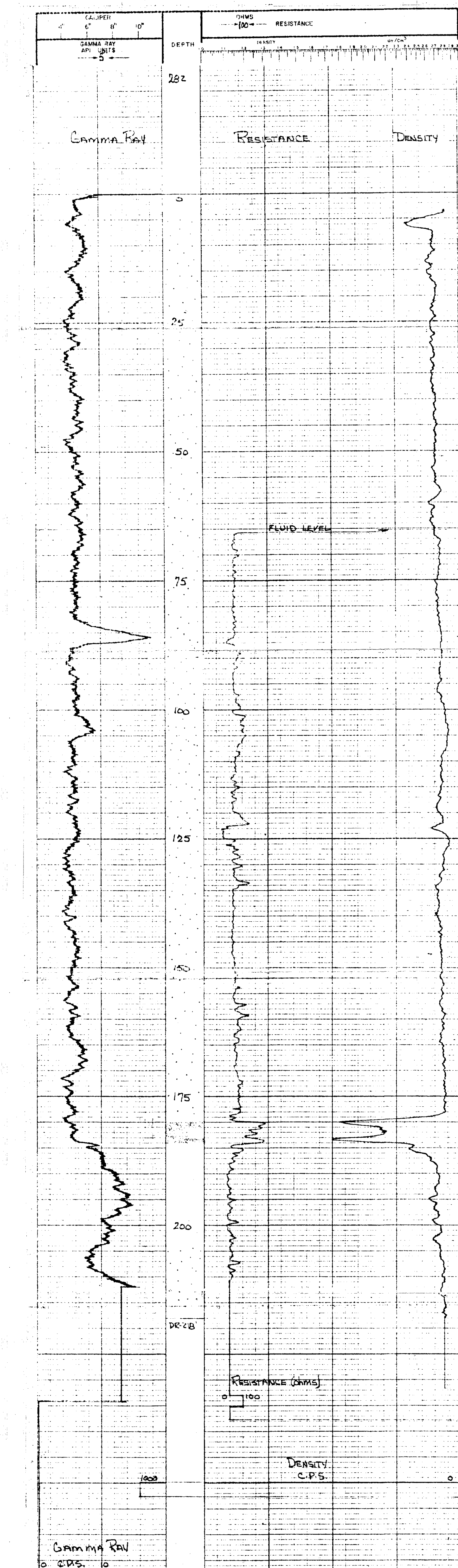
DIAMETER 2 1/8" DIAMETER 2 1/8"

DETECTOR MODEL NO. GA-516 TYPE ME

TRUCK No. 2 HGR SCALE 100 S. INCH HOVR CS-137

LOCATION CARIBBIAN RIVER SCITOPF 123 m.c.

REMARKS



PC





78-284

**LEXCO TESTING LTD. GAMMA-DENSITY - RESISTANCE**

700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA.

HOLE QU-18-284 SURVEYED DATA

LOCATION 4000 1/4 SEC 14 TP RGE W ELEV. 1185

AREA QUINSAM LOC. 7-59-5014-1

PROVINCE B.C. (L8) 31

RUN NO. 2

DATE Sept 15, 1978

DEPTH - DRILLER 240

DEPTH - LOGGER 218

FLUID LEVEL 151' (101')

LOGGING TIME 151' (101')

DRILLED BY H. VINCENT

RECORDED BY P. DUNBAR

WITNESSED BY P. DUNBAR

BORE-HOLE RECORD FROM TO

BIT FROM TO

SIZE FROM TO

4 1/2" SURF 5 1/2" SURF 10'

EQUIPMENT DATA

GAMMA RAY TOOL MODEL NO. 1-03 TOOL MODEL NO. L-103 RESISTANCE L-103 DENSITY L-103 CALIPER

DIAMETER DETECTOR MODEL NO. 2 1/2" DIAMETER 2 1/8" ME 2 1/8" F

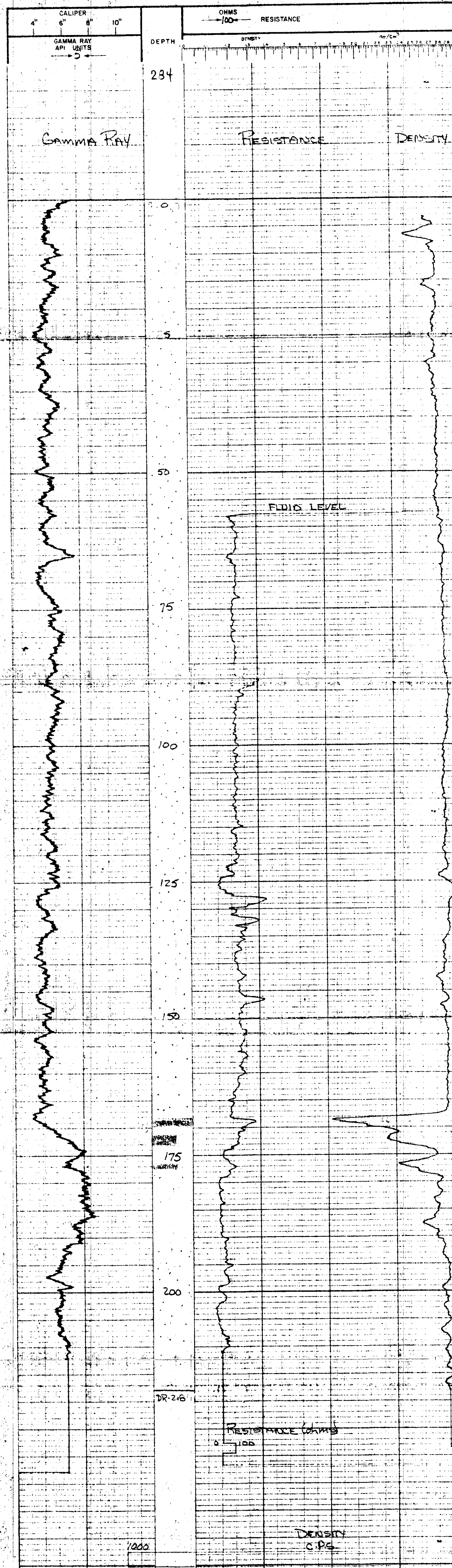
TYPE SCINT SCINT SCINT SYNCHRO SCINT LENGTH 13"

TRUCK NO. 2 HOPE 100 SOURCE MODEL CS-137

LOCATION CAMPBELL RIVER ISOTOPE CS-137 STRENGTH 125 mCi

GENERAL				GAMMA RAY				DENSITY			
RAW	DEPTH	SPEED	T.C.	RAW	DEPTH	SPEED	T.C.	RAW	DEPTH	SPEED	T.C.
No.	FROM	TO	FEED	No.	FROM	TO	FEED	No.	FROM	TO	FEED
1	218	2	12	4	100	5	1	1	1	1	1

REMARKS



Gamma Ray  
c.p.s.





78-286

**LEXCO TESTING LTD. GAMMA-DENSITY - RESISTANCE**

700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA.

HOLE DL-78-286 SURVEYED DATA

LOCATION 5600 A SEC TP RGE W ELEV. 1189

AREA QUINSBRY LOC. -7-54-4920LT

PROVINCE B.C. 11071

RUN No. \_\_\_\_\_ DATE SEPT 14 1978

DEPTH-DRILLER 225'

DEPTH-LOGGER 221'

FLUID LEVEL \_\_\_\_\_

LOGGING TIME \_\_\_\_\_

DRILLED BY C. SANDERS

RECORDED BY D. DAVIES

WITNESSED BY R. Thompson

BORE-HOLE RECORD

BIT \_\_\_\_\_ TO \_\_\_\_\_

SIZE \_\_\_\_\_ FROM \_\_\_\_\_ TO \_\_\_\_\_

7" SURF 10'

EQUIPMENT DATA

GAMMA RAY \_\_\_\_\_

TOOL MODEL No. L-103 RESISTANCE \_\_\_\_\_

DIAMETER 2 1/8" DENSITY \_\_\_\_\_

DETECTOR MODEL No. CP-516 TYPE 2 1/8" CALIBER \_\_\_\_\_

TYPE \_\_\_\_\_ W.E. \_\_\_\_\_

SCINT. \_\_\_\_\_

SCINT. LENGTH 13"

GENERAL

TRUCK No. 2 HOR. SCALE \_\_\_\_\_

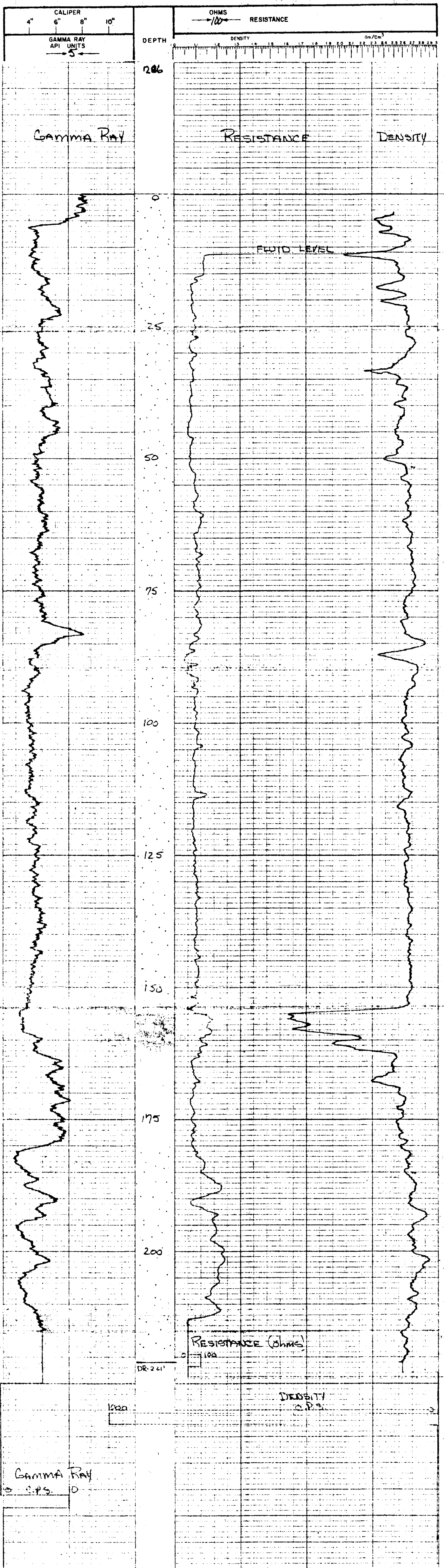
LOCATION Campana River ISOTOPE \_\_\_\_\_

STRENGTH \_\_\_\_\_

LOGGING DATA

GENERAL		GAMMA RAY		DENSITY	
DEPTH FROM	DEPTH TO	SPEED F/Min	T.C. SEC. SETTINGS	API UNITS PER DIV.	T.C. SEC. SETTINGS
1	221	0	12	4	100
				5	1
					1K

REMARKS:



RESISTANCE (OHMS)

DENSITY G.P.S.

DR 221'

1000

GAMMA RAY API UNITS



78-287

**LEXCO TESTING LTD. GAMMA-DENSITY - RESISTANCE**

700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA

HOLE QU-7E-287 SURVEYED DATA

LOCATION 3000 R. SEC. TP. RGE. W. ELEV. 240

AREA QUINSMAN LOC. 177 733 R.

PROVINCE B.C. (L1171)

DATE SEPT 15 1958

DEPTH-DRILLER BU

DEPTH-LOGGER BU

FLUID LEVEL 13'

LOGGING TIME 3 hr. total

DRILLED BY C. GARDNER

RECORDED BY D. DUNBAR

WITNESSED BY R. THOMPSON

BORE-HOLE RECORD

BIT FROM TO SIZE FROM TO CASING RECORD FROM TO

6" SURF TO 7' SURF 2 3/4"

EQUIPMENT DATA

TOOL MODEL NO. L-103 TOOL MODEL NO. L-103 RESISTANCE L-103 DENSITY L-103 CALIPER

DIAMETER 2 1/8" DIAMETER 2 1/8"

DETECTOR MODEL NO. CP-316 TYPE ME

TYPE SCINT SPACING 13"

LENGTH 3 LENGTH 13"

GENERAL LOGGING DATA

TRUCK NO. 2 SOURCE MODEL HOVP

LOCATION Campbell RIVER ISOTOPE CS-137

STRENGTH 125 m.c.

GENERAL

GENERAL

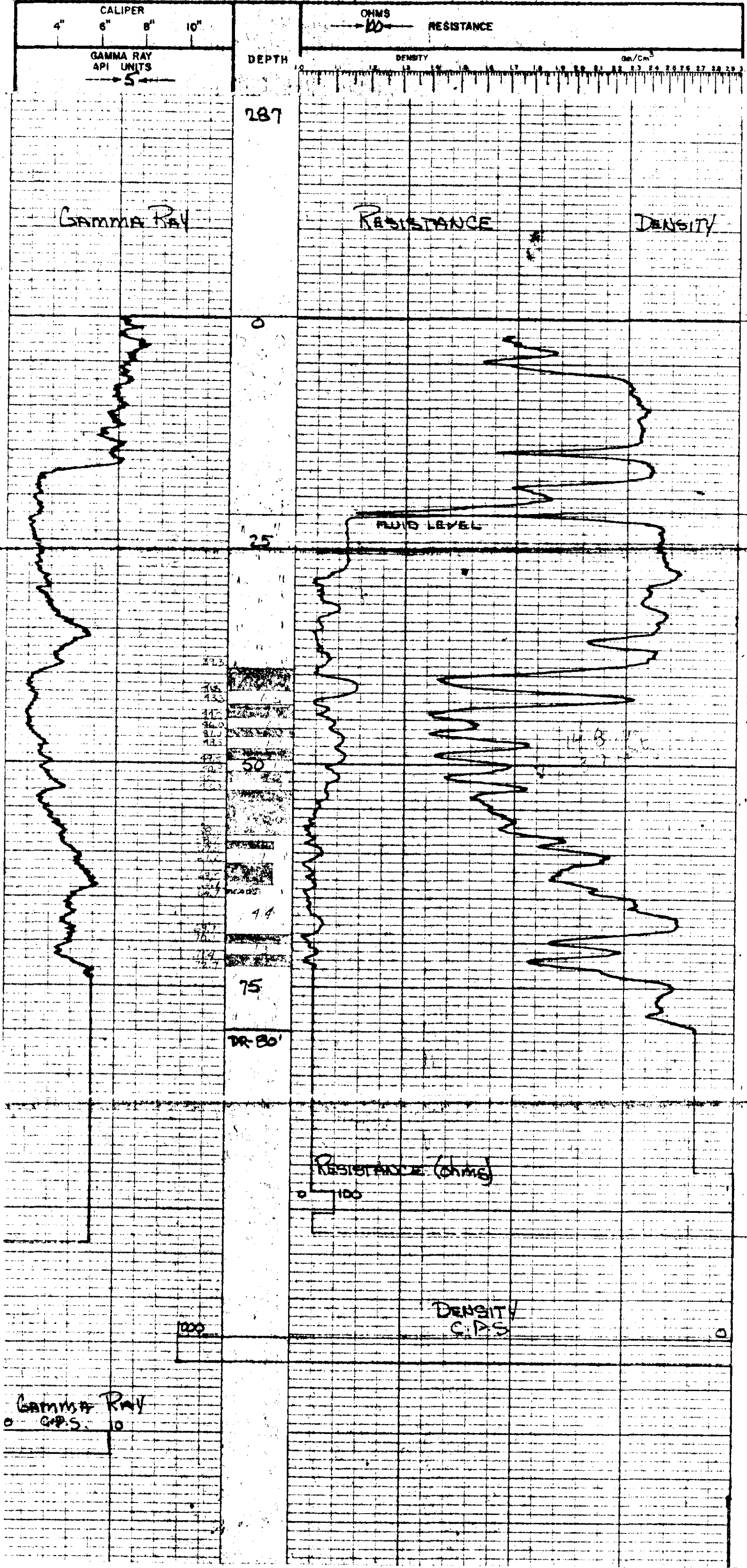
GENERAL

GENERAL

GENERAL

REMARKS

PC



78-288

**LEXCO TESTING LTD. GAMMA-DENSITY - RESISTANCE**

700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA.

HOLE DW-79-288 SURVEYED DATA

LOCATION 4100 RT. SEC TP RGE W ELEV. 1054

AREA Quinsam LOC. B183 - B03RT

PROVINCE B.C.

RUN NO. 1

DATE 5/27/58

DEPTH - PAUL LER 258

DEPTH - LOGGER 258

LOGGING TIME 7:45 AM

RECORDED BY H. L. ...

WITNESSED BY H. L. ...

BORE-HOLE RECORD

SIZE FROM TO

TYPE

LOGS

RESISTANCE

DENSITY

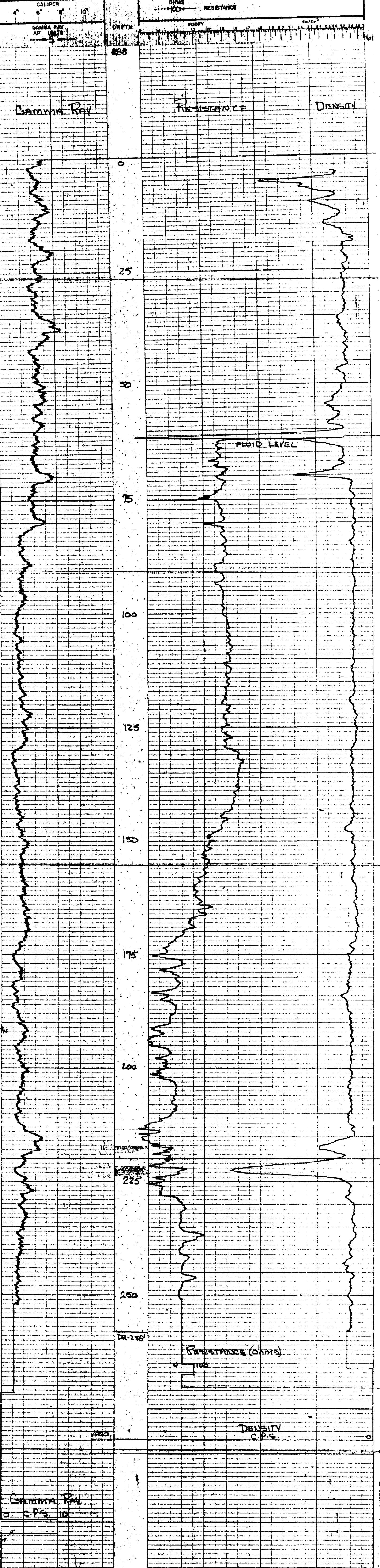
CALIPER

GENERAL

LOGGING DATA

REMARKS:

PC



GAMMA RAY  
0 C.P.S. 10







78-290

**LEXCO TESTING LTD. GAMMA-DENSITY - RESISTANCE**

700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA.

HOLE Q13-7B-290 SURVEYED DATA

LOCATION 13+50 R1 SEC TP RGE W ELEV. 978

AREA Quiltsen LOC. 13+47 - 15272

PROVINCE B.C. L1471

DATE SEPT 18, 1978

DEPTH - DRILLER 111'

DEPTH - LOGGER 114'

FLUID LEVEL 12'

LOGGING TIME 1 1/2 hr Total

DRILLED BY C. GARBER

RECORDED BY D. PULVER

WITNESSED BY R. KENNEDY

BORE-HOLE RECORD

BY L. SUE TO T.D. SIZE 7 1/2" FROM S&S TO BK

EQUIPMENT DATA

GAMMA RAY TOOL MODEL No. L-103 RESISTANCE TOOL MODEL No. L-103 DENSITY TOOL MODEL No. L-103 CALIPER

DIAMETER 2 1/8" TYPE ME F 2 1/8"

DETECTOR MODEL No. CP-516 SCINT SCINT SMCING 13"

LENGTH 3" LENGTH 1"

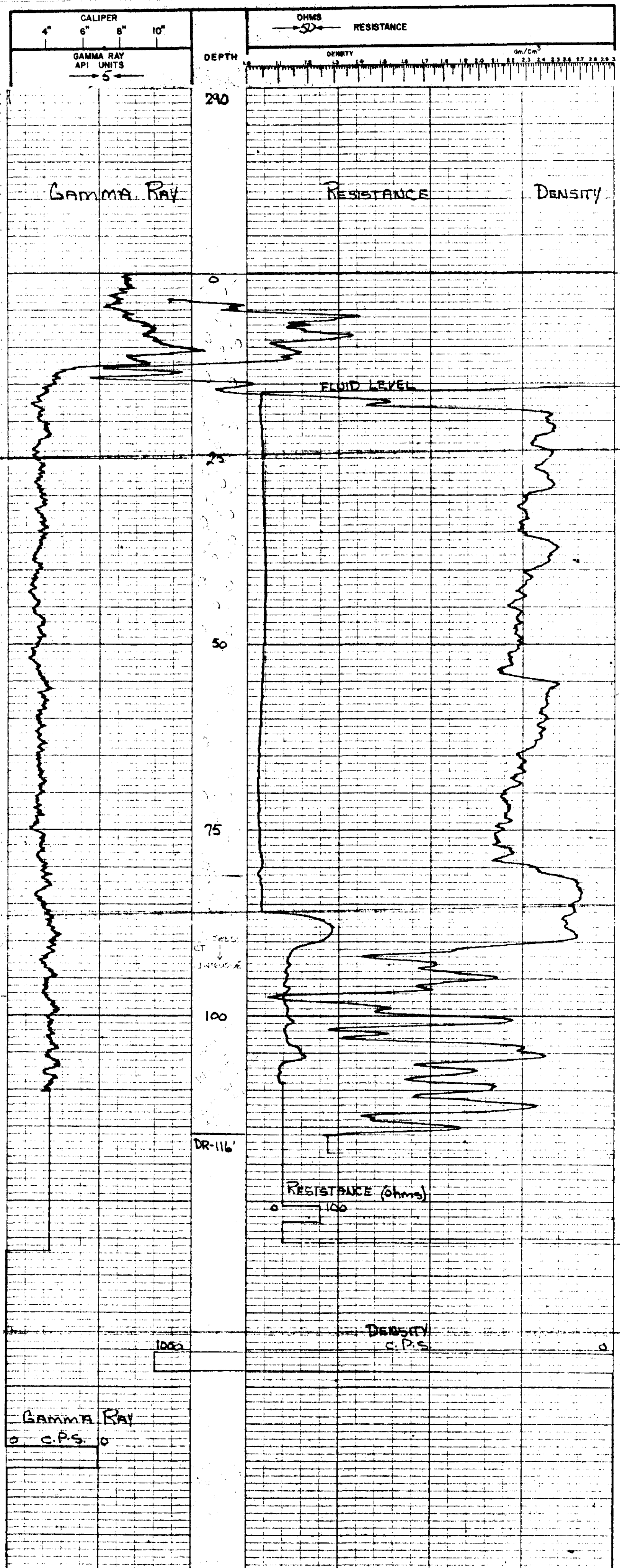
TRUCK No. 2 HOUR SCALE 50/100 SOURCE MODEL HOV8

LOCATION CANADIAN RIVER ISOTOPE CS-137 STRENGTH 125 m.c.

GENERAL		GAMMA RAY		DENSITY	
RUN No.	DEPTHS FROM TO	SPEED RPM/HR	T.C. SEC. SETTINGS	API UNITS PER DIV.	T.C. SEC. SETTINGS
1	16'	0	12	4	100
				5	1
					IK

REMARKS:

PC



78-292

**LEXCO TESTING LTD. GAMMA-DENSITY - RESISTANCE**

700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA.

HOLE QU-78-242 SURVEYED DATA

LOCATION 19450 R. SEC. 17, RGE. W. ELEV. 1660

AREA QUINSDALE LOC. 19401/1929 R.

PROVINCE B.C. (1571)

DATE 5 APR. 50 / 1818

DEPTH-DRILLER 440 / 451

DEPTH-LOGGER 451 / 451

LOGGING TIME 3 1/2 HOURS

DRILLED BY H. VALETT

RECORDED BY D. DUNBAR

WITNESSED BY R. HODGSON

BIT 5/8" FROM TO 5/8" FROM

SIZE 5/8" FROM TO 5/8" FROM

DRILL 5/8" SURF TO 5/8" SURF

LOGGING DATA

EQUIPMENT DATA

GAMMA RAY

TOOL MODEL NO. L-103 TOOL MODEL NO. L-103 RESISTANCE DENSITY CALIPER

DIAMETER 2 1/8" DIAMETER 2 1/8" L-103 2 1/8" L-103

DETECTOR MODEL NO. OF-518 TYPE NE F 13"

TYPE 3 LENGTH 1'

GENERAL

TRUCK NO. 2 HOR. SCALE 100 HORIZ. MOV. CS-137

LOCATION QUINSDALE SOURCE MODEL CS-137

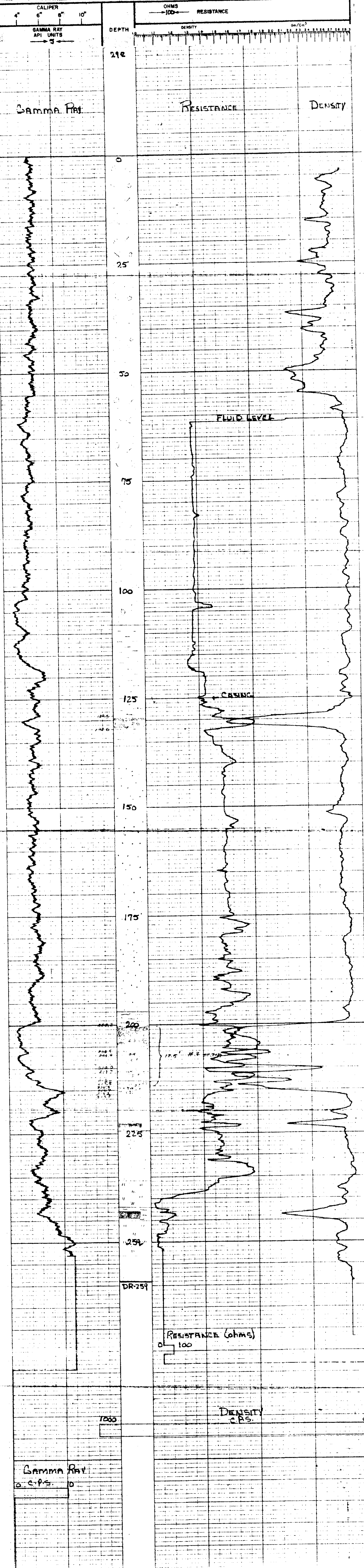
LOGGERS KUBER STRENGTH 125 m.c.

GENERAL

RUN NO. 1 SPEED 12 T.C. SENS. ZERO 5 API UNITS 1 T.C. SENS. ZERO

DEPTHS FROM 0 TO 12 PER DIV. 1 SEC. SETTINGS 1K

REMARKS:



Gamma Ray  
API UNITS

RESISTANCE (ohms)

DENSITY  
G/CM<sup>3</sup>

DR-259



78-293

**LEXCO TESTING LTD. GAMMA-DENSITY - RESISTANCE**

700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA

HOLE 00-78-293 SURVEYED DATA

LOCATION 2400 R. SEC TP. RGE W ELEV. 1025

AREA QUANAM LOC. 1905-944E

PROVINCE B.C. L16 31

RUN No. 1 DATE SEP 19, 1978

DEPTH - DRILLER 310

DEPTH - LOGGER 337

FLUID LEVEL 160' TO 161'

LOGGING TIME 11:00 AM

DRILLED BY H. W. JONES

RECORDED BY R. QUANAM

WITNESSED BY P. QUANAM

BIT BORE-HOLE RECORD CASING RECORD

BIT FROM 10 SIZE 5 1/2" FROM 10' TO 10'

LOGGING TIME 11:00 AM

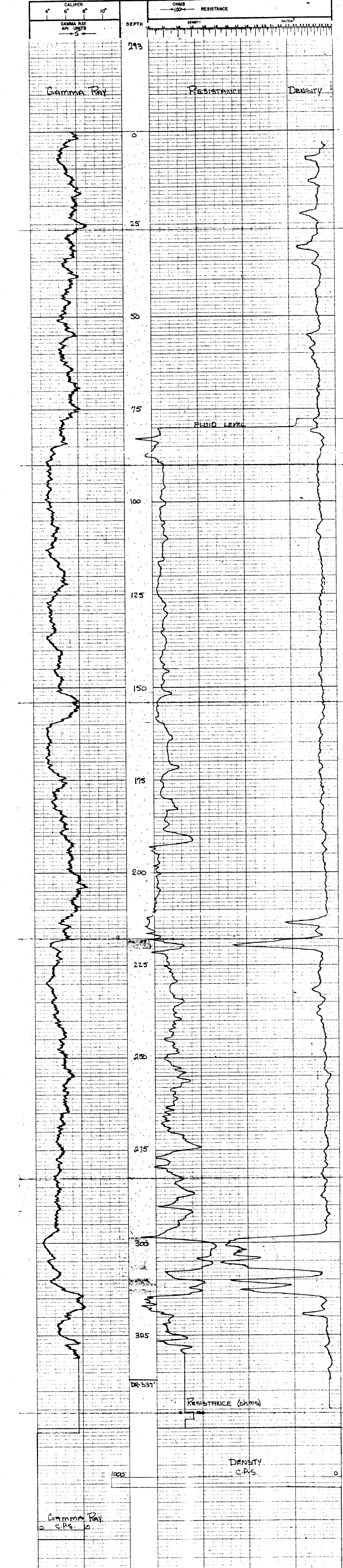
LOGGING TIME 11:00 AM

LOGGING TIME 11:00 AM

LOGGING TIME 11:00 AM

LOGGING TIME 11:00 AM

LOGGING TIME 11:00 AM



CALIPER

GAMMA RAY API UNITS

RESISTANCE OHMS

DENSITY g/cm³

DEPTH

293

0

25

50

75

100

125

150

175

200

225

250

275

300

325

337

DR-337

RESISTANCE (ohms)

DENSITY C.P.S.

1000

GAMMA RAY C.P.S.

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

PC



78-254

**LEXCO TESTING LTD. GAMMA-DENSITY - RESISTANCE**

700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA.

HOLE QU-78-294 SURVEYED DATA

LOCATION 5+00 RL SEC TP RGE W ELEV. 338

AREA QUINSEAM LOC. 342 - 1111 R

PROVINCE BC

RUN No. 2

DATE Sept 19, 1978

DEPTH-DRILLER 244'

DEPTH-LOGGER 240'

FLUID LEVEL 75 h level

LOGGING TIME 1:30

DRILLED BY C. GARDNER

RECORDED BY D. DENNIS

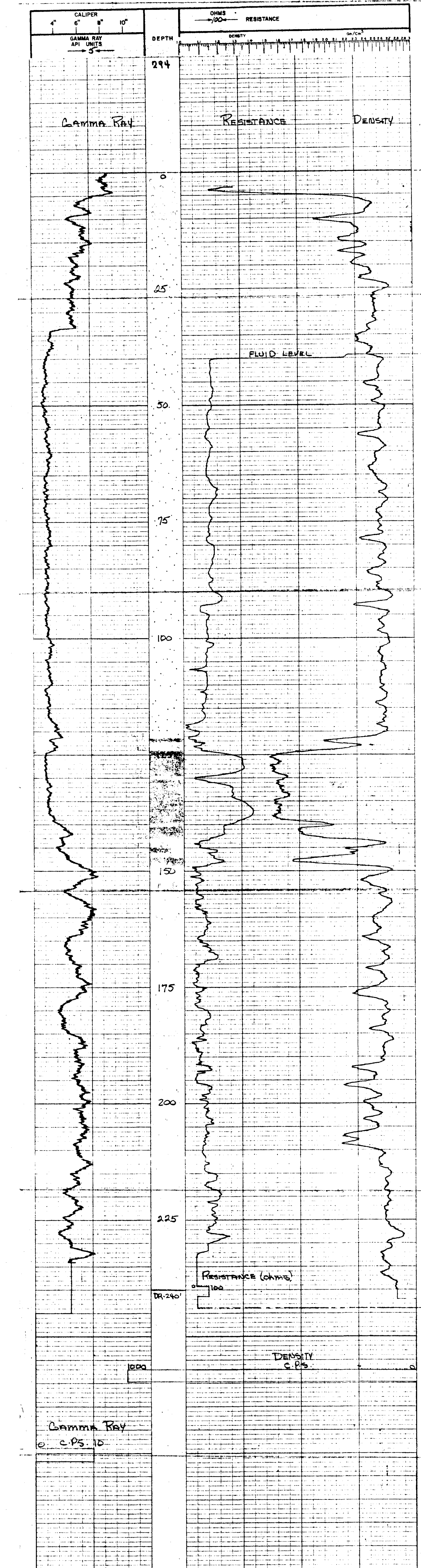
WITNESSED BY D. DENNIS

BIT 5 1/2" SUB CASING RECORD

FROM TD TO SUR

SIZE 7 1/2" FROM SUR TO 121

EQUIPMENT DATA		RESISTANCE		DENSITY		CALIPER	
GAMMA RAY	TOOL MODEL No.	L-103	TOOL MODEL No.	L-103	DENSITY	L-103	CALIPER
	DIAMETER	2 1/8"	DIAMETER	2 1/8"	TYPE	2 1/8"	
	DETECTOR MODEL No.	CP-516	TYPE	MI	SCALING	15"	
	LENGTH	3'	LENGTH	1'			
	GENERAL		HOR SCALE	100 SLIDER	HOVP		
	TRUCK No.	20831	SOURCE MODEL	CS-137	ISOTOPE	125 m.c.	
	LOCATION	QUINSEAM RIVER	ISOTOPE STRENGTH				



Gamma Ray  
0 c.p.s. 10

PC



78-255

**LEXCO TESTING LTD. GAMMA-DENSITY - RESISTANCE**

700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA

HOLE QU-18-245 SURVEYED DATA

LOCATION 1100 R SEC 1P RBE W ELEV 996

AREA Quissem **(L8) 71** LOC. 1913 532 B.

PROVINCE B.C.

RUN No. 2

DATE 5/17/78

DEPTH - ORILLER 332

DEPTH - LOGGER 330

FLUID LEVEL 310

LOGGING TIME 11:00

LOGGED BY H. B. BENT

WITNESSED BY D. D. DAVENPORT

WITNESSED BY K. D. DAVENPORT

TOOL JOGGER NO. 4-303 TOOL JOGGER NO. L-103 RESISTANCE DENSITY CALIPER

DIAMETER 2 1/8 DIAMETER 2 1/8 ME 1 ME 1

TYPE GENERAL TYPE GENERAL LENGTH 1 LENGTH 1

TRUCK No. 2 LOCATION 1100 R SEC 1P RBE W

LOGGING DATA

GENERAL

LOGGING DATA

LOGGING DATA

LOGGING DATA

LOGGING DATA

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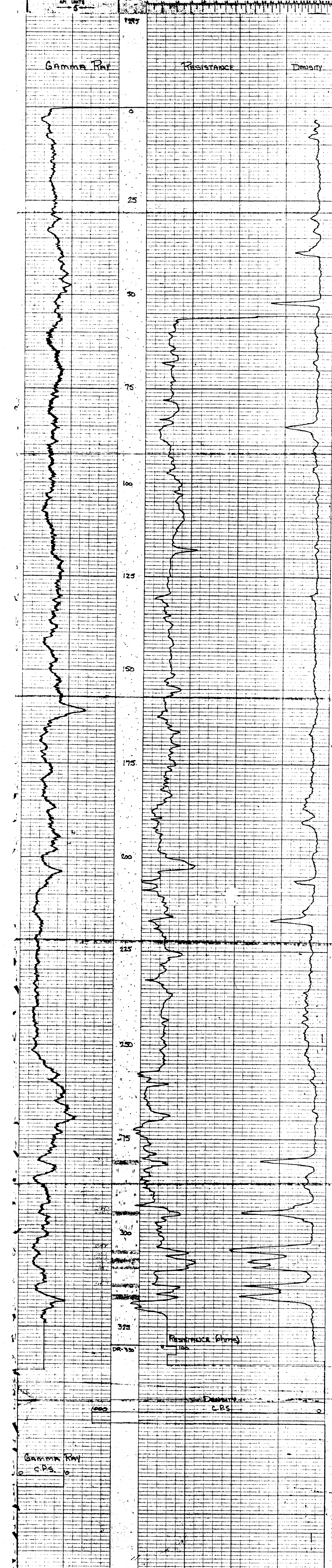
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REMARKS

78-266

**LEXCO TESTING LTD. GAMMA-DENSITY - RESISTANCE**

700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA.

HOLE QU-78-266 SURVEYED DATA

LOCATION 42501 sec TP RGE W ELEV. 1432

AREA QUINSADE LOC. 248 - 4257 - 5

PROVINCE BC (L19) 71

RUN No. \_\_\_\_\_ DATE SEPT 2, 1978

DEPTH - DRILLER 220'

DEPTH - LOGGER 218'

FLUID LEVEL 75 ft - 76 ft

LOGGING TIME \_\_\_\_\_

DRILLED BY H. WINGETT

RECORDED BY P. QUINSADE

WITNESSED BY P. QUINSADE

BIT \_\_\_\_\_ BORE-HOLE RECORD \_\_\_\_\_

SIZE \_\_\_\_\_ CASING RECORD \_\_\_\_\_

TOOL MODEL No. \_\_\_\_\_ RESISTANCE \_\_\_\_\_

DIAMETER \_\_\_\_\_ DENSITY \_\_\_\_\_

DETECTOR MODEL No. \_\_\_\_\_ CALIPER \_\_\_\_\_

TYPE \_\_\_\_\_

SCINT \_\_\_\_\_

LENGTH \_\_\_\_\_

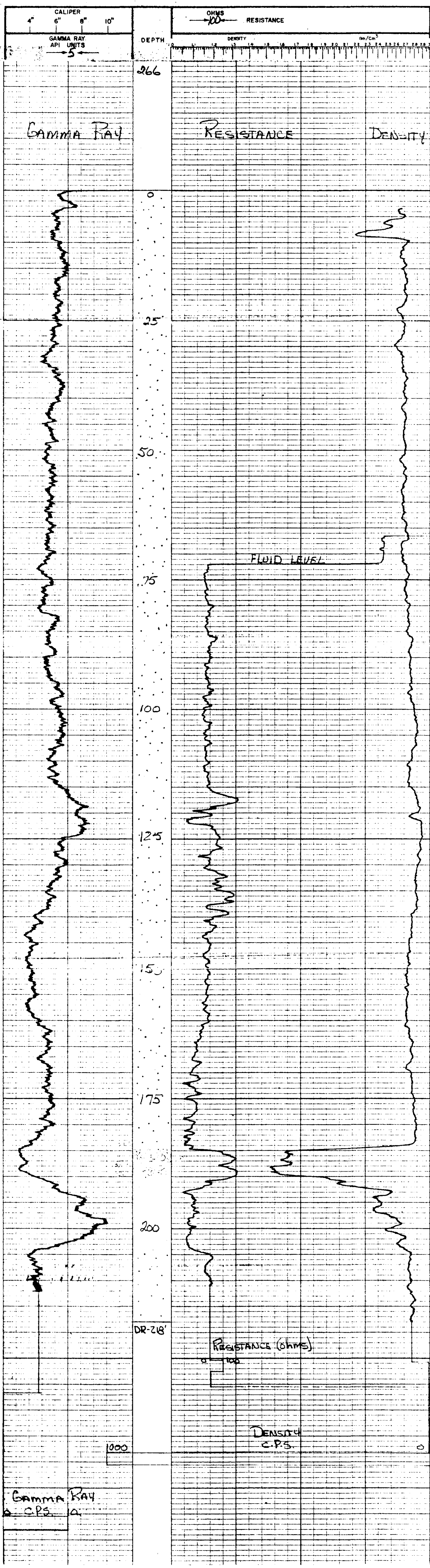
TRUCK No. \_\_\_\_\_

LOCATION CADILLAC RIVER

LOGGING DATA

GENERAL	GAMMA RAY	DENSITY
RUN No. _____	T.C. _____	SEALS _____
DEPTHS FROM TO _____	PER DIV _____	ZERO _____
SPEED F/Min _____	SEC. _____	SETTINGS _____
T.C. _____	SENS. _____	API UNITS _____
DEPTHS TO _____	SEC. _____	PER DIV _____
0 12 4 100		5 1 1K

REMARKS: \_\_\_\_\_



GAMMA RAY  
API UNITS

RESISTANCE (ohms)

DENSITY  
g/cm³

CALIPER 6" 8" 10"  
GAMMA RAY API UNITS 5

DEPTH 266  
0  
25  
50  
75  
100  
125  
150  
175  
200  
225  
DR-266



17  
7-18-268

**LEXCO TESTING LTD. GAMMA-DENSITY - RESISTANCE**

700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA

HOLE QU-18-268 SURVEYED DATA

LOCATION 2459 1/2 SEC 14 TP RGE W ELEV. 1211

AREA QUINSAM LOC. 244 - 555 LT

PROVINCE B.C. 2071

RUN No. 2

DATE SEP 3 1978

DEPTH-DRILLER 254

DEPTH-LOGGER 252

FLUID LEVEL 75

LOGGING TIME 75

PRELIED BY H. J. WALKER

RECORDED BY D. QUINER

WITNESSED BY R. ROSSIGNOL

BIT FROM 5 1/2 TO 9 1/2

SIZE FROM 5 1/2 TO 9 1/2

LOGGING DATA

EQUIPMENT DATA

GAMMA RAY

TOOL MODEL No. L-103 RESISTANCE

DIAMETER 2 1/8" DENSITY

DETECTOR MODEL No. CP-516 CALIBER

TYPE SCINT

LENGTH 3'

GENERAL 2

TRUCK No. CAMPBELL

LOCATION 2459 1/2 SEC 14 TP RGE W

LOGGING DATA

GENERAL

DEPTHS

FROM

TO

SPEED

PER DIV.

T.C. SENS. ZERO

SEC. SETTINGS

APR. UNITS

PER DIV.

T.C. SENS. ZERO

SEC. SETTINGS

APR. UNITS

PER DIV.

T.C. SENS. ZERO

SEC. SETTINGS

APR. UNITS

PER DIV.

T.C. SENS. ZERO

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SEC. SETTINGS

APR. UNITS

PER DIV.





N 4 30' 123 78-270

**LEXCO TESTING LTD. GAMMA-DENSITY - RESISTANCE**

700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA

HOLE DJ-78-270 SURVEYED DATA

LOCATION 6000 1/2 SEC TP RGE W ELEV. 1190

AREA QUINSAM LOC. 2-43-6020LT

PROVINCE B.C. (L22271)

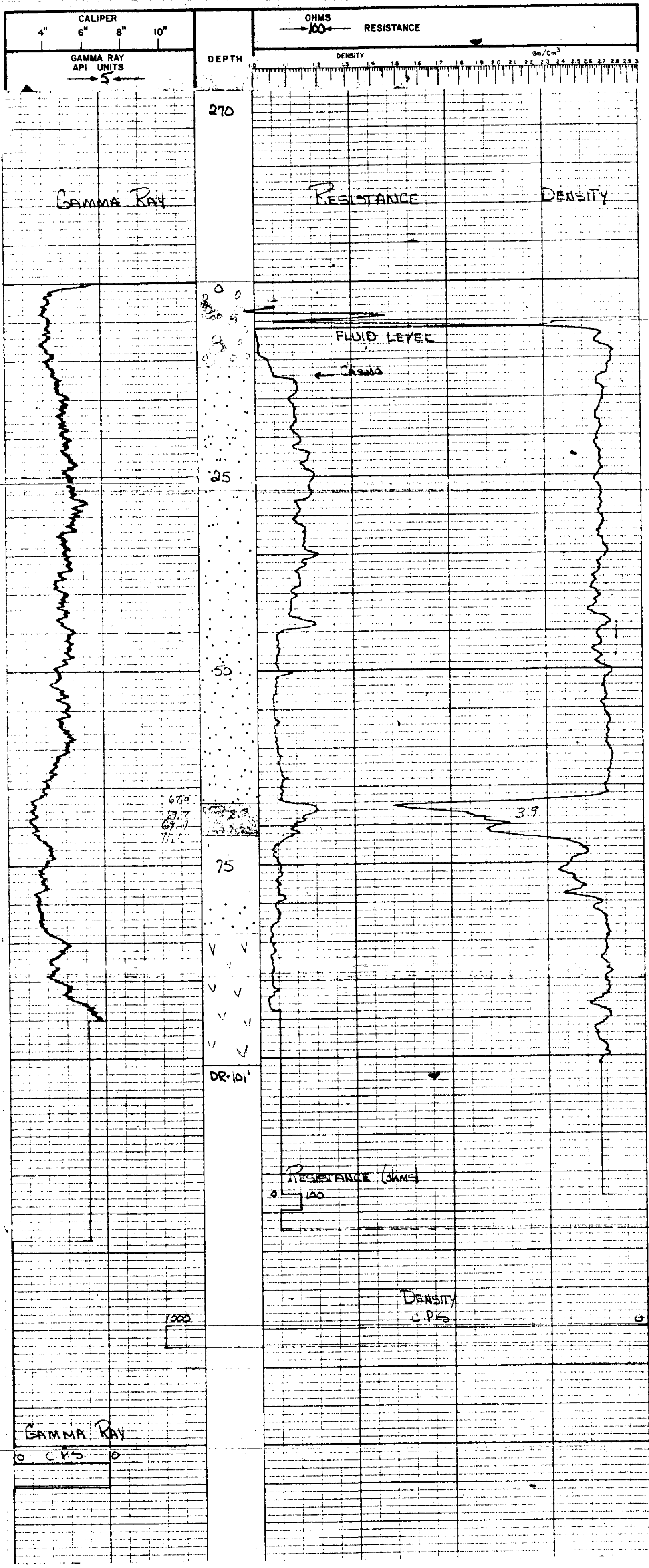
RUN No. 2  
 DATE SEP 2 1978  
 DEPTH-DRILLER LDI  
 DEPTH-LOGGER LDI  
 FLUID LEVEL 5 1/2' TO 6'  
 LOGGING TIME 1 1/2  
 SPALLED BY C. GARDNER  
 RECORDED BY D. DUMBAR  
 WITNESSED BY R. BRIDGMAN

EQUIPMENT DATA  
 BIT 5 3/8" SUPT TO TID SIZE 9" FROM SUPT TO 13'  
 BONE-HOLE RECORD  
 CASING RECORD

GENERAL LOGGING DATA  
 TRUCK No. 2 HOV P  
 LOCATION Amphiball STORE CS-137  
 STRENGTH 125 m.c.

GENERAL				GAMMA RAY				DENSITY			
RUN No.	DEPTHS FROM	TO	SPEED FPM	T.C. SEC	SENS. ZERO	API UNITS PER DIV.	T.C. SEC	SENS. ZERO	API UNITS PER DIV.	T.C. SEC	SENS. ZERO
1	BDI	0	12	4	60	5	1	IK			

REMARKS:  
**PC**





78-271

**LEXCO TESTING LTD. GAMMA-DENSITY - RESISTANCE**

700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA

HOLE QU-78-271 SURVEYED DATA

LOCATION 5850 F SEC TP RGE W ELEV. 1205

AREA QUINSMAN LOC. 746-5874 LT

PROVINCE B.C. (23) 71

DATE SEPT. 4, 1978

DEPTH-DRILLER 140' / 158'

DEPTH-LOGGER 2 1/8" / 2 1/8"

FLUID LEVEL 24.5'

LOGGING TIME 5 hr total

OPERATED BY H. M. & T.

RECORDED BY R. PUNJAB

WITNESSED BY R. PUNJAB

BORE-HOLE RECORD

BIT 4 1/2" SUH FROM T.O. TO T.O.

SIZE 5 1/2" FROM SUH TO 10"

EQUIPMENT DATA

GAMMA RAY TOOL MODEL No. L-103 TOOL MODEL No. L-103 RESISTANCE TOOL MODEL No. L-103 DENSITY TOOL MODEL No. L-103 CALIPER

DIAMETER 2 1/8" DIAMETER 2 1/8" DIAMETER 2 1/8"

DETECTOR MODEL No. CP-816 TYPE ME TYPE F

TYPE SCINT SPACING 13"

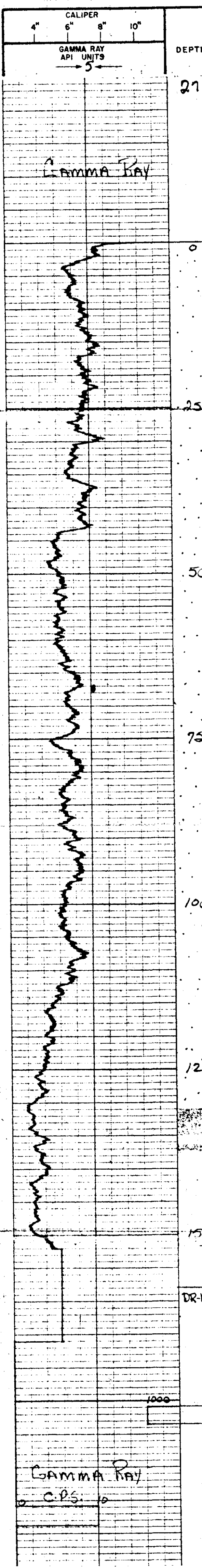
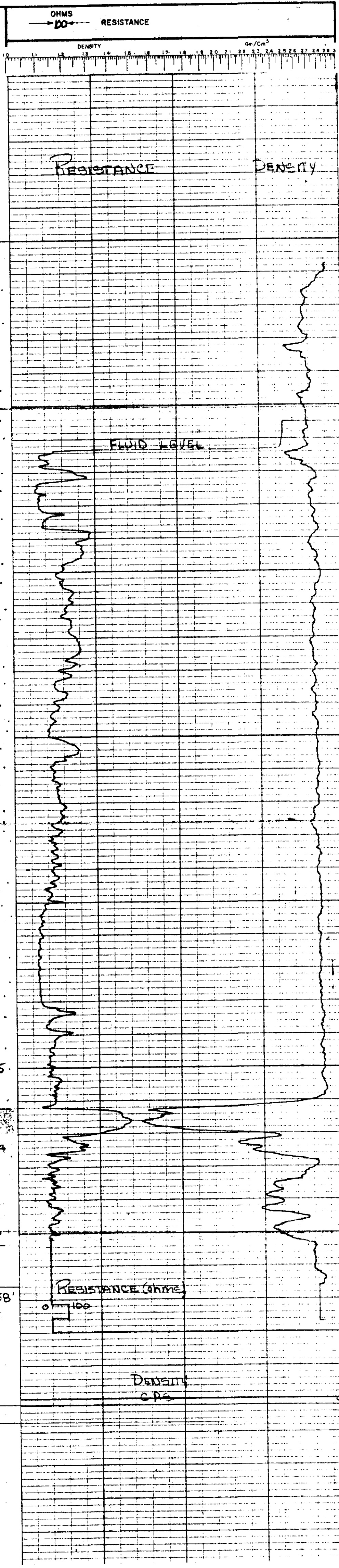
LENGTH 3' LENGTH 1'

TRUCK No. 2 HOR. SCALE 100 CALIB

LOCATION Campbell ISOTOPE CS-137

LOGGING DATA

REMARKS:



PC

78-272

**LEXCO TESTING LTD. GAMMA-DENSITY - RESISTANCE**

700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA.

HOLE QU-78-272 SURVEYED DATA

LOCATION 5500 41<sup>st</sup> SEC TP RGE W ELEV. 196

AREA QUINSAM LOC. 21+52 - 54.74

PROVINCE B.C. (24) 71

RUN No. 2 DATE SEPT 4, 1978

DEPTH-DRILLER 85'

DEPTH-LOGGER 81'

FLUID LEVEL 4.5

LOGGING TIME .5 hr. total

DRILLED BY C. GARDNER

RECORDED BY D. DUNBAR

WITNESSED BY R. KONGSBAAN

BORE-HOLE RECORD

BIT 1 1/2" SURF FROM TO SIZE 7" FROM TO CASING RECORD

EQUIPMENT DATA

GAMMA RAY

TOOL MODEL No. L-103 TOOL MODEL No. L-103 RESISTANCE L-103 DENSITY L-103 CALIPER

DIAMETER 2 1/8" DIAMETER 2 1/8"

DETECTOR MODEL No. CP-516 ME ME

TYPE SCINT SCINT 13"

LENGTH 3" LENGTH 1"

GENERAL

TRUCK No. 2 HOR. SCALE 100% 1/4"

LOCATION CAMPBELL RIVER ISO TOPE CS-137 HOVP CS-137

LOGGING DATA

GENERAL

RUN No. 1 DEPTHS FROM 0 TO 12 SPEED 12 F/Min

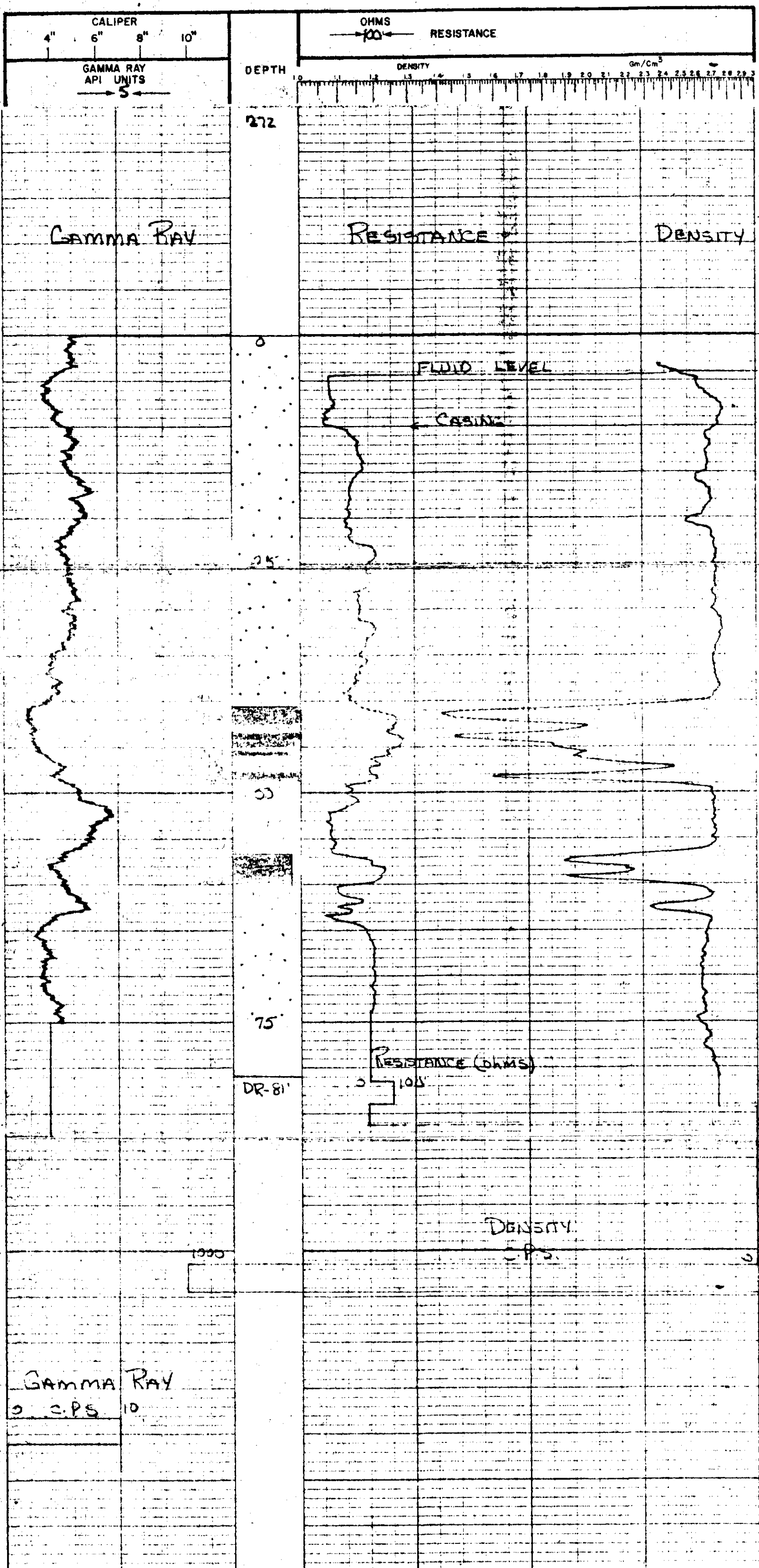
GENERAL

T.C. SEC 4 SENS. ZERO 100 API UNITS PER DIV. 5

DENSITY

T.C. SEC 1 SENS. ZERO 1K

REMARKS



PC

8-235

**LEXCO TESTING LTD. GAMMA-DENSITY - RESISTANCE**

700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA.

HOLE QU-78-235 SURVEYED DATA

LOCATION 42+50 1900 ft SEC TP RGE W ELEV 1073'

AREA QUINSEAD LOC. 42+61 923' 44"

PROVINCE BC

DATE July 28, 1978

DEPTH - DRILLER 100'

FLUID LEVEL 92'

LOGGING TIME 5 hr. 10 min.

DRILLED BY M. WILSON

WITNESSED BY D. DUNBAR

BORE-HOLE RECORD

BIT 7 1/2" Surf TO TD SIZE 5 1/2" Surf TO 20'

EQUIPMENT DATA

TOOL MODEL No. L-103 TOOL MODEL No. L-103 RESISTANCE L-103 DENSITY L-103 CALIPER

DIAMETER 2 1/8" DIAMETER 2 1/8"

DETECTOR MODEL No. CP-516 TYPE MC F

TYPE SCINT STRONGING 13"

LENGTH 3'

TRUCK No. 2 MOB. SCALE 100 ST/DIN HOVP

LOCATION CAMPBELL ISOTOPE CS-137

STRENGTH 125 m.c.

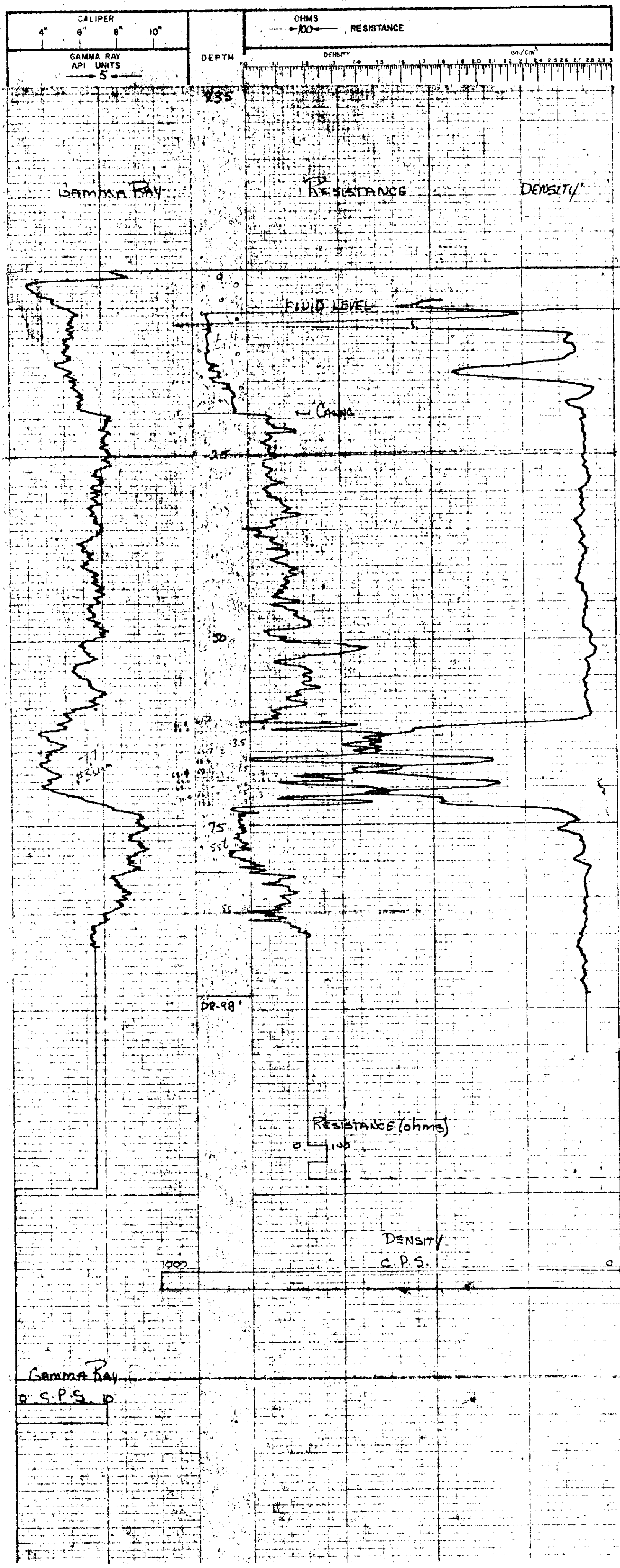
LOGGING DATA

GENERAL

RUN DEPTHS TO SPEED T.C. SENS. Z.I.P.C. API UNITS PER. DV. T.C. SENS. DENSITY ZERO

1 98' 0 12 4 100 5 1 1K

REMARKS:



Gamma Ray  
0 S.P.S. 0



78-273

**LEXCO TESTING LTD. GAMMA-DENSITY - RESISTANCE**

700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA.

HOLE QU-78-273 SURVEYED DATA

LOCATION 12+50 1/2 SEC TP. RGE. W. ELEV. 1196

AREA QUINSMAN LOC. 12+43 - 5822 LI

PROVINCE B.C. 12671

RUN NO. 1 DATE SEP 4, 1978

DEPTH-DRILLER 140' 138'

DEPTH-LOGGER 138'

FLUID LEVEL 57' 10"

LOGGING TIME 57' 10"

DRILLED BY H. WILKINSON

RECORDED BY D. WILKINSON

WITNESSED BY R. BROWN

BY BORE-HOLE RECORD TO SIZE FROM FROM TO TO

BY 57' 10" FROM 57' 10" TO 20'

EQUIPMENT DATA

GAMMA RAY TOOL MODEL NO. L-103 TOOL MODEL NO. L-103 RESISTANCE DENSITY CALIPER

DIAMETER 2 1/8" DIAMETER 2 1/8" ME F

DETECTOR MODEL NO. OF-516 TYPE F ME F

TYPE SCINT SPACING 13"

LENGTH 5' LENGTH 1005 LIT

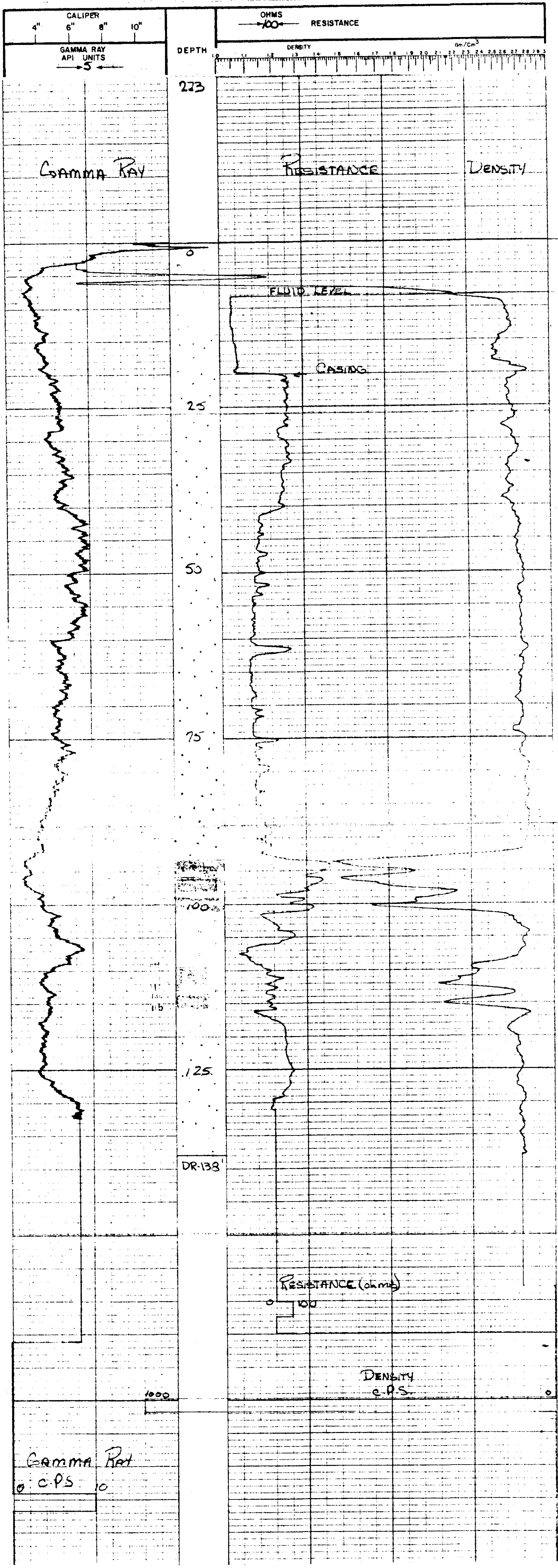
GENERAL TRUCK NO. 2 SOURCE MODEL HOVP

LOCATION CANADIAN ISOTOPE CS-137

LOGGING DATA LOGGING DATE 125 m.c.

GENERAL				GAMMA RAY				DENSITY			
RUN NO.	DEPTHS FROM TO	SPEED FPM	T.C. SEC	SENS. SETTING	ZERO PER DIV.	API UNITS	T.C. SEC	SENS. SETTING	ZERO PER DIV.	API UNITS	ZERO
1	138	0	12	4	100	5	1	100	1	100	10

REMARKS: **DR**



78-274

**LEXCO TESTING LTD. GAMMA-DENSITY - RESISTANCE**

700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA

HOLE DU-18-274 SURVEYED DATA

LOCATION 12+50 4-SEC TP RGE W ELEV. 1203

AREA QUINSM PROV. B.C. (2771) LOC. 12491-4183LT

DATE SEPT 4, 1978

DEPTH - DRILLER 120' 11/8"

DEPTH - LOGGER 118'

LOGGING TIME 5 hr. Total

DRILLED BY H. VICKETT

RECORDED BY R. DUNCAN

WITNESSED BY R. DUNCAN

BIT 4 1/2" SUFT TO T.O. SIZE 5 1/2" SUFT CASING RECORD TO 10'

EQUIPMENT DATA

GAMMA RAY TOOL MODEL No. L-103 TOOL MODEL No. L-103 RESISTANCE DENSITY CALIPER

DIAMETER 2 1/8" DIAMETER 2 1/8" TYPE ME ME F

DETECTOR MODEL No. Op-516 SCINT 13"

TYPE 3" LENGTH 1"

TRUCK No. 2 HOV SCALE 1000 LBS

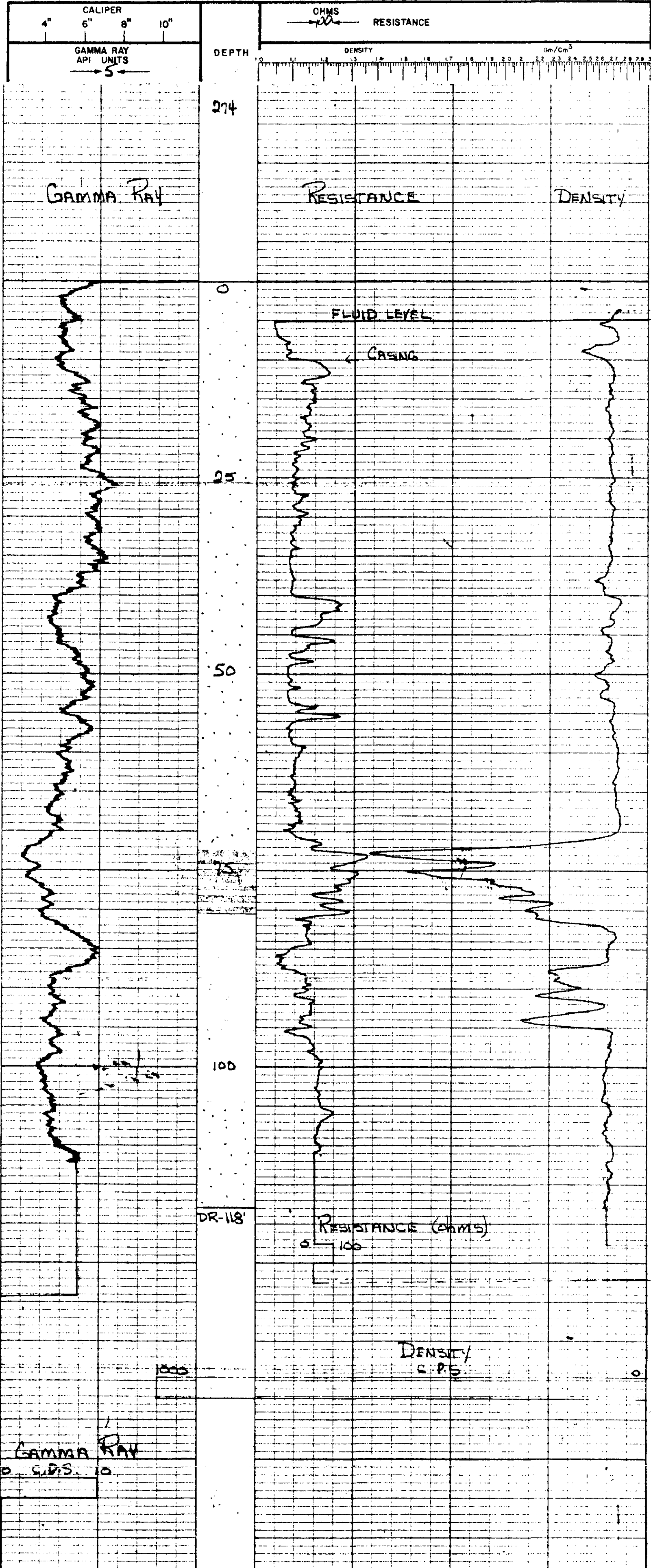
LOCATION CAMPBELL RIVER ISOTOPE CS-137 SOURCE MODEL HOVP

LOGGING DATA

GENERAL				GAMMA RAY				DENSITY				
RUN No	DEPTH FROM	SPEED Fy/min	T C SEC	SENS ZERO	API UNITS PER DIV	T C SEC	SENS ZERO	T C SEC	SENS ZERO	API UNITS PER DIV	T C SEC	SENS ZERO
1	118'	0	12	4	100	5	1	1K				

REMARKS:

PC



78-275

**LEXCO TESTING LTD. GAMMA-DENSITY - RESISTANCE**

700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA.

HOLE QU-78-275 SURVEYED DATA

LOCATION 41+50 1/2 SEC TP RGE W ELEV. 1163

AREA QUINSWAY LOC. 3+5B - 5205LT

PROVINCE B.C. (2871)

RUN No. 2

DATE SEPT 4, 1978

DEPTH - DRILLER 98'

DEPTH - LOGGER 98'

FLUID LEVEL 5 1/2' (5.5)

LOGGING TIME 5 1/2' (5.5)

DRILLED BY C. GARDNER

RECORDED BY D. DUNBAR

WITNESSED BY R. BOWEN

BORE-HOLE RECORD

BIT 6" SURF TO 7" SURF CASING RECORD

EQUIPMENT DATA

GAMMA RAY

TOOL MODEL No. L-103 TOOL MODEL No. L-103 RESISTANCE DENSITY CALIBER

DIAMETER 2 1/8" DIAMETER 2 1/8" ME 2 1/8"

DETECTOR MODEL No. CP-516 TYPE F SCINT 13"

LENGTH 3" LENGTH 1"

GENERAL

TRUCK No. 2 HOR. SCALE 100'

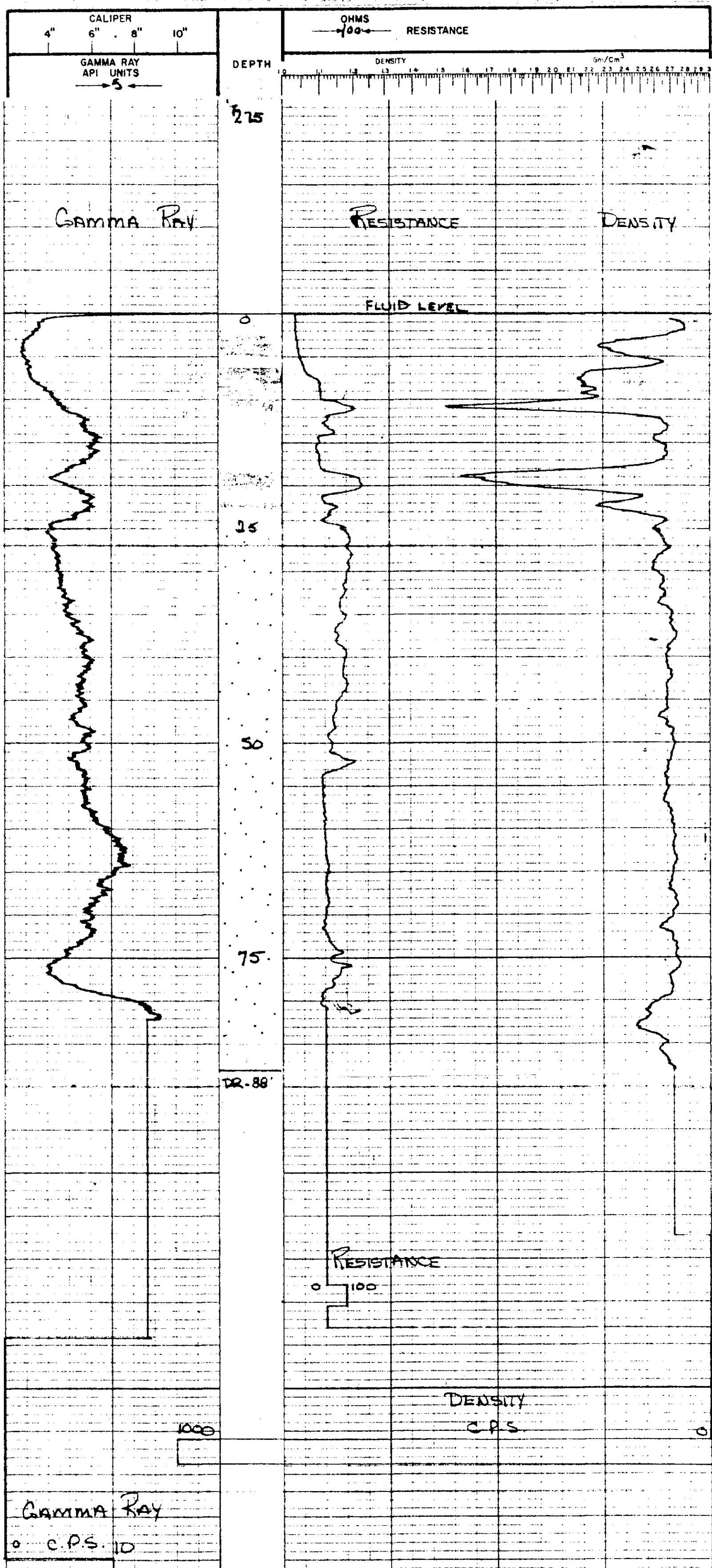
LOCATION Campbell ISOTOPE CS-137

LOGGING DATA

GENERAL		GAMMA RAY		DENSITY				
RUN No.	DEPTHS	SPEED	T.C. SENS. ZERO	API UNITS PER DIV	T.C. SENS. ZERO			
FROM	TO	Ft./min	SEC. SETTINGS		SEC. SETTINGS			
1	88'	0	12	4	100	5	1	15

REMARKS:

PC





78-279

**LEXCO TESTING LTD. GAMMA-DENSITY - RESISTANCE**

700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA.

HOLE QU-78-279 SURVEYED DATA

LOCATION 2159 4250 41 SEC TP RGE W ELEV. 145

AREA QUINSEAM **71** LOC. 2141-4318 BT

PROVINCE BC **29**

DATE SEPT 6 1978

DEPTH-DRILLER 225

DEPTH-LOGGER 220

FLUID LEVEL 75' air level

LOGGING TIME 75' air level

DRILL LED BY C. GARDNER

RECORDED BY P. QUINSEAM

WITNESSED BY P. QUINSEAM

BORE-HOLE RECORD

BIT 5 1/2" T.D. SIZE 7 1/2" S.W.P. CALIPER 10"

EQUIPMENT DATA

GAMMA RAY

TOOL MODEL No. L-103 TOOL MODEL No. L-103 RESISTANCE DENSITY CALIPER

DIAMETER 2 1/8" DIAMETER 2 1/8" L-103 L-103

DETECTOR MODEL No. CP-516 TYPE ME WE 2 1/8"

TYPE SCINT SCINT 13"

LENGTH 3" LENGTH 1"

TRUCK No. 2 HOR. SCALE 100 S.I. DIV HOVP

LOCATION SAMPLE 11 ISOTOPE CS-137 CS-137

STRENGTH 125 m.c.

GENERAL LOGGING DATA

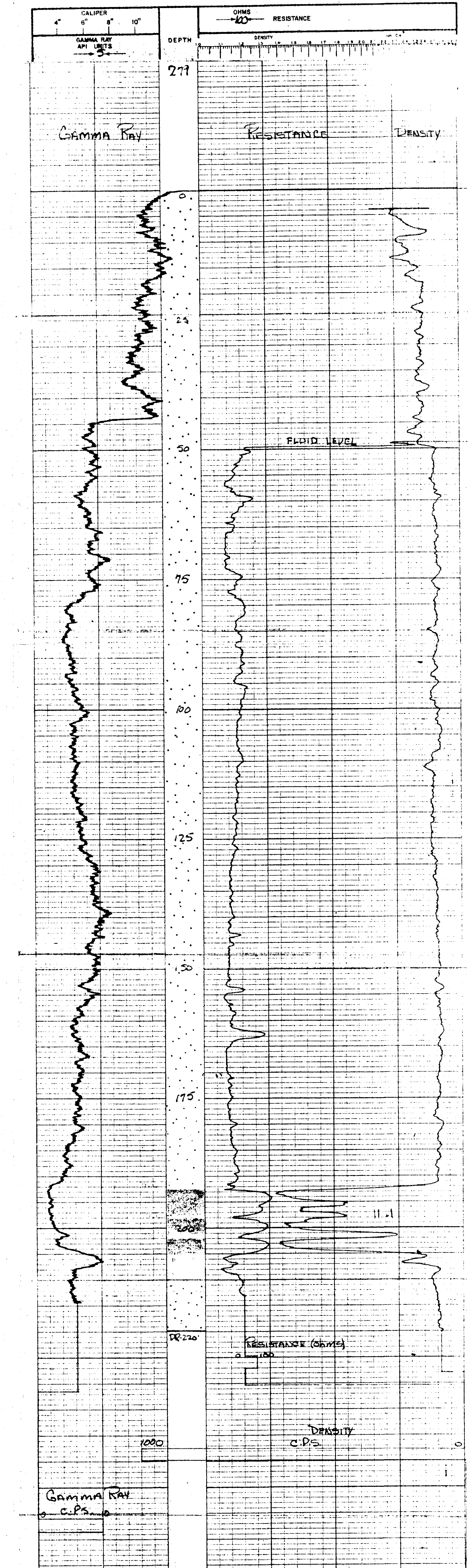
GENERAL

DEPTH FROM TO SPEED T.C. SENS. ZERO API UNITS T.C. SENS. DENSITY ZERO

1 222 0 12 4 100 5 1 1K

REMARKS

**PC**



76-276

**LEXCO TESTING LTD. GAMMA-DENSITY - RESISTANCE**

700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA.

HOLE QU-18-276 SURVEYED DATA

LOCATION R+52 336014 SEC 1P RGE W ELEV. 1132

AREA QUINSAM PROV. BC LOC. 251-336014

PROVINCE BC RUN No. 2

DATE SEP 5 1978

DEPTH-DRILLER 3881

DEPTH-LOGGER 3881

FLUID LEVEL 125 BY 100

LOGGING TIME 125 BY 100

DRILLED BY H. VANKETT

RECORDED BY P. DUMAS

WITNESSED BY P. DUMAS

BIT 5 1/2" FROM SIZE 5 1/2" CASING RECORD TO

BIT 5 1/2" TO SIZE 5 1/2" CASING RECORD TO

BIT 5 1/2" TO SIZE 5 1/2" CASING RECORD TO

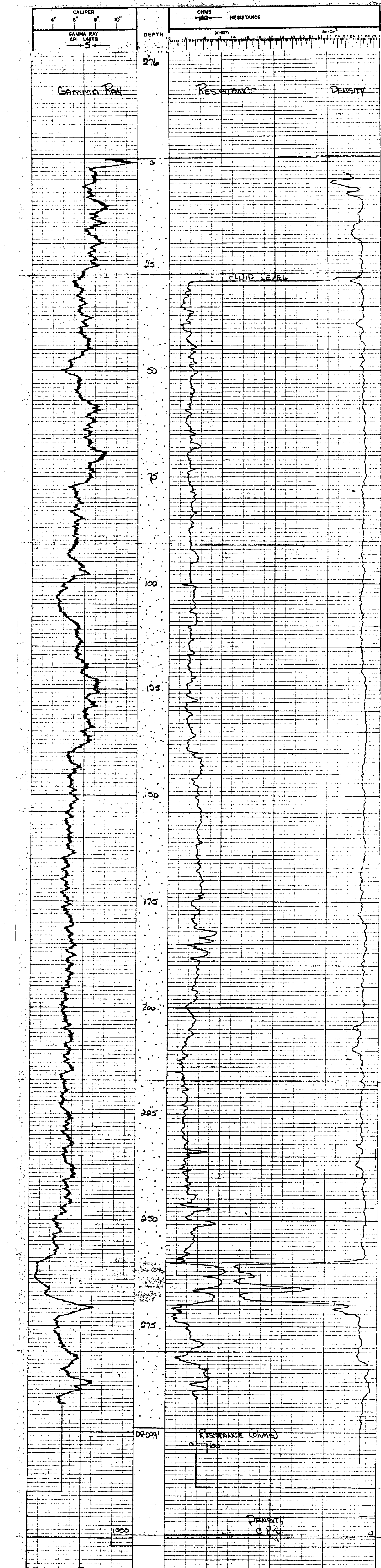
BIT 5 1/2" TO SIZE 5 1/2" CASING RECORD TO

BIT 5 1/2" TO SIZE 5 1/2" CASING RECORD TO

BIT 5 1/2" TO SIZE 5 1/2" CASING RECORD TO

BIT 5 1/2" TO SIZE 5 1/2" CASING RECORD TO

BIT 5 1/2" TO SIZE 5 1/2" CASING RECORD TO



PC

GAMMA RAY 0 C.P.S.

DR-991

RESISTANCE (OHMS)

DENSITY G.P.C.

1000



78-277

**LEXCO TESTING LTD. GAMMA-DENSITY - RESISTANCE**

700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA.

HOLE QU-7B-277 SURVEYED DATA

LOCATION 4500 1/2 SEC TP RGE W ELEV. 1143

AREA QUINSAM LOC. 21441-45176T

PROVINCE BC (L3171)

DATE SEPT 5 1978

DEPTH-DRILLER 205'

DEPTH-LOGGER 205'

FLUID LEVEL 75 m. T.B.H.

LOGGING TIME 1 1/2

LOGGED BY C. J. DUNBAR

RECORDED BY C. J. DUNBAR

WITNESSED BY R. K. FRASER

BORE-HOLE RECORD

CASING RECORD

EQUIPMENT DATA

GAMMA RAY TOOK MODEL NO. L-103 RESISTANCE TOOK MODEL NO. L-103 DENSITY TOOK MODEL NO. L-103 CALIBER

DIAMETER 2 1/8" DIAMETER 2 1/8" DIAMETER 2 1/8"

DETECTOR MODEL NO. CP-515 TYPE F ME F

TYPE SCINT SPRINGS 18"

LENGTH 3 LENGTH 1"

TRUCK NO. 2 HOR. SCALE 100:1 HOV CS-137

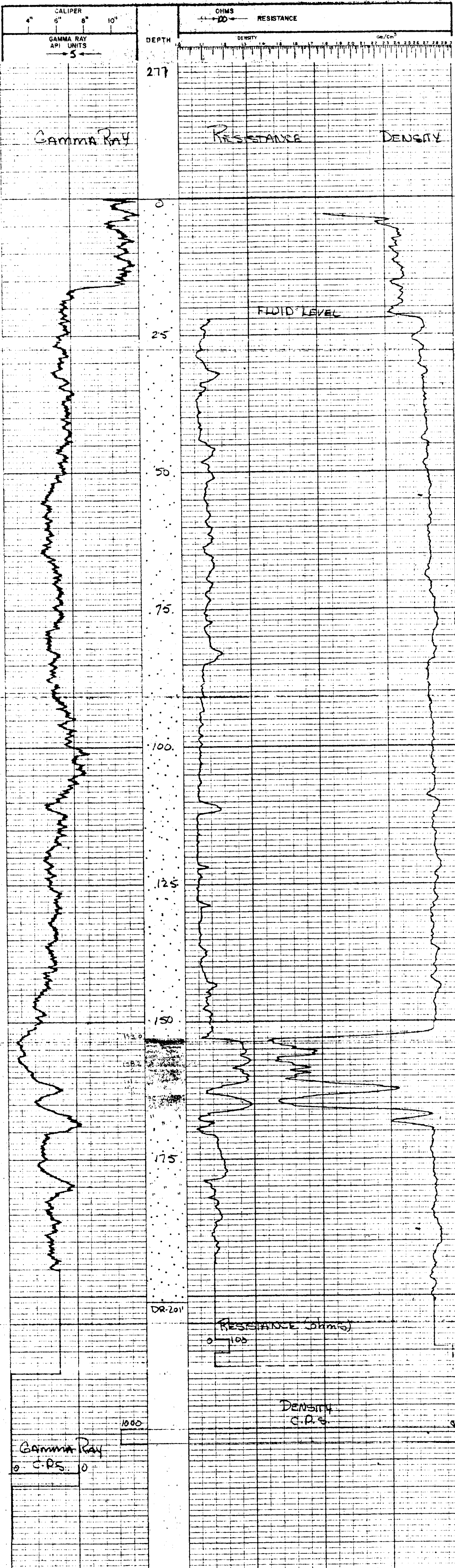
LOCATION General SOURCE MODEL CS-137 ISOTOPE 125 m.c.

GENERAL LOGGING DATA

GENERAL		GAMMA RAY		DENSITY					
DEPTH	SPEED	T.C.	SENS.	ZERO	API UNITS				
FROM	TO	F/MIN	SEC	PER DIV.	SEC				
1	201'	0	12	4	100	5	1	K	

REMARKS:

PC





78-278

**LEXCO TESTING LTD. GAMMA-DENSITY - RESISTANCE**

700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA

HOLE QU-78-278 SURVEYED DATA

LOCATION 1250 4<sup>th</sup> SEC TP RGE W ELEV. 1099

AREA QUINSAM LOC. 12-41-2910 LT

PROVINCE BC (L3371)

RUN NO. 2

DATE Sept 6 1978

DEPTH-DRILLER 110'

DEPTH-LOGGER 110'

FLUID LEVEL 11'

LOGGING TIME 1 1/2 hr

DRILLED BY H. JACETT

RECORDED BY P. QUINSAM

WITNESSED BY R. SCROGDA

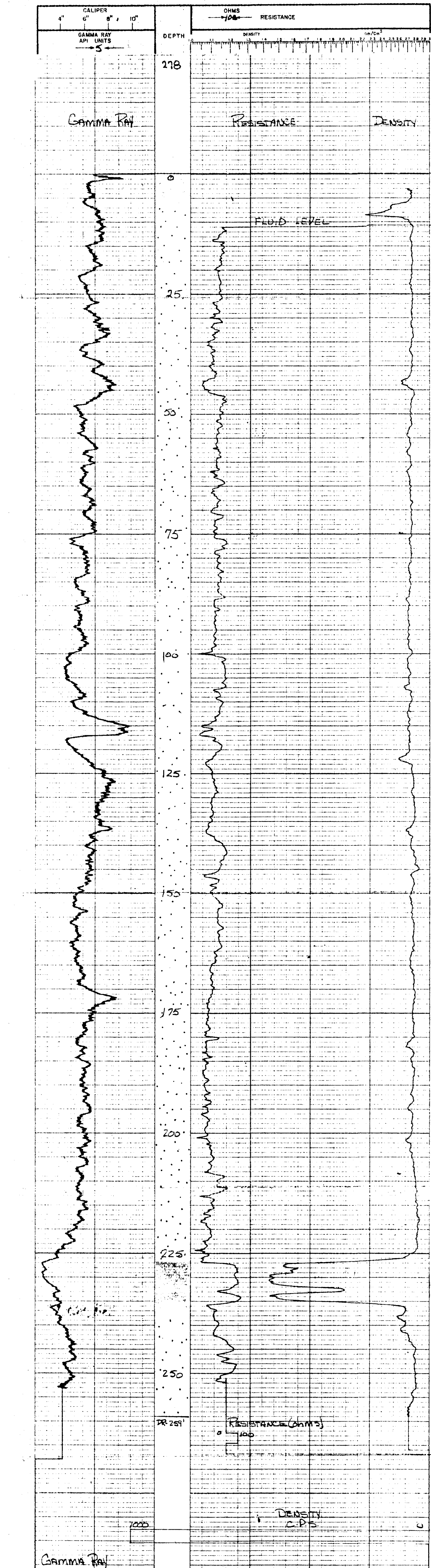
BORE-HOLE RECORD

BIT 4 1/2" SHT EQUIPMENT DATA

GAMMA RAY SHT RESISTANCE SHT DENSITY SHT CALIBER 10"

GENERAL		GAMMA RAY		RESISTANCE		DENSITY	
TOOL MODEL No.	L-103	TOOL MODEL No.	L-103	TOOL MODEL No.	L-103	TOOL MODEL No.	L-103
DIAMETER	2 1/8"	DIAMETER	2 1/8"	DIAMETER	2 1/8"	DIAMETER	2 1/8"
DETECTOR MODEL No.	GP-516	TYPE	ME	TYPE	F	TYPE	F
TYPE	SCINT	SPACING	13"	SPACING	13"	SPACING	13"
LENGTH	3'	LENGTH	1'	LENGTH	1'	LENGTH	1'
TRUCK No. <u>2</u>		SOURCE MODEL <u>102 R/L</u>		ISOTOPE <u>CS-137</u>		HOPE <u>129 mg</u>	
LOCATION <u>QUINSAM</u>		ISOTOPE STRENGTH		ISOTOPE STRENGTH		ISOTOPE STRENGTH	
GENERAL		GAMMA RAY		RESISTANCE		DENSITY	
PIV No.	1	SPEED F/m	12	API UNITS PER DIV.	5	T.C. SEC. SETTINGS	18
DEPTHS FROM	0	T.C. SEC. SETTINGS	12	API UNITS PER DIV.	5	T.C. SEC. SETTINGS	18
DEPTHS TO	12	T.C. SEC. SETTINGS	12	API UNITS PER DIV.	5	T.C. SEC. SETTINGS	18

PC



GAMMA RAY  
0 CPS. 10

**LEXCO TESTING LTD. GAMMA-DENSITY - RESISTANCE**

700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA

HOLE QU-78-280 SURVEYED DATA

LOCATION 3300 14 SEC 7P RGE W ELEV. 1177

AREA QUINSMAN LOC. \_\_\_\_\_

PROVINCE B.C. L3371 -224 - 34566T

DATE 5/27/78

DEPTH-DRILLER 285

DEPTH-LOGGER 271

FLUID LEVEL \_\_\_\_\_

LOGGING TIME 1.5 hr total

DRILLED BY H. W. S. T.

RECORDED BY R. DUNBAR

WITNESSED BY R. S. S. S.

BIT 5 1/2" SUPR T.D. 54' SUFF. 10'

BORE-HOLE RECORD \_\_\_\_\_

CASING RECORD \_\_\_\_\_

EQUIPMENT DATA

GAMMA RAY

TOOL MODEL No. L-103 TOOL MODEL No. L-103 RESISTANCE DENSITY CALIPER

DIAMETER 2 1/8" DIAMETER 2 1/8" TYPE F F 15"

DETECTOR MODEL No. CP-516 ME 15"

TYPE SCINT SCINT 15"

LENGTH 3' LENGTH \_\_\_\_\_

GENERAL

TRUCK No. 2 HOR. SCALE 100 HUMP \_\_\_\_\_

LOCATION Canoe Hill SOURCE MODEL \_\_\_\_\_ CS-37 \_\_\_\_\_

ISOTOPE \_\_\_\_\_ STRENGTH 125 m.c.

LOGGING DATA

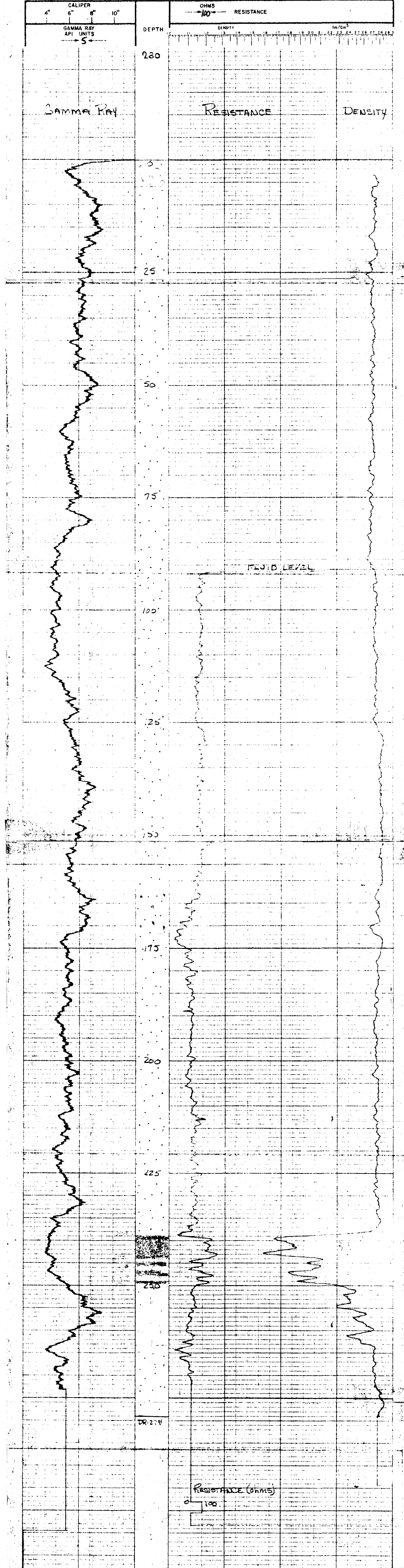
GENERAL

DEPTH FROM TO SPEED T.C. SENS. ZERO API UNITS T.C. SENS. ZERO

1 210 0 12 4 100 5 1 1K

REMARKS: Hole was blind.

PC





78-313

**LEXCO TESTING LTD. GAMMA-DENSITY - RESISTANCE**

700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA.

HOLE DU-78-513 SURVEYED DATA

LOCATION 35+08 R- SEC TP RGE W ELEV. \_\_\_\_\_

AREA QUINSAM LOC. 35-50 - 2915 R-

PROVINCE B.C. (L1) 71 91B

DATE OCT 15, 1978

DEPTH - DRILLER 187'

DEPTH - LOGGER 178'

FLUID LEVEL 5 hc table

LOGGING TIME 8:15 AM

DRILLED BY D. DAVENPORT

RECORDED BY D. DAVENPORT

WITNESSED BY D. DAVENPORT

BIT 4 1/2" SURF BORE-HOLE RECORD

SIZE 5 1/2" SURF CASING RECORD

TO 52'

EQUIPMENT DATA

GAMMA RAY TOOL MODEL No. L-103 RESISTANCE TOOL MODEL No. L-103 DENSITY TOOL MODEL No. L-103 CALIPER

DIAMETER 2 1/8" DIAMETER 2 1/8"

DETECTOR MODEL No. CP-516 TYPE ME 2 1/8"

SCINT 3" SCINT 15"

LENGTH 3" LENGTH 15"

GENERAL TRUCK No. 2 HOV SCALE 100 R/L/DIV

LOCATION CAMPBELL ISOTOPE SOURCE MODEL CS-137 HOVP

KIVER STRENGTH 125 m.c.

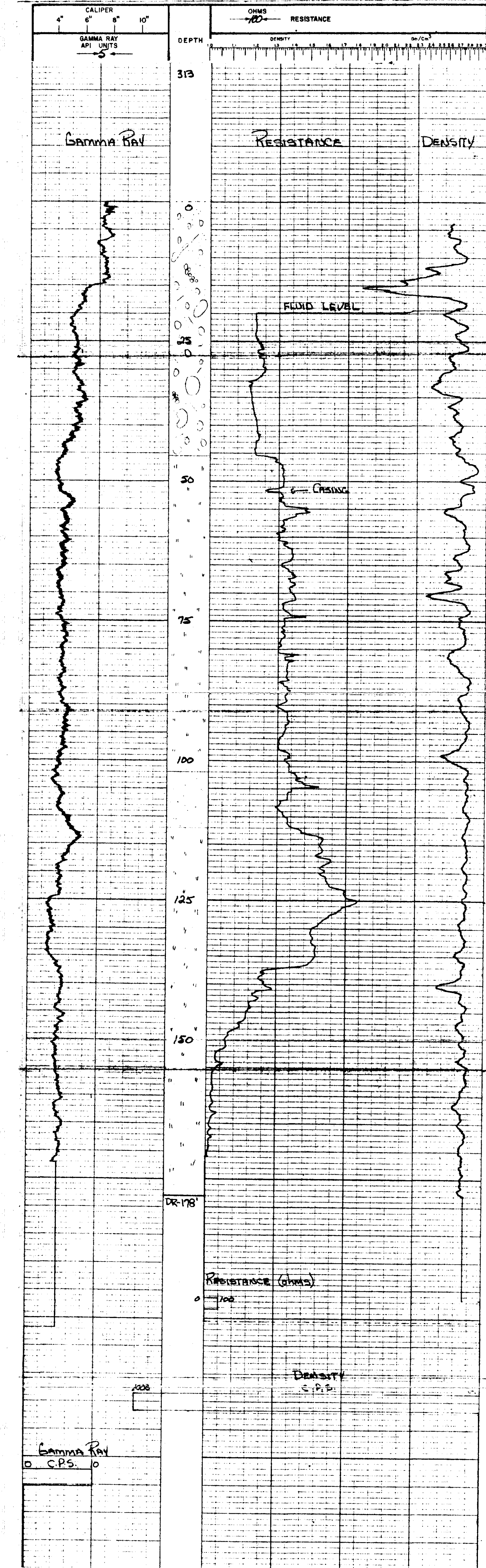
LOGGING DATA

GENERAL RUN DEPTHS SPEED T.C. SENS. ZERO API UNITS PER DIV T.C. SENS. ZERO

NO. FROM TO FV/min SEC SETTINGS SEC SETTINGS

1 178' 0 12 4 100 5 1 12

REMARKS: PC





78-314

**LEXCO TESTING LTD. GAMMA-DENSITY - RESISTANCE**

700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA.

HOLE **QU-78-314** SURVEYED DATA

LOCATION **3570 R SEC TP RGE W** ELEV. **1020**

AREA **QUINSAM** LOC. **46460-4432 BC**

PROVINCE **B.C.**

DATE **OCT 15 1978**

DEPTH - DRILLER **180'**

DEPTH - LOGGER **177'**

FLUID LEVEL **157' (161)**

LOGGING TIME **157'**

DRILLED BY **P. DUNBAR**

RECORDED BY **P. DUNBAR**

WITNESSED BY **P. DUNBAR**

BORE-HOLE RECORD

BIT **5 1/2" SUB** TO **T.D.** SIZE **4 1/2"** FROM **SUB** TO **17'**

EQUIPMENT DATA

GAMMA RAY TOOL MODEL NO. **L-103** RESISTANCE TOOL MODEL NO. **L-103** DENSITY TOOL MODEL NO. **L-103** CALIPER

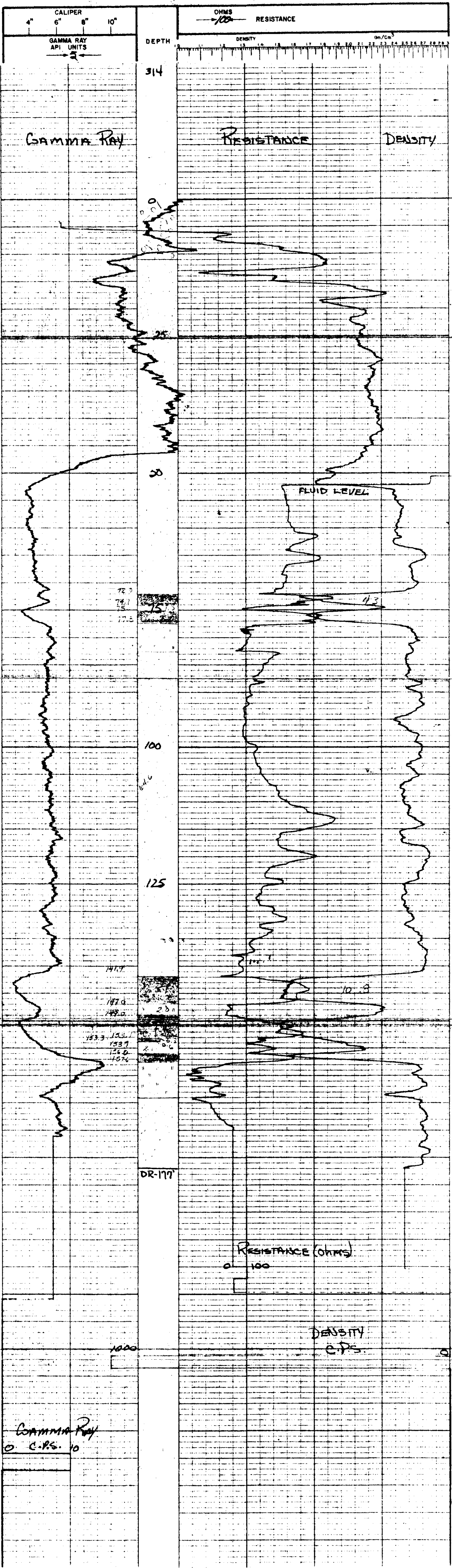
DIAMETER **2 1/8"** DETECTOR MODEL NO. **CP-516** TYPE **ME** ME **F**

TYPE **SCINT** SCINT **3"** SPACING **13"** LENGTH **13"**

GENERAL TRUCK No. **2** HOR. SCALE **100' 240"** SOURCE MODEL **CS-137** ISOTOPE **125 m.c.** LOCATION **CAMPBELL RIVER** STRENGTH

GENERAL		GAMMA RAY		GAMMA RAY		DENSITY	
DEPTH	SPEED	T.C.	SENS.	ZEIRO	API UNITS	T.C.	SENS.
FROM	TO	F/Min	SEC	PER DIV	SEC	SEC	SETTINGS
1	177'	0	12	4	100	5	1
							JK

REMARKS



PC

78-315

# LEXCO TESTING LTD. GAMMA-DENSITY - RESISTANCE

700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA.

HOLE QJ-78-315 SURVEYED DATA

LOCATION 3500 Ft SEC TP RGE W ELEV. 981

AREA QUINSMAN LOC. 3513-2220B

PROVINCE B.C. (371)

DATE Oct 16, 1978

DEPTH-DRILLER 481

DEPTH-LOGGER 481

FLUID LEVEL 75' TRIBEL

LOGGING TIME 11:20

DRILLED BY H. JACENT

RECORDED BY D. QUINSMAN

WITNESSED BY R. KAMOGHAN

BORE-HOLE RECORD

BIT 1 1/2" SURF

EQUIPMENT DATA

GAMMA RAY

TOOL MODEL No. L-103 TOOL MODEL No. L-103 RESISTANCE DENSITY CALIPER

DIAMETER 2 1/8" DIAMETER 2 1/8" DIAMETER 2 1/8"

DETECTOR MODEL No. CP-516 ME F ME F

TYPE SCINT SCINT 13"

GENERAL				GAMMA RAY				DENSITY			
TRUCK No.	DEPTHS	SPEED	T.C.	SENS	ZERO	API	UNITS	T.C.	SENS	ZERO	SEUS
LOCATION	FROM	TO	F/Min	SEC	SETTINGS	PER	DN	SEC	SETTINGS		ZERO
<u>Cambridge River</u>	<u>0</u>	<u>12</u>	<u>4</u>	<u>100</u>	<u>5</u>	<u>1</u>	<u>1K</u>				

LOGGING DATA

ISOLOPE CS-37

HOVP CS-37

STRENGTH 125 m.c.

MARKS

RESISTANCE

DENSITY

DEPTH

OHMS

RESISTANCE

DENSITY

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78-316

**LEXCO TESTING LTD. GAMMA-DENSITY - RESISTANCE**

700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA.

HOLE QU-78-316 SURVEYED DATA

LOCATION 40+00 R-SEC TP RGE W ELEV. 914

AREA QUINSAM PROV. B.C. LOC. 29154 - 2524 E3

DATE OCT 11, 1978

DEPTH - DRILLER 150'

DEPTH - LOGGER 150'

LOGGING TIME 5 1/2 HRS

DRILLED BY H. WILSON

RECORDED BY D. DUNBAR

WITNESSED BY R. KENNEDY

LOGGING RECORD

EQUIPMENT DATA

TOOL MODEL NO. L-205 TOOL MODEL NO. L-105 RESISTANCE DENSITY CALIPER

DIAMETER 2 1/8" DIAMETER 2 1/8"

DETECTOR MODEL NO. CP-516 TYPE ME

TRUCK NO. 2 SOURCE MODEL DOORLEY

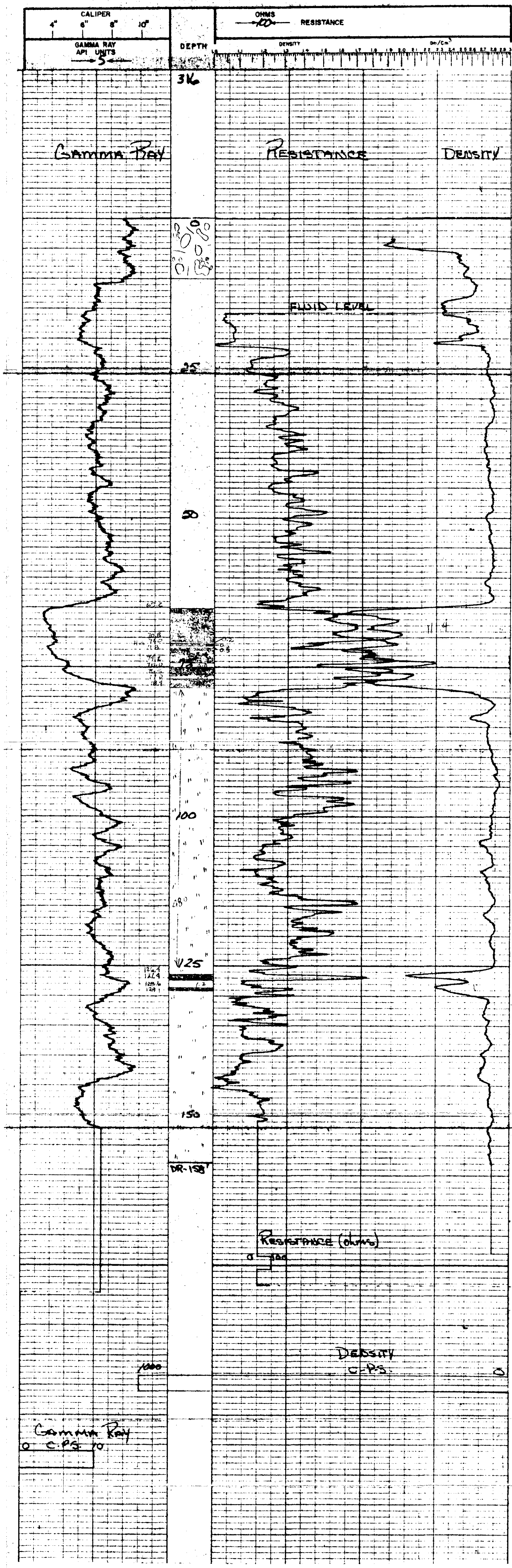
LOCATION CAMPBELL HOIST CS-137

GENERAL LOGGING DATA

GENERAL LOGGING DATA

RUN NO.	FROM	TO	SPEED	T.C. SEC	SENS. PER DN	ZERO	AP. UNITS	T.C. SEC	SENS. PER DN	ZERO
1	150'	0	1/2	4	120	5	1	1	1	1

REMARKS:



PC



**LEXCO TESTING LTD. GAMMA-DENSITY - RESISTANCE**  
 700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA

HOLE Q1-7B-317 SURVEYED DATA  
 LOCATION 47728 R SEC. 1P RGE. W ELEV. 177  
 AREA Quinn's LOC. 41143-47242  
 PROVINCE B.C.

DATE Oct 17, 1978  
 DEPTH-DRILLER 214'  
 DEPTH-LOGGER 438'  
 FLUID LEVEL 75 h.c. 365'  
 LOGGING TIME  
 DRILLED BY H. WACHT  
 RECORDED BY D. DANIEL  
 WITNESSED BY P. LANGRISH

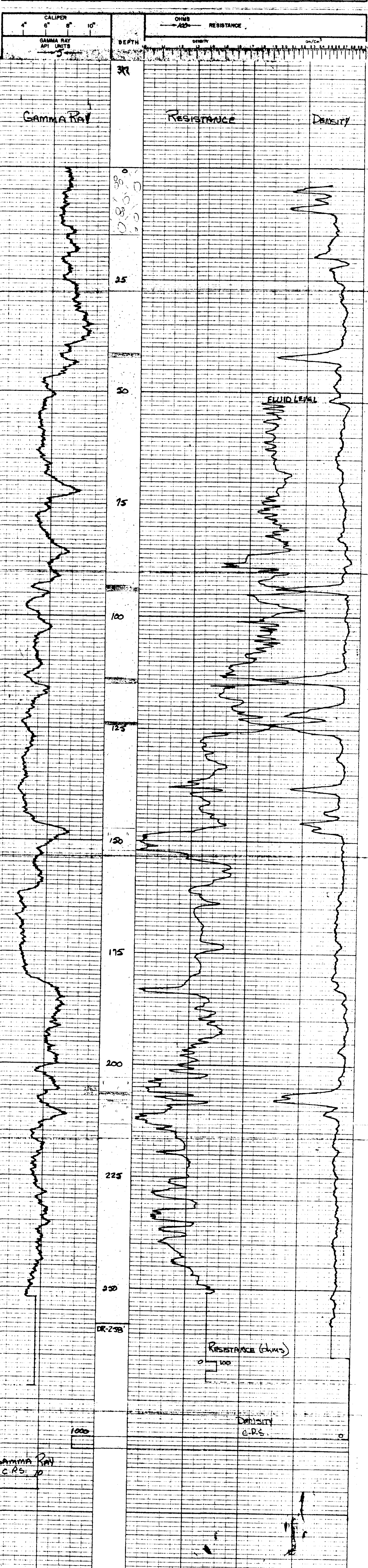
BIT 5 1/2" FROM SIZE 5 1/2" CASING RECORD TO 10'  
 BIT 4 1/2" FROM SIZE 5 1/2" CASING RECORD TO 20'

EQUIPMENT DATA  
 GAMMA RAY 1-83 TOOL MODEL NO. 1-103 RESISTANCE DENSITY CALIBER  
 DIAMETER 2 1/8" DIAMETER 2 1/8" DIAMETER 2 1/8"  
 DISTECTOR MODEL NO. CP-316 TYPE F  
 TYPE SCINT SPCING 15"  
 LENGTH 3" HOV SCALE 1"

GENERAL  
 TRUCK No. 2 SOURCE MODEL 1000 HOVPS  
 LOCATION 47728 R ISOTOPE CS-137 STRENGTH 123 m.c.

LOGGING DATA  
 GENERAL  
 RUN DEPTHS TO 12 SPEED 4 T.C. SENS. ZERO 5 API UNITS PER DIV. 1  
 FROM 0 TO 12 SEC. SETTING 100 T.C. SENS. ZERO 1

REMARKS  
PC



Gamma Ray  
 C.R.S. 10

78-318

**LEXCO TESTING LTD. GAMMA-DENSITY - RESISTANCE**

700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA.

HOLE QU-78-318 SURVEYED DATA

LOCATION 95+00 Rt SEC TP RGE W ELEV. \_\_\_\_\_

AREA QUINSMAN LOC. 5. km. S. of ...

PROVINCE B.C. (L6) 71

DATE OCT-17, 1958

DEPTH-DRILLER 140'

DEPTH-LOGGER 158'

FLUID LEVEL FULL

LOGGING TIME 5:45

DRILLED BY T. BLY

RECORDED BY D. QUINSMAN

WITNESSED BY S. Thompson

BORE-HOLE RECORD

BIT FROM TO SIZE FROM TO

3 1/2" SURF TO 6 1/2" SURF TO 1 1/2"

EQUIPMENT DATA

GAMMA RAY L-103 TOOL MODEL NO. L-103 RESISTANCE L-103 DENSITY L-103 CALIPER

DIAMETER 2 1/8" SHAMETER 2 1/8" TYPE ME

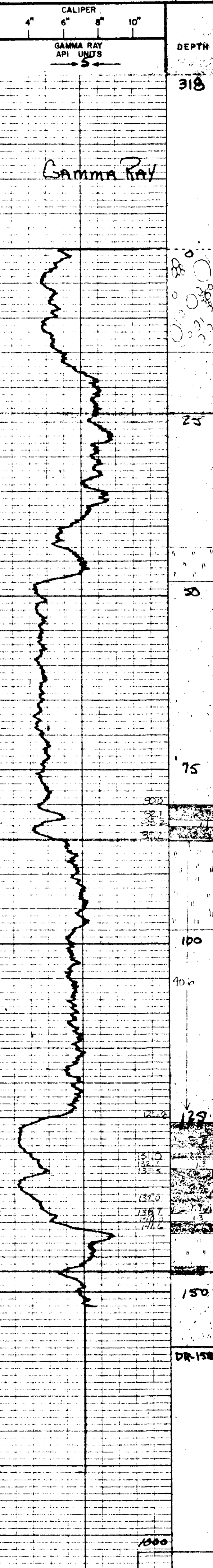
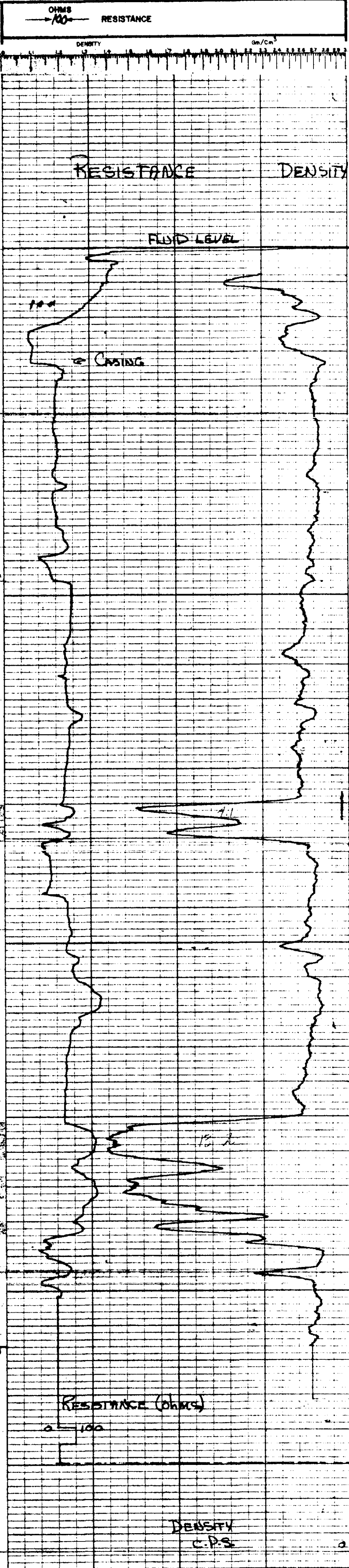
DETECTOR MODEL No. CS-516 SCINT SPACING 15"

LENGTH 3' HOR SCALE 100' SOURCE MODEL HOVP

TRUCK No. 2 LOCATION Capreol River STRENGTH 125 m.c.

GENERAL				GAMMA RAY				DENSITY			
RUN No	DEPTHS FROM	SPEED TO	T.C. SEC.	SENS. PER DN.	ZERO	API UNITS	T.C. SEC.	SENS. PER DN.	ZERO		
1	758'	0	12	4	100	5	1	1K	ZERO		

20



Gamma Ray  
C.P.S.



**LEXCO TESTING LTD. GAMMA-DENSITY - RESISTANCE**

700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA.

HOLE QA-78-319 SURVEYED DATA

LOCATION 4132 R SEC TP RGE W ELEV. 973

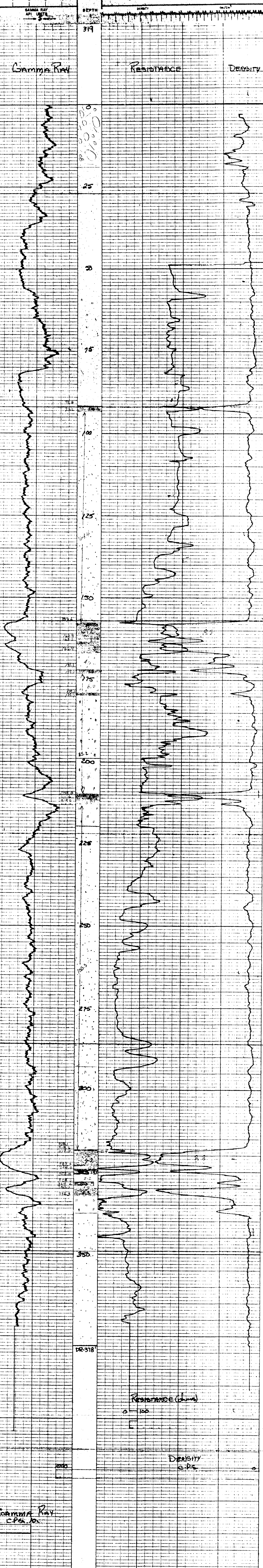
AREA QUANAM LOC 594M-42102T

PROVINCE B.C.L.T.

DATE Oct 18 1978  
 DEPTH - MILLER 578  
 DEPTH - LOGGER 578  
 FLUID LEVEL 578  
 LOGGING TIME 1:15  
 DELETED BY H. J. WILKINSON  
 RECORDED BY R. DUNBAR  
 WITNESSED BY R. DUNBAR

BORE-HOLE RECORD  
 BIT 7 7/8 FROM TO SIZE 5 7/8 FROM TO  
 EQUIPMENT DATA  
 GAMMA RAY 1-05 RESISTANCE 57 DENSITY 30

TOOL LOG NO.	1-05	TOOL WORKER NO.	1-105	LOG NO.	1-105
DIAMETER	2 1/8	DIAMETER	2 1/8	DIAMETER	2 1/8
DETECTOR MODEL NO.	02-518	TYPE	2	TYPE	2
TYPE	SKIN	SKIN	SKIN	SKIN	SKIN
LENGTH	3	LENGTH	3	LENGTH	3
GENERAL	NON SCALE	NON SCALE	NON SCALE	NON SCALE	NON SCALE
TRUCK No.	<u>Compall</u>	SOURCE MODEL	<u>578</u>	GE-117	578
LOCATION	<u>4132 R</u>	STATION	<u>578</u>	STATION	<u>578</u>
LOGGING DATA		LOGGING DATA		LOGGING DATA	
GENERAL		GENERAL		GENERAL	
RUN	578	SPEED	12	SENS. ZERO	1
DEPT	0	PT/M	4	T.C. SENS	1
NO.	1	SEC	160	SETTING	1
				PER. ON	1
				SIC	1
				SENS	1
				STATUS	1
				SIC	1
				SETTINGS	1
				ZERO	1



Gamma Ray  
 0 CPS/10'

3



76-320

**LEXCO TESTING LTD. GAMMA-DENSITY - RESISTANCE**

700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA.

HOLE QU-78-320 SURVEYED DATA

LOCATION 3880 TR SEC TP RGE W ELEV. 1039

AREA QUINSAMON PROV. BC LOC. 52740-8671 E

DATE 02/19/78 RUN NO. 2

DEPTH-DRILLER 225'

DEPTH-LOGGER 220'

LOGGING TIME 15hr. 00min

DRILLED BY I. BLY

RECORDED BY D. SUTHER

WITNESSED BY P. SUTHER

BIT BORE-HOLE RECORD CASING RECORD TO

SIZE 10" FROM TO

RESISTANCE 1.0 DENSITY 1.5

EQUIPMENT DATA

GAMMA RAY TOTAL ROBERT NO. 1-103 RESISTANCE DENSITY CALIBER

DIAMETER 8 1/8" DIAMETER 2 1/8" DIAMETER 2 1/8"

DETECTOR MODEL No. CS-316 TYPE W TYPE F

LENGTH 3 SCINTI 1 SCINTI 13

GENERAL

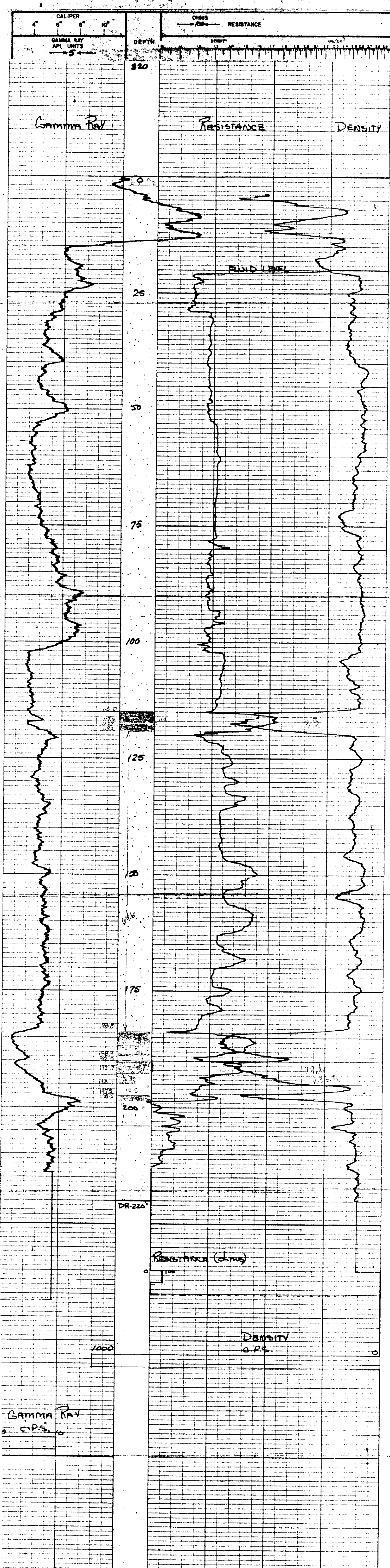
TRUCK No. 2 SOURCE MODEL MOBILE HOOP STRENGTH 125 M.C.

LOCATION Campsite II LOGGING DATA

GENERAL

RUN NO. 1 SPEED 12 T.C. SENS. ZERO 1 API UNITS 8 T.C. DENSITY 1.5

REMARKS PC



DEPTH (ft)	GAMMA RAY (API UNITS)	RESISTANCE (ohms)	DENSITY (g/cm³)
118.3	117.3	117.3	117.3
122.5	122.5	122.5	122.5
125.0	125.0	125.0	125.0
130.0	130.0	130.0	130.0
175.0	175.0	175.0	175.0
185.5	185.5	185.5	185.5
188.7	188.7	188.7	188.7
192.0	192.0	192.0	192.0
197.7	197.7	197.7	197.7
198.5	198.5	198.5	198.5
200.0	200.0	200.0	200.0

DR-220'

RESISTANCE (ohms)

DENSITY (g/cm³)

GAMMA RAY (API UNITS)

78-321

**LEXCO TESTING LTD. GAMMA-DENSITY - RESISTANCE**

700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA.

HOLE QU-78-321 SURVEYED DATA

LOCATION 3940 R SEC TP RGE W ELEV 980

AREA QUINSMON LOC 59415-3929A

PROVINCE B.C. 19 71

DATE Oct 24, 1978

DEPTH-DRILLER 100'

DEPTH-LOGGER 198'

FLUID LEVEL 5 hr 706.1

LOGGING TIME H. VINCENT

DRILLED BY P. QUINSMON

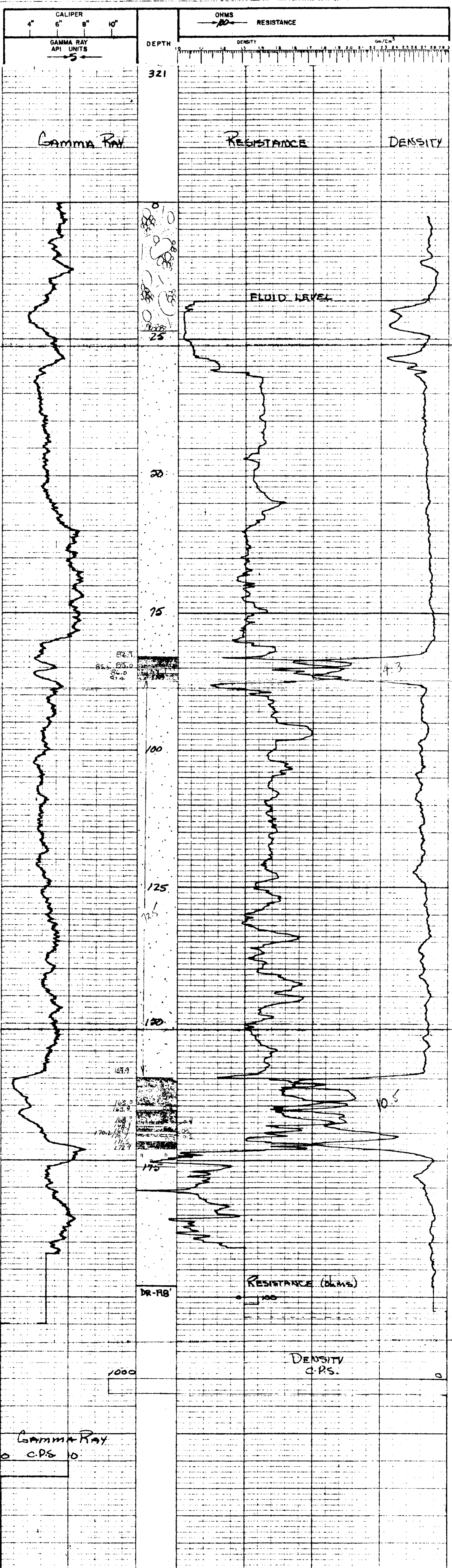
RECORDED BY R. CONNOR

WITNESSED BY K. CONNOR

BORE-HOLE RECORD

BIT 4 1/2" S&W TO T.D. SIZE 5 1/2" FROM S&W TO 31'

EQUIPMENT DATA		RESISTANCE		DENSITY		CALIPER	
GAMMA RAY	TOOL MODEL No.	L-103	TOOL MODEL No.	L-103	L-103	L-103	L-103
	DIAMETER	2 1/8"	DIAMETER	2 1/8"	DIAMETER	2 1/8"	DIAMETER
	DETECTOR MODEL No.	CP-516	DETECTOR MODEL No.	CP-516	DETECTOR MODEL No.	CP-516	DETECTOR MODEL No.
	TYPE	SCINT	TYPE	SCINT	TYPE	SCINT	TYPE
	SPACING	13"	SPACING	13"	SPACING	13"	SPACING
	LENGTH	3'	LENGTH	3'	LENGTH	3'	LENGTH
GENERAL		HOR. SCALE		SOURCE MODEL		HOVRP	
TRUCK No. <u>2</u>		100' <u>2.1/100</u>		CS-137		CS-137	
LOCATION <u>Cambridge RIVER</u>		ISOTOPE		STRENGTH		125 m.c.	
LOGGING DATA		GAMMA RAY		GAMMA RAY		GAMMA RAY	
GENERAL	DEPTHS	SPEED	T.C.	SENS	ZERO	API UNITS	T.C.
1	FROM <u>198'</u>	TO <u>12</u>	4	100	5	1	JK
REMARKS:							



Gamma Ray  
0 C.P.S. 0



**LEXCO TESTING LTD. GAMMA DENSITY - RESISTANCE**

700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA.

HOLE QU-78-522 SURVEYED DATA

LOCATION 7400 R SEC TP RGE W ELEV. 957

AREA QUINSAM LOC. 13-74-34-7 R2

PROVINCE B.C. (110) 71

DATE Oct 26, 1978

DEPTH - DRILLER 440'

DEPTH - LOGGER 535'

FLUID LEVEL 1 1/2' TOTAL

LOGGING TIME 1 1/2

DRILLED BY M. HILBERT

RECORDED BY C. HANCOCK

WITNESSED BY C. HANCOCK

BIT 5 1/2" SUIT TO 70' SITE 5 1/2" SUIT TO 30'

BORE-HOLE RECORD FROM TO CASING RECORD FROM TO

EQUIPMENT DATA

GAMMA RAY TOOL MODEL NO. L-103 TOOL MODEL NO. L-103 RESISTANCE DENSITY CALIPER

DIAMETER 2 1/8" DIAMETER 2 1/8"

DETECTOR MODEL NO. CP-516 TYPE F

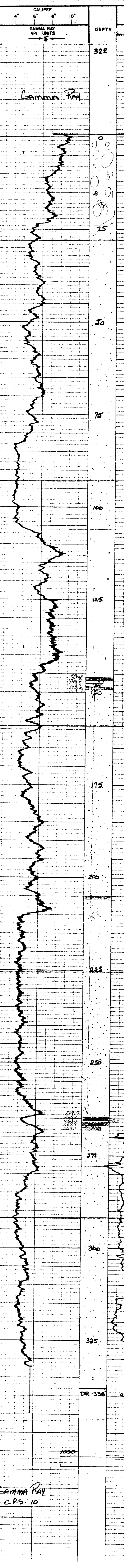
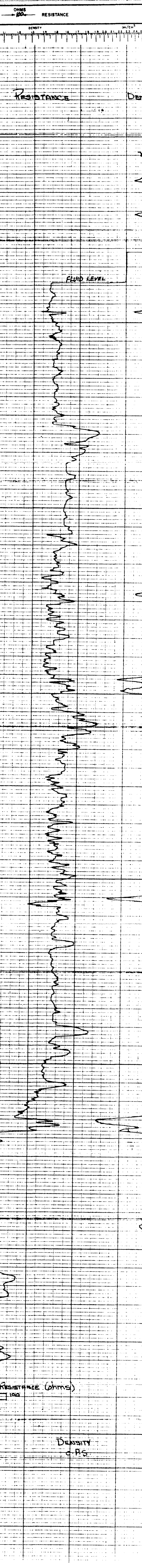
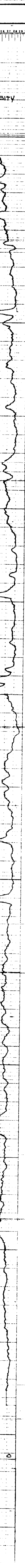
TYPE SCINT SPRING 1 1/2"

LENGTH 3"

GENERAL

TRUCK No. 2 HOIP 1001A

LOCATION 7400 R SEC TP RGE W STRENGTH CS-137



GENERAL	SPEED	T.C.	SENS.	GAMMA RAY	API UNITS	T.C.	SENS.	DENSITY	ZERO
NO. FROM TO	FLYING TO	SECS	SETTING	PER DIV	DIV	SETTING	SETTING		
1	322	0	12	4	100	5	1	1	12

REMARKS: **R**

GAMMA RAY  
0: C.P.S. 10



78-324 (c)

**LEXCO TESTING LTD. GAMMA-DENSITY - RESISTANCE**

700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA.

HOLE QU-78-324 (c) SURVEYED DATA

LOCATION 45+00 3900 Ft SEC TP RGE W ELEV. 995

AREA QUINSMAM LOC. 46+51 - 3942 R

PROVINCE B.C. (11) 71

RUN No. 2

DATE Oct 26, 1978

DEPTH-DRILLER 115'

DEPTH-LOGGER 112'

FLUID LEVEL 14'

LOGGING TIME 1 1/2

DRILLED BY T. Bly

RECORDED BY D. Dussan

WITNESSED BY R. Koenigshon

BIT FROM 594' TO 594' SIZE 4 1/2" CASING RECORD FROM 594' TO 594'

EQUIPMENT DATA

GAMMA RAY TOOL MODEL No. L-103 TOOL MODEL No. L-103 RESISTANCE DENSITY CALIPER

DIAMETER 2 1/8" DIAMETER 2 1/8"

DETECTOR MODEL No. CP-516 TYPE F

TYPE SCINT SPACING 15"

LENGTH 5' LENGTH 1'

TRUCK No. 2 HOUR SCALE 100/100 HOVP

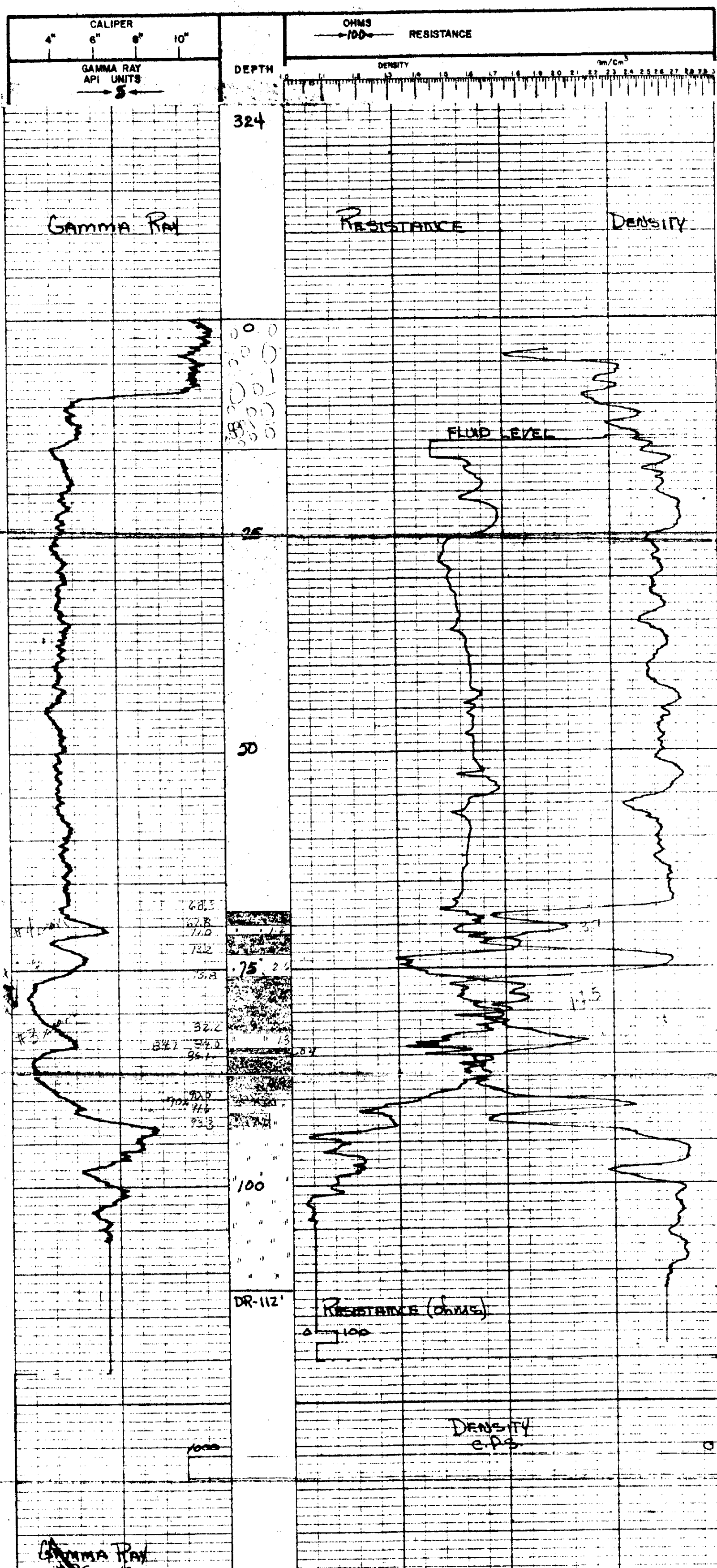
LOCATION Campbell ISOTOPE CS-137

LOGGING DATA

GENERAL		GAMMA RAY		DENSITY	
RUN No.	DEPTHS	SPEED F./min	T.C. SEC. SETTINGS	API UNITS PER DIV	T.C. SEC. SETTINGS
1	112'	12	4	5	1K

REMARKS:

2



GAMMA RAY

78-325

**LEXCO TESTING LTD. GAMMA-DENSITY - RESISTANCE**

700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA

HOLE **QU-78-325** SURVEYED DATA

LOCATION **74+00 R. SEC 17 RGE. W** ELEV. **771**

AREA **QUINSARM** LOC. **73+71-5248E**

PROVINCE **B.C. (113)**

DATE **OCT 27, 1978**

DEPTH - DRILLER **245'**

DEPTH - LOGGER **259'**

LOGGING TIME **1.5 hr. 26.1**

DRILLED BY **H. JUNG S. TI**

RECORDED BY **D. DEARBAR**

WITNESSED BY **R. KANGAR**

BORE-HOLE RECORD

BIT FROM TO SIZE FROM TO

4 1/2" SUEZ TD 5 1/2" SUEZ 28'

EQUIPMENT DATA

GAMMA RAY TOOL MODEL No. L-103 RESISTANCE TOOL MODEL No. L-103 CALIPER

DIAMETER MODEL No. CP-315 TYPE ME 2 1/8" DENSITY

TYPE SCANT LENGTH 15'

GENERAL TRUCK No. **1000117** HOVP

LOCATION **Chaparral** ISOTOPE CS-137

GENERAL LOGGING DATA

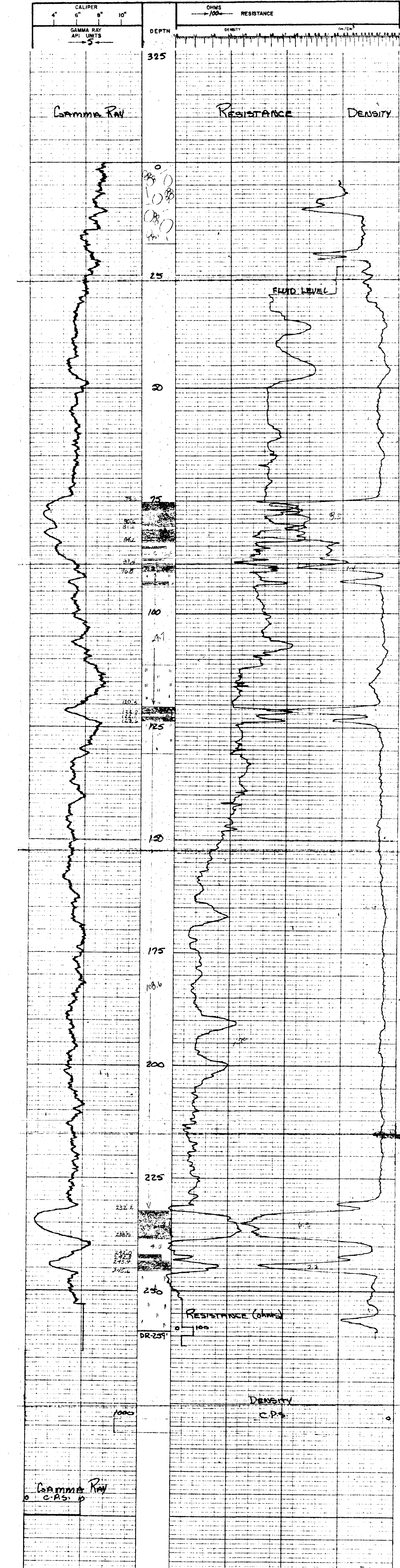
GENERAL SPEED T.C. SENS. ZERO API UNITS T.C. SENS. ZERO

DEPTHS FROM TO F/Min SEC. SETTINGS PER DIV 1

NO. 2557 0 12 4 100 5 1 1X

REMARKS

20



71-326

**LEXCO TESTING LTD. GAMMA-DENSITY - RESISTANCE**

700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA.

HOLE QU-78-326 SURVEYED DATA

LOCATION 75+00 RA SEC TP RGE W ELEV. 947

AREA QUINSSAM LOC. 75+46-3437 BT

PROVINCE BC L13

DATE Oct 27, 1978

DEPTH-DRILLER 125'

DEPTH-LOGGER 125'

FLUID LEVEL 8.8'

LOGGING TIME 5 hr. 10 min.

DRILLED BY T. PLY

RECORDED BY R. PLY

WITNESSED BY R. Horgan

BORE-HOLE RECORD

CASING RECORD

EQUIPMENT DATA

GAMMA RAY

TOOL MODEL NO. L-103 TOOL MODEL NO. L-103 RESISTANCE

DIAMETER 2 1/8" DIAMETER 2 1/8" DENSITY

DETECTOR MODEL NO. GP-516 DETECTOR MODEL NO. ME CALIBER

TYPE SCINT SCINT 13"

LENGTH 3' LENGTH 1'

GENERAL

TRUCK No. 2 HOR. SCALE 100 ft

LOCATION Campers / Kiver ISOTOPE CS-137 HOVP

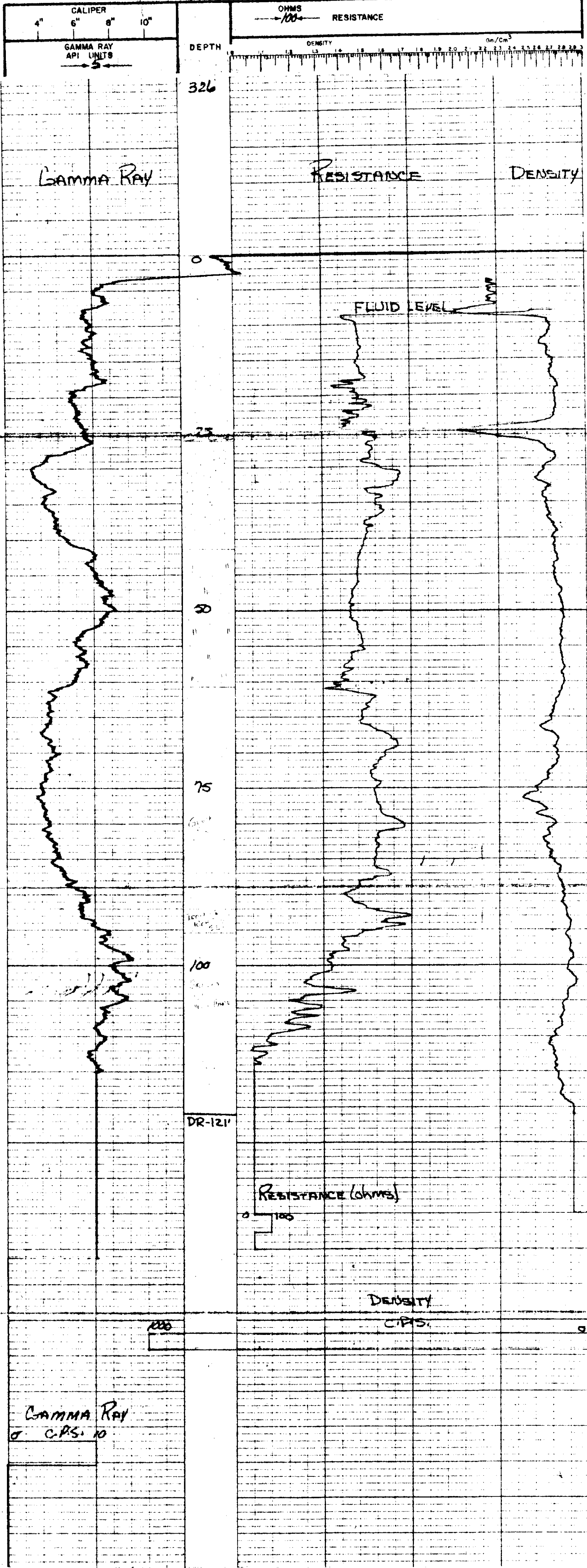
LOGGING DATA

GENERAL

RUN NO. 1 DEPTHS FROM 0 TO 12 SPEED 12 T.C. SENS. ZERO 100 API UNITS PER DN. 5 T.C. SENS. SETTINGS 1 DENSITY ZERO

REMARKS

PC





76-300

**LEXCO TESTING LTD. GAMMA-DENSITY - RESISTANCE**

700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA.

HOLE DU-78-300 SURVEYED DATA

LOCATION 2500 R.R. SEC. 17, RGE. W. ELEV. 946

AREA QUINSAM LOC. 2500 R.R. SEC. 17

PROVINCE B.C. (114) 71

DATE Oct 2, 1978

DEPTH - DRILLER 130'

DEPTH - LOGGER 119'

FLUID LEVEL 5 hr. total

LOGGING TIME 1 hr. total

DRILLED BY H. WATKINS

RECORDED BY D. DAVENPORT

WITNESSED BY R. KONGSBAUN

BORE-HOLE RECORD

BT FROM 4 1/2' TO T.D. SIZE 5 1/2" CASING RECORD FROM 5 1/2' TO 94'

EQUIPMENT DATA

GAMMA RAY

TOOL MODEL NO. L-103 YOGS MODEL NO. L-103 RESISTANCE L-103 DENSITY L-103 CALIPER

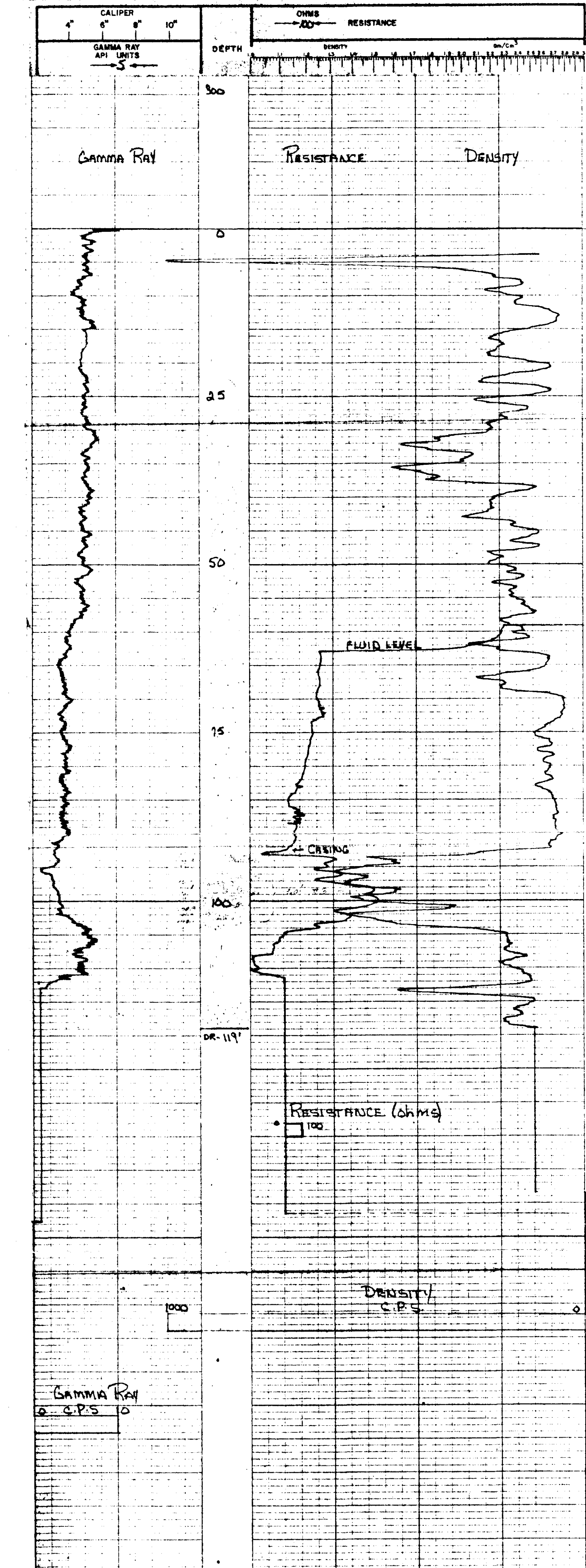
DIAMETER 2 1/8" DIAMETER 2 1/8" TYPE ME SCINT 18" LENGTH

DETECTOR MODEL NO. CF-516 SCINT 18" LENGTH

GENERAL

TRUCK No. 2 HOR. SCALE WOODLARK HOVP

LOCATION Campbell RIVER ISOTOPE CS-137 STRENGTH 125 m.c.



CALIPER  
GAMMA RAY API UNITS

OHMS RESISTANCE  
DENSITY gm/cm<sup>3</sup>

GAMMA RAY

RESISTANCE

DENSITY

FLUID LEVEL

CASING

RESISTANCE (ohms)

DENSITY C.P.S.

GAMMA RAY C.P.S.

DC

78-301

**LEXCO TESTING LTD. GAMMA-DENSITY - RESISTANCE**

700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA.

HOLE **QU-78-301** SURVEYED DATA  
 LOCATION **13+00 R SEC TP RGE W** ELEV. 1014  
 AREA **QUINSAM** LOC. 13401 - 5702R  
 PROVINCE **B.C. LIS 71**

DATE **02.2.1978**  
 DEPTH-DRILLER **300**  
 DEPTH-LOGGER **300**  
 LOGGING TIME **1 hr. 30 min**  
 WELLER BY **P. CALDWELL**  
 RECORDED BY **D. DUBAR**  
 WITNESSED BY **D. CALDWELL**

BIT **5 1/2"** Casing Record **TO**  
 FROM **TO**  
 BIT **5 1/2"** Casing Record **TO**  
 FROM **TO**

TOOL BOX NO.	1-105	TOOL BOX NO.	1-105
DIAMETER	2 1/8"	DIAMETER	2 1/8"
DETECTOR MODEL NO.	GS-518	DETECTOR MODEL NO.	GS-518
TYPE	SCINT	TYPE	SCINT
SPACING	15"	SPACING	15"
LENGTH	3'	LENGTH	3'
HOR. SCALE	100 S/LK	HOR. SCALE	100 S/LK
ROTOR	CS-137	ROTOR	CS-137
STRONGHOLD	125 m.c.	STRONGHOLD	125 m.c.
LOGGING DATA		LOGGING DATA	
GENERAL		GENERAL	
SPEED		SPEED	
PLANN		PLANN	
SEC		SEC	
SETTING		SETTING	
API		API	
LIMITS		LIMITS	
PER		PER	
DRY		DRY	
SEC		SEC	
SETTING		SETTING	
API		API	
LIMITS		LIMITS	
PER		PER	
DRY		DRY	
SEC		SEC	
SETTING		SETTING	
API		API	
LIMITS		LIMITS	
PER		PER	
DRY		DRY	
SEC		SEC	
SETTING		SETTING	
API		API	
LIMITS		LIMITS	
PER		PER	
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LIMITS		LIMITS	
PER		PER	
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LIMITS		LIMITS	
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API		API	
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DRY		DRY	
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API		API	
LIMITS		LIMITS	
PER		PER	
DRY		DRY	
SEC		SEC	
SETTING		SETTING	
API		API	
LIMITS		LIMITS	
PER		PER	
DRY		DRY	
SEC		SEC	
SETTING		SETTING	
API		API	
LIMITS		LIMITS	
PER		PER	
DRY		DRY	
SEC		SEC	
SETTING		SETTING	
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LIMITS		LIMITS	
PER		PER	
DRY		DRY	
SEC		SEC	
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API		API	
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LIMITS		LIMITS	
PER		PER	
DRY		DRY	
SEC		SEC	
SETTING		SETTING	
API		API	
LIMITS		LIMITS	
PER		PER	
DRY		DRY	
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LIMITS		LIMITS	
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LIMITS		LIMITS	
PER		PER	
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SEC		SEC	
SETTING		SETTING	
API		API	
LIMITS		LIMITS	
PER		PER	
DRY		DRY	
SEC		SEC	
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LIMITS		LIMITS	
PER		PER	
DRY		DRY	
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API		API	
LIMITS		LIMITS	
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DRY		DRY	
SEC		SEC	
SETTING		SETTING	
API		API	
LIMITS		LIMITS	
PER		PER	
DRY		DRY	
SEC		SEC	
SETTING		SETTING	
API		API	
LIMITS		LIMITS	
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LIMITS		LIMITS	
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DRY		DRY	
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SETTING		SETTING	
API		API	
LIMITS		LIMITS	
PER		PER	
DRY		DRY	
SEC		SEC	
SETTING		SETTING	
API		API	
LIMITS		LIMITS	
PER		PER	
DRY		DRY	
SEC		SEC	
SETTING		SETTING	
API		API	
LIMITS		LIMITS	
PER		PER	
DRY		DRY	
SEC		SEC	
SETTING		SETTING</	



78-303

**LEXCO TESTING LTD. GAMMA-DENSITY - RESISTANCE**

700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA

HOLE **QU-78-303** SURVEYED DATA

LOCATION **45+00 RT SEC TP RGE W** ELEV. **911** SGL

AREA **DUSSAM** LOC. **25+09 - 179804**

PROVINCE **B.C. (1671)**

RUN No. **2**

DATE **OCT 4 1978**

DEPTH-DRILLER **448'**

DEPTH-LOGGER **438'**

FLUID LEVEL **75 ft. TO FL**

LOGGING TIME **11/1/1978**

DRILLED BY **R. DUNSTON**

RECORDED BY **R. DUNSTON**

WITNESSED BY **R. DUNSTON**

BIT **4 1/2" SUFT** BORE-HOLE RECORD

FROM **T-15** TO **5 1/2" SUFT**

SIZE **5 1/2" SUFT** CASING RECORD

TO **5 1/2" SUFT**

EQUIPMENT DATA

GAMMA RAY TOOL MODEL No. **L-103** RESISTANCE TOOL MODEL No. **L-103** CALIPER

DIAMETER **2 1/8"** DETECTOR MODEL No. **CP-516** ME **F**

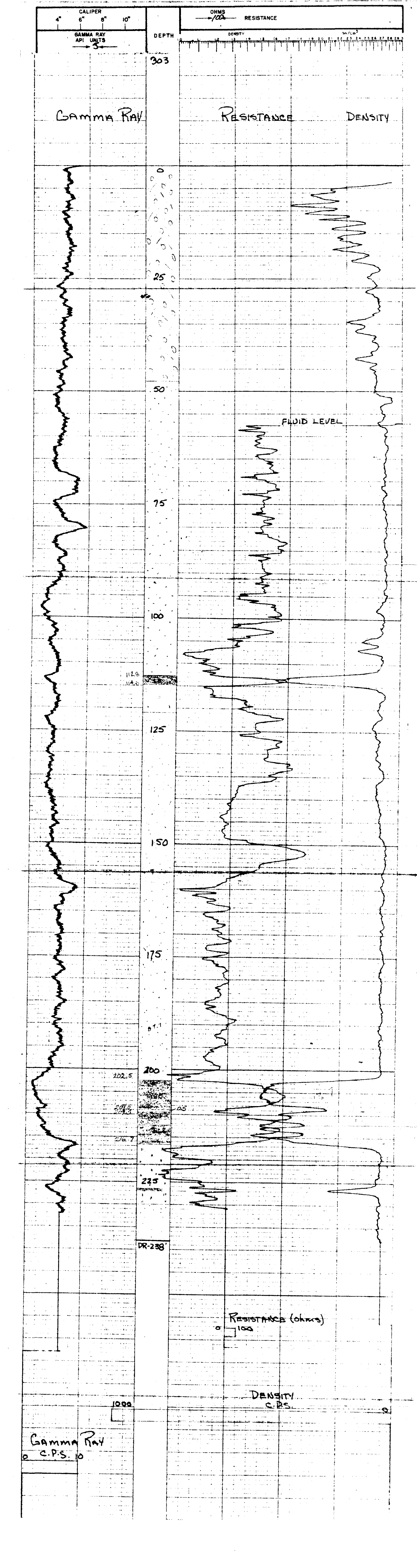
TYPE **SCINT** SPACING **13"** LENGTH **3'**

GENERAL TRUCK No. **2** SOURCE MODEL **1000124** HOVP

LOCATION **QU-78-303** ISOTOPE **CS-137** STRENGTH **125 m.c.**

GENERAL				GAMMA RAY				RESISTANCE				DENSITY			
RUN No.	DEPTHS FROM TO	SPEED F/Min	T.C. SEC	SENS PER DIV	ZERO	API UNITS	T.C. SEC	SENS PER DIV	ZERO	OHMS	RESISTANCE	DENSITY	ZERO		
1	0	12	4	100	5	1	1	1	1						

REMARKS: **DR-238**



GAMMA RAY  
C.P.S. 10



78-304

**LEXCO TESTING LTD. GAMMA DENSITY - RESISTANCE**

700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA

HOLE **QU-78-304** SURVEYED DATA

LOCATION **13709 SEC 17 RGE W** ELEV. **711**

AREA **QUINAM** LOC. **1543-12250**

PROVINCE **BC (17) 71**

DATE **OCT 5 1978** RUN NO. **2**

DEPTH - DRILLER **216'**

DEPTH - LOGGER **209'**

FLUID LEVEL **75 hr. total**

LOGGING TIME **5.50000**

DRILLED BY **S. GARDNER**

RECORDED BY **S. GARDNER**

WITNESSED BY **S. GARDNER**

BORE-HOLE RECORD

BIT FROM TO SIZE FROM TO CASING RECORD

BIT **7 7/8" SOFT** TO **7 1/2" SOFT** FROM **5'** TO

EQUIPMENT DATA

GAMMA RAY TOOL MODEL No. L-103 RESISTANCE TOOL MODEL No. L-103 DENSITY TOOL MODEL No. L-103 CALIPER

QUARTER 1/8" DIAMETER 2 1/8" 2 1/8"

DETECTOR MODEL No. GS-516 TYPE ME F

TYPE SCINT SPACING 13"

LENGTH 3"

GENERAL HOR. SCALE **100% DIV.**

TRUCK No. **2** SOURCE MODEL **NOV**

LOCATION **Campbell** BOITOP **GS-137**

**KVBP** STRENGTH **125 m.c.**

LOGGING DATA

GENERAL GAMMA RAY

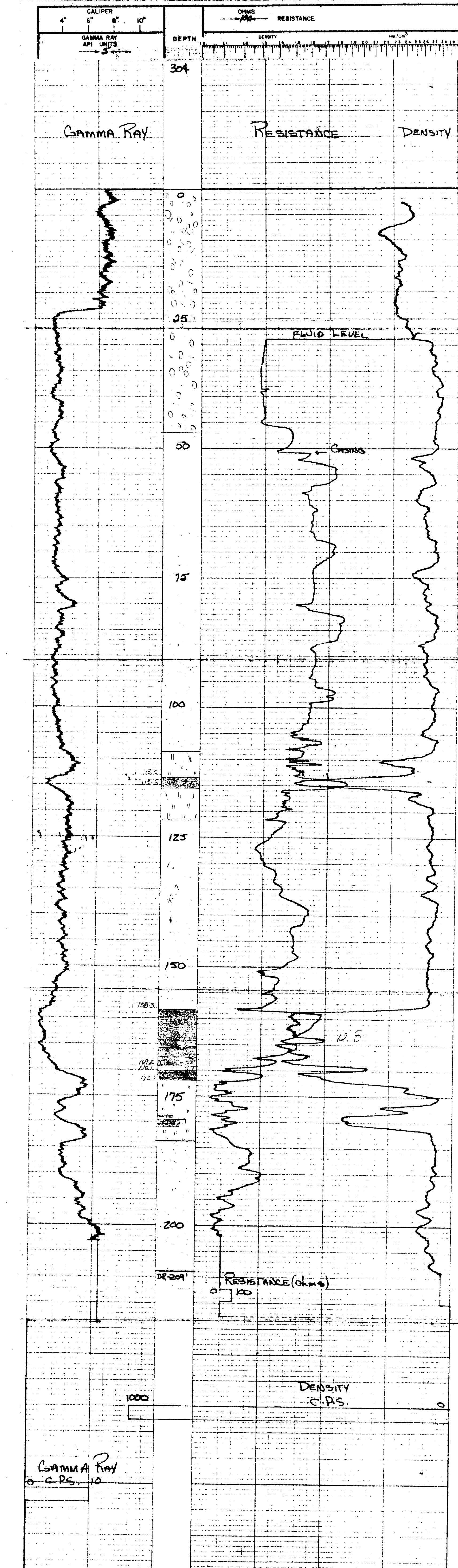
RUN DEPTHS SPEED T.C. SENS ZERO API UNITS T.C. SENS DENSITY

No. FROM TO F/min. SEC SETTINGS PER DIV. SEC SETTINGS

**1** **200'** **0** **12** **0** **100** **5** **1** **1X**

REMARKS

**PC**



GAMMA RAY  
0 C.P.S. 10



78-306

**LEXCO TESTING LTD. GAMMA-DENSITY - RESISTANCE**

700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA.

HOLE QU-78-306 SURVEYED DATA  
 LOCATION 4200 Rt SEC TP RGE W ELEV. 990

AREA QUINSAM LOC. 51+72 - 4200

PROVINCE B.C.

DATE Oct 12, 1978

DEPTH-DRILLER 131

DEPTH-LOGGER 131

FLUID LEVEL 5 ft

LOGGING TIME 1:00

DRILLED BY J. Gid

RECORDED BY P. Dunsbar

WITNESSED BY P. Dunsbar

BIT 5 3/4" Surf

BORE-HOLE RECORD T.D.

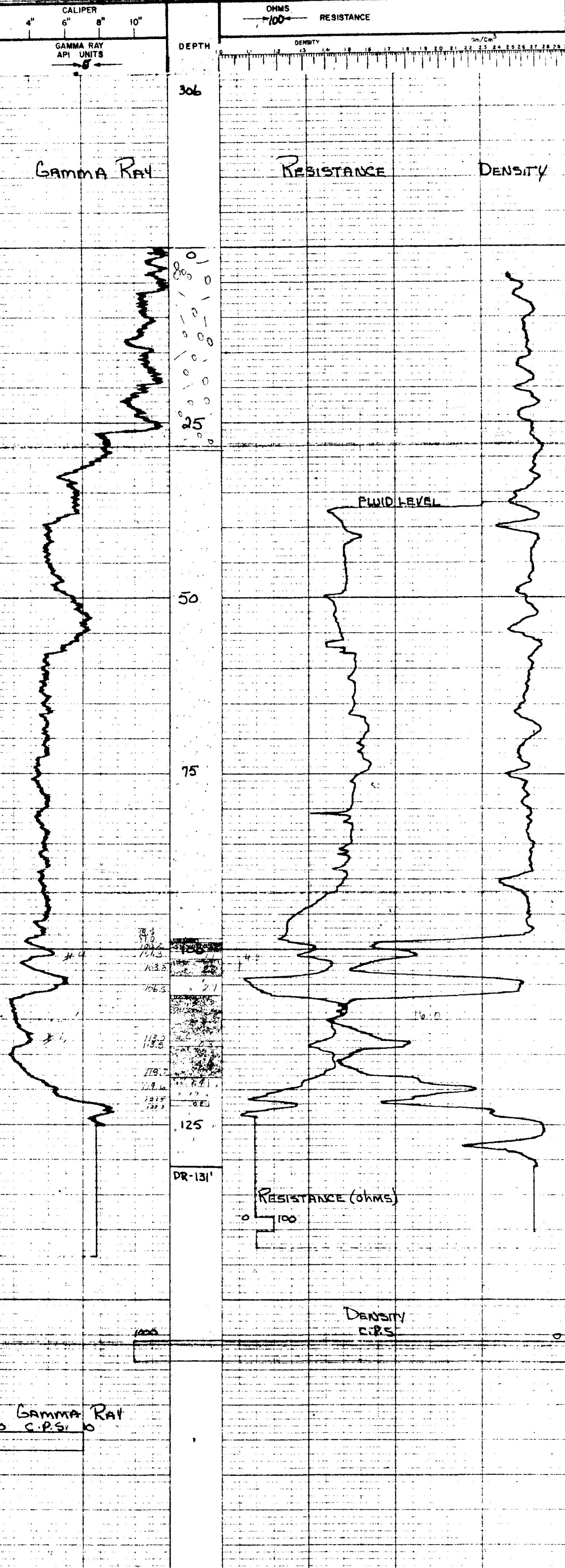
EQUIPMENT DATA  
 GAMMA RAY TOOL MODEL No. L-103 RESISTANCE DENSITY CALIPER  
 DIAMETER 2 1/8" DIAMETER 2 1/8"  
 DETECTOR MODEL No. CP-516 ME ME  
 TYPE SCINT SCINT SCINT  
 LENGTH 3" LENGTH 15"

GENERAL LOGGING DATA  
 TRUCK No. 2 SOURCE MODEL 1000 HOVP  
 LOCATION Campbell ISOTOPE CS-137  
 KIVAR STRENGTH 125 m.c

Run No.	From	To	Speed	T.C.	Sens	Zero	API	Units	T.C.	Sens	Zero
1	131	0	12	4	100		5		1	1K	

REMARKS:

PC



GAMMA RAY  
 0 C.P.S. 0





78-308

**LEXCO TESTING LTD. GAMMA-DENSITY - RESISTANCE**

700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA

HOLE **QU-17B-308** SURVEYED DATA

LOCATION **30th St. B. SEC TP RGE W** ELEV **264**

AREA **QUINSAPOA** LOC. **308-308**

PROVINCE **ALTA**

RUN NO. **2**

DATE **Oct 13, 1978**

DEPTH-DRILLER **180**

DEPTH-LOGGER **178**

FLUID LEVEL **75.0' 141**

LOGGING TIME **7:50 AM**

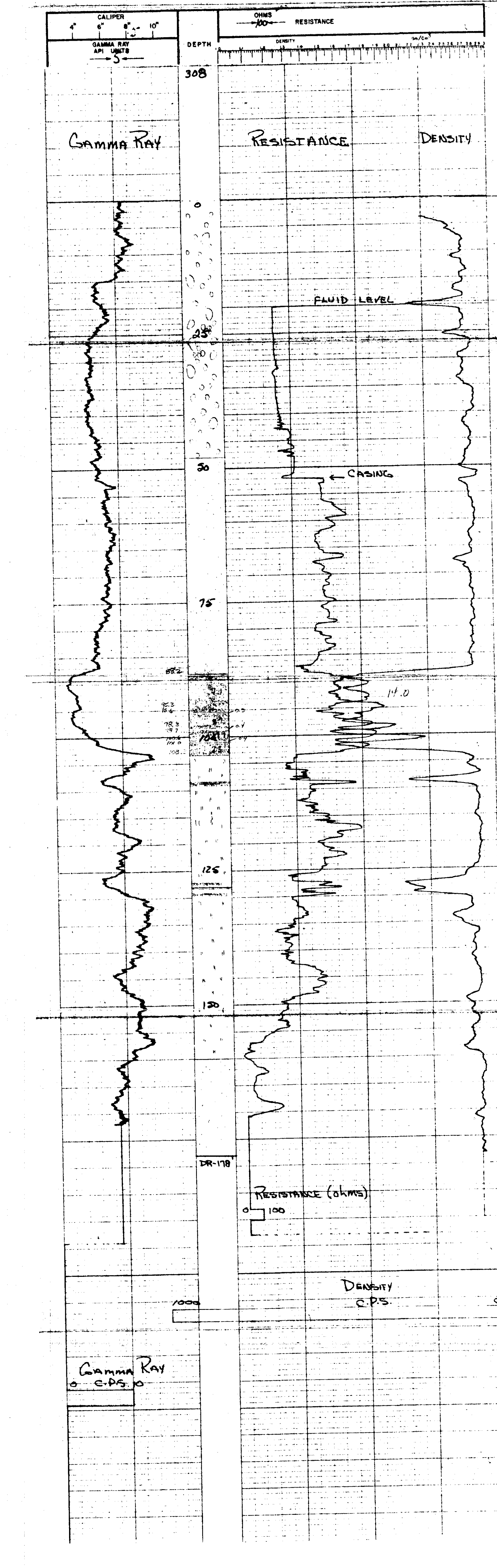
DRAILED BY **H. JACKETT**

RECORDED BY **P. DUNBAR**

WITNESSED BY **R. HARRISON**

BIT **5 1/2" SURF** T.D. **512' SURF** 20'

EQUIPMENT DATA		RESISTANCE		DENSITY		CALIBER	
TOOL MODEL NO.	L-103	TOOL MODEL NO.	L-103	DENSITY	L-103	CALIBER	
DIAMETER	2 1/8"	DIAMETER	2 1/8"				
DETECTOR MODEL NO.	CP-516	TYPE	2 1/8"				
TYPE	SCINT	SPACING	13"				
LENGTH	3'	LENGTH	1"				
GENERAL		HOR SCALE	100 G.P.H.				
TRUCK No.	2	SOURCE MODEL	CS-137				
LOCATION	Quinsoa	ISOTOPE	CS-137				
	30th St	STRENGTH	125 m.c.				
LOGGING DATA				DENSITY			
GENERAL		GAMMA RAY		T.C.	SENS	ZERO	SENS
RUN	DEPTHS	SPEED	T.C.	SENS	ZERO	API UNITS	T.C.
No.	FROM TO	Ft/m	SEC	PER DN	SEC	SETTINGS	SENS
1	178' 0	12	4	100	5	1	K







78-310

**LEXCO TESTING LTD. GAMMA-DENSITY - RESISTANCE**

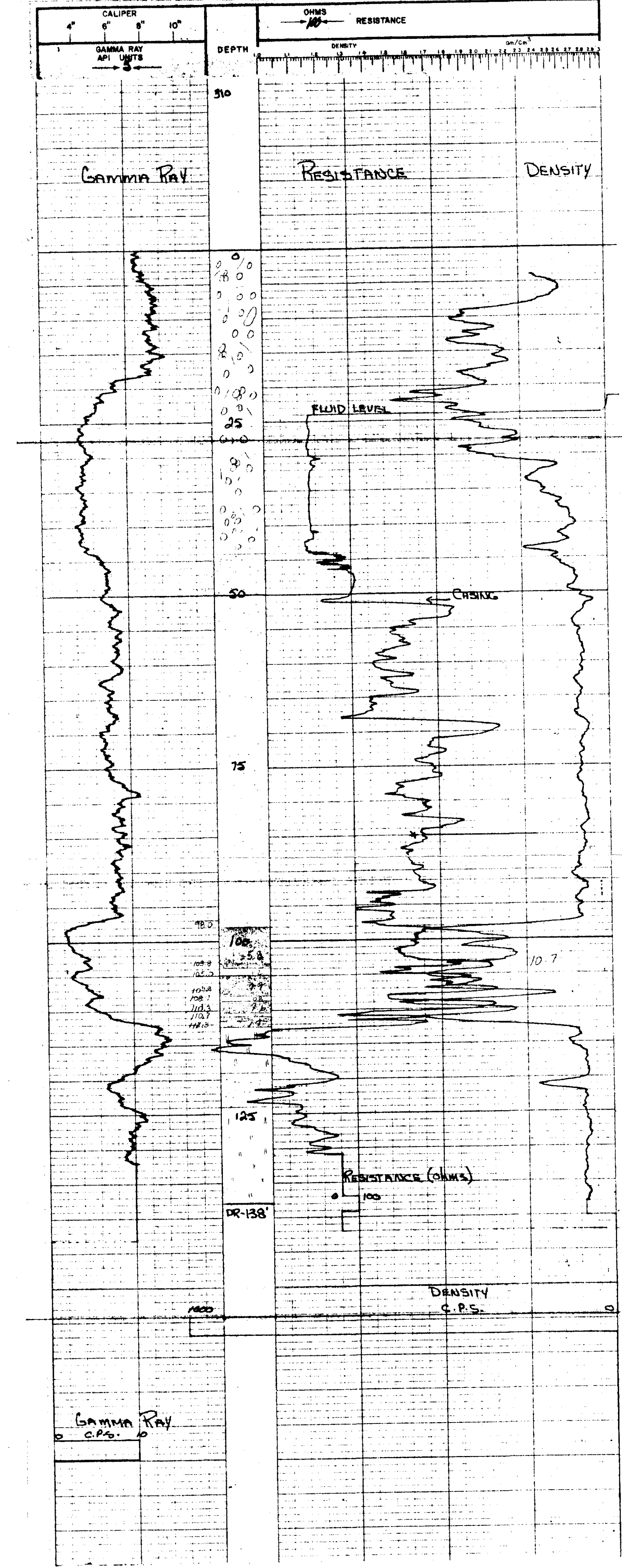
700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA

HOLE QU-78-310 SURVEYED DATA  
 LOCATION 35+00 R SEC TP RGE W ELEV. 9.5  
 AREA QUINSBAM LOC. 2-23-71  
 PROVINCE BC

RUN No \_\_\_\_\_ DATE Oct 14, 1978  
 DEPTH - DRILLER 150'  
 DEPTH - LOGGER 150'  
 FLUID LEVEL 24'  
 LOGGING TIME 5 hr. 10 min  
 DRILLED BY H. LUCART  
 RECORDED BY D. DUNN  
 WITNESSED BY R. KENNEDY

BIT 4 1/2" FROM 50' TO 75' SIZE 5 1/2" FROM 50' TO 75'  
 BORE-HOLE RECORD TO \_\_\_\_\_ GASSING RECORD TO \_\_\_\_\_

EQUIPMENT DATA		GAMMA RAY		RESISTANCE		DENSITY		CALIPER	
TOOL MODEL No.	L-103	TOOL MODEL No.	L-103	RESISTANCE	L-103	DENSITY	L-103	CALIPER	L-103
DIAMETER	2 1/8"	DIAMETER	2 1/8"	TYPE	2 1/8"	TYPE	2 1/8"	TYPE	2 1/8"
DETECTOR MODEL No.	GP-518	DETECTOR MODEL No.	GP-518	SCINT	SCINT	SCINT	SCINT	SCINT	SCINT
TYPE	SCINT	TYPE	SCINT	LENGTH	3"	LENGTH	3"	LENGTH	3"
GENERAL		GENERAL		HOR. SCALE	100/200	HOR. SCALE	100/200	HOR. SCALE	100/200
TRUCK No.	2	TRUCK No.	2	SOURCE MODEL	CS-137	SOURCE MODEL	CS-137	SOURCE MODEL	CS-137
LOCATION	CAMPBELL	LOCATION	CAMPBELL	ISOTOPE	CS-137	ISOTOPE	CS-137	ISOTOPE	CS-137
	KIVER		KIVER	STRENGTH	125 m.c.	STRENGTH	125 m.c.	STRENGTH	125 m.c.
LOGGING DATA									
GENERAL		GAMMA RAY		RESISTANCE		DENSITY		CALIPER	
RUN No	1	DEPTHS FROM	0	SPEED TO	12	T.C. SEC. SETTING	4	SENS. ZERO	100
	1	FROM	0	TO	12	PER DIV.	1	API UNITS	5
	1		0		12		1	T.C. SEC. SETTINGS	1/K
REMARKS: <u>Checked Resistance Calibration</u>									



78-311

**LEXCO TESTING LTD. GAMMA-DENSITY - RESISTANCE**

700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA.

HOLE QU-78-311 SURVEYED DATA

LOCATION 40400 @ SEC TP RGE W ELEV. 976

AREA QUINSAM LOC. 40-28-217E Q2

PROVINCE 3.C. (24) 71

RUN No. 2

DATE OCT 14, 1978

DEPTH-DRILLER 75"

DEPTH-LOGGER 69"

FLUID LEVEL 5 hr. later

LOGGING TIME

DRILLED BY J. BLY

RECORDED BY D. DUNBAR

WITNESSED BY R. KENNEDY

BORE-HOLE RECORD

BIT FROM TO SIZE FROM TO

5 1/2" 5 1/2" T.D. 4 1/2" 5 1/2" 3 1/2"

EQUIPMENT DATA

GAMMA RAY TOOL MODEL No. L-103 RESISTANCE TOOL MODEL No. L-103 DENSITY TOOL MODEL No. L-103 CALIPER

DIAMETER 2 1/8" DIAMETER 2 1/8" DIAMETER 2 1/8"

DETECTOR MODEL No. GP-516 TYPE ME F

TYPE SCINT SPACING 15"

LENGTH 3" LENGTH 1"

GENERAL TRUCK No. 2 HOH. SCALE 1000/100'

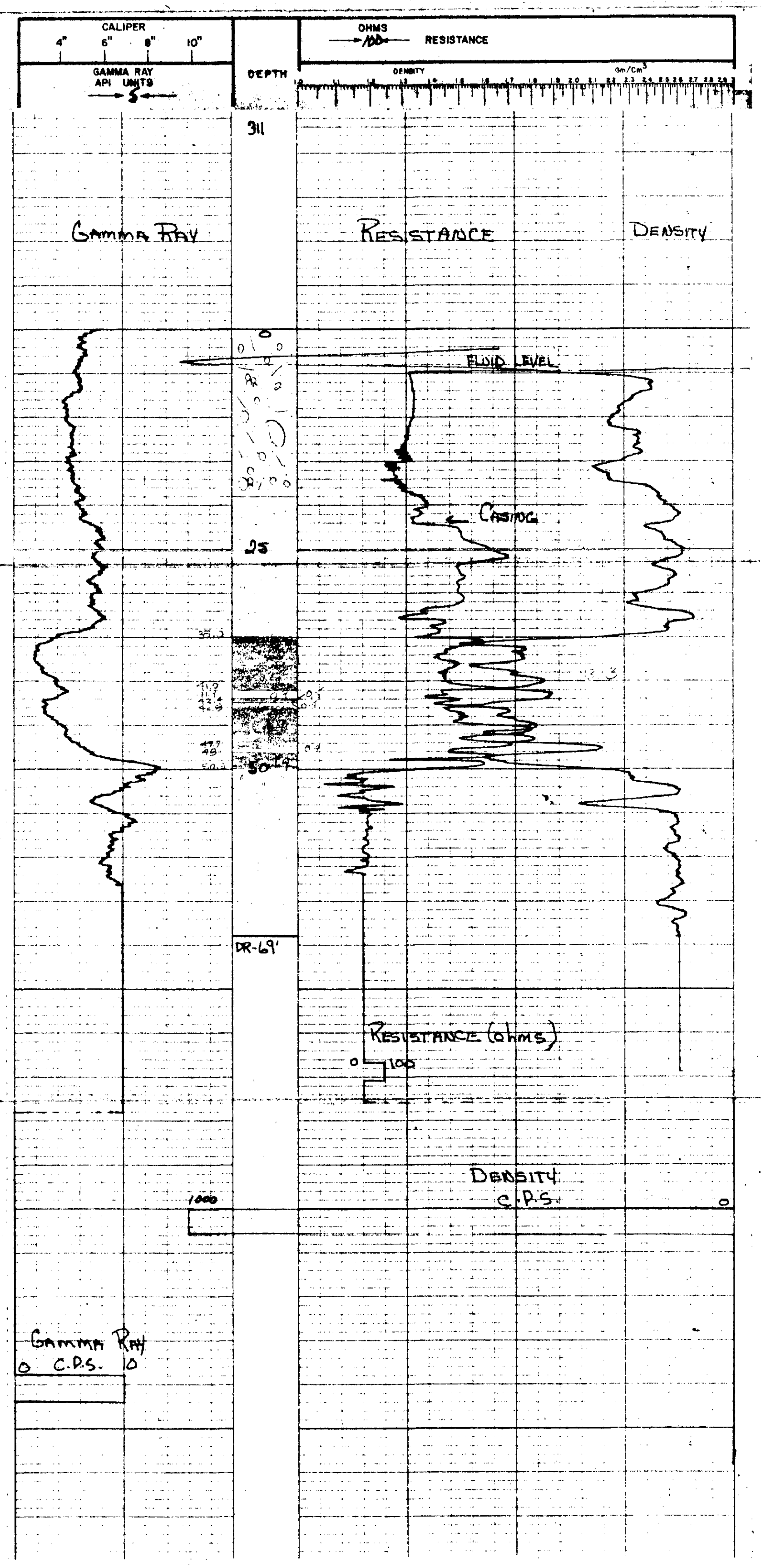
LOCATION Campbell RIVER SOURCE MODEL CS-137

LOGGING DATA

GENERAL RUN DEPTHS TO SPEED T C SENS ZERO API UNITS T C SENS ZERO

1 69' 0 12 4 100 5 1 1K

REMARKS



GAMMA RAY  
0 C.P.S. 0

78-312

**LEXCO TESTING LTD. GAMMA-DENSITY - RESISTANCE**

700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA.

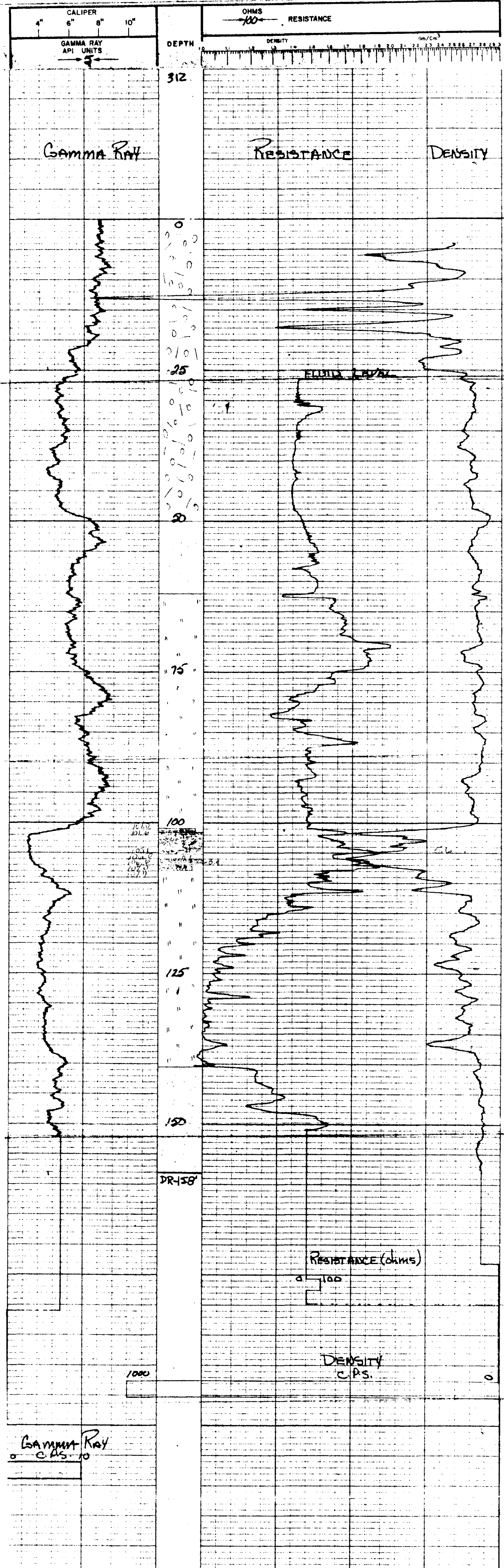
HOLE Q11-78-312 SURVEYED DATA  
 LOCATION 35+00 Rt. SEC TP RGE W ELEV. 212  
 AREA QUILSRM LOC. 2+1+11 - 6600  
 PROVINCE B.C. (L25) 91

RUN No. 2  
 DATE Oct 14, 1978  
 DEPTH - DRILLER 145'  
 DEPTH - LOGGER 158'  
 FLUID LEVEL 31.5'  
 LOGGING TIME 3 hr 10 min  
 DRILLED BY H. JACKSON  
 RECORDED BY P. DUNBAR  
 WITNESSED BY P. KENNEDY

BORE-HOLE RECORD  
 BIT 4 1/2" FROM TO SIZE 5 7/8" FROM TO  
 EQUIPMENT DATA  
 GAMMA RAY TOOL MODEL No. L-103 RESISTANCE TOOL MODEL No. L-103 DENSITY TOOL MODEL No. L-103 CALIPER  
 DIAMETER 2 1/8" DETECTOR MODEL No. CF-516 TYPE ME F 15"  
 TYPE SCINT SCINT LENGTH 1"  
 GENERAL TRUCK No. 2 HORN SCALE 100/100 SOURCE MODEL CS-137 ISOFOPE 125 m.c. STRENGTH

GENERAL				GAMMA RAY				DENSITY			
RUN No.	DEPTHS FROM TO	SPEED F/Min	T.C. SEC. SETTINGS	SENS ZERO	API UNITS PER DIV.	T.C. SEC. SETTINGS	SENS ZERO	SENS ZERO	API UNITS PER DIV.	T.C. SEC. SETTINGS	SENS ZERO
1	158'	0	12	4	100	5	1	1	1	1	1

REMARKS:  
PC





78-330

**LEXCO TESTING LTD. GAMMA-DENSITY - RESISTANCE**

700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA

HOLE QJ-78-330 SURVEYED DATA

LOCATION Beaver Tail SEC. 11 T.P. W ELEV. 711

AREA Beaver Tail LAKES 71 LOC. 220700

PROVINCE B.C. (L1) 71 T. 220700

RUN NO. 1  
 DATE Oct 30, 1978  
 DEPTH - DRILLER 300'  
 DEPTH - LOGGER 298'  
 FLUID LEVEL 64.5'  
 LOGGING TIME 1 hr  
 DRILLED BY H. VAN COTT  
 RECORDED BY P. WAINMAN  
 WITNESSED BY P. WAINMAN

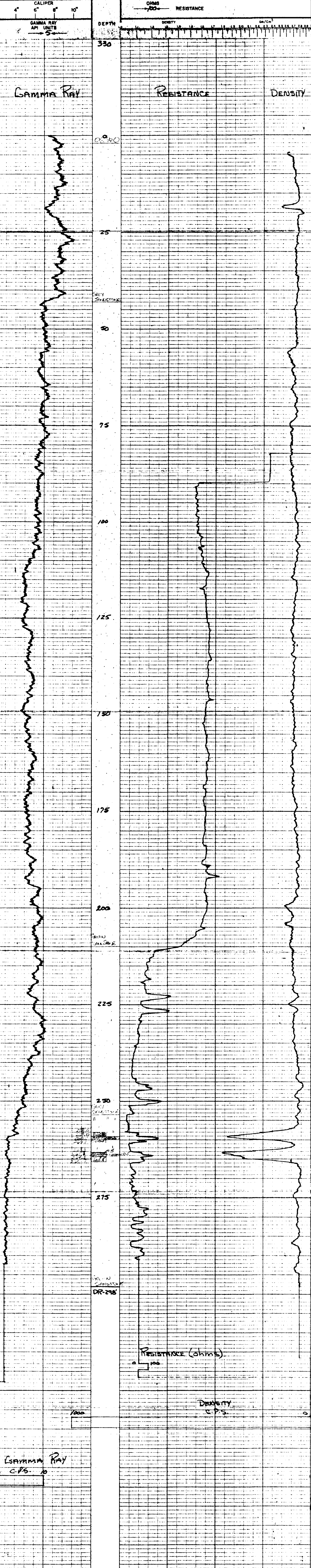
BIT 4 1/2" SURF TO T.D. SIZE 5 1/2" FROM 5 1/2" TO 20"

EQUIPMENT DATA  
 GAMMA RAY TOOL MODEL NO. L-103 RESISTANCE TOOL MODEL NO. L-103 DENSITY TOOL MODEL NO. L-103  
 CALIPER TOOL MODEL NO. 2 1/8" DIAMETER 2 1/8" L-103  
 DETECTOR MODEL NO. CF-516 TYPE F ME F 2 1/8"  
 SCINT TYPE SCINT SPACING 13" 13"  
 LENGTH 3' LENGTH 13" 13"

GENERAL TRUCK No. 2 HOPE SCALE POWELL NO. 137  
 LOCATION LAKE BEAVER TAIL ISOTOPE CS-137 CS-137  
 STRENGTH 125 m.c. 125 m.c.

GENERAL LOGGING DATA  
 SPEEDS T.C. SENS. ZERO PER. DIV. T.C. SENS. ZERO  
 DEPTHS FROM TO F/MH SEC. SETTING PER DIV. SEC. SETTINGS  
1 298' 0 12 4 60 5 1 IX

REMARKS  
PC



78-331

**LEXCO TESTING LTD. GAMMA-DENSITY - RESISTANCE**

700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA

HOLE **QU-78-331** SURVEYED DATA

LOCATION **102.155 R. SEC. 17 RGE. W** ELEV. **1610.4**

AREA **QUINSMAN EAST** LOC. **90, 300514**

PROVINCE **B.C. (L291)** 102.155, 954

DATE **OCT 31, 1978**

DEPTH-DRILLER **242**

DEPTH-LOGGER **242**

FLUID LEVEL **754.7861**

LOGGING TIME **11:51**

DRILLED BY **J. BLY**

RECORDED BY **D. ROOSKOPF**

WITNESSED BY **H. ROOSKOPF**

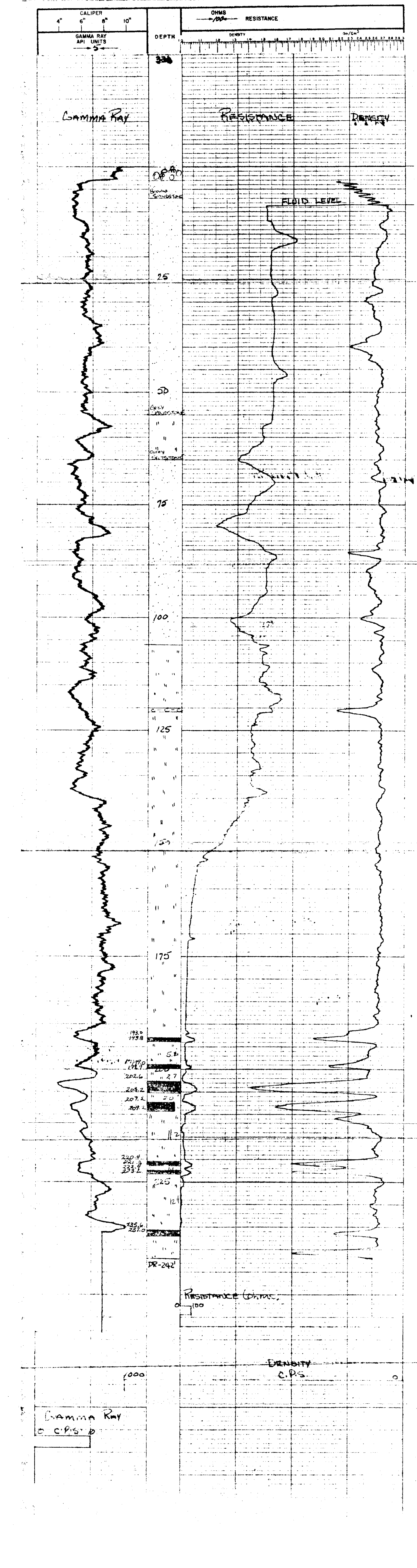
BORE-HOLE RECORD

BIT **5/8" Surf** T.D. **12'** CASING RECORD

EQUIPMENT DATA

REMARKS

**PC**





78-332

**LEXCO TESTING LTD. GAMMA-DENSITY - RESISTANCE**

700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA

HOLE QU-78-332 SURVEYED DATA

LOCATION 90.581 N, 277 W, SEC 17, T17N, R11W ELEV. 173.64

AREA QUINSMAN EAST LOC. 90.420, 21.4

PROVINCE B.C. (L3) 71 101, 915, 4114

RUN No. 1  
 DATE Oct 31, 1978  
 DEPTH - DRILLER All  
 DEPTH - LOGGER 33  
 FLUID LEVEL 1 1/2 FEET  
 LOGGING TIME 11:15 AM  
 DRILLER BY H. WARD  
 RECORDED BY D. WARD  
 WITNESSED BY D. WARD

BIT SOFT CASING RECORD TO  
 BIT FROM TO SIZE FROM TO

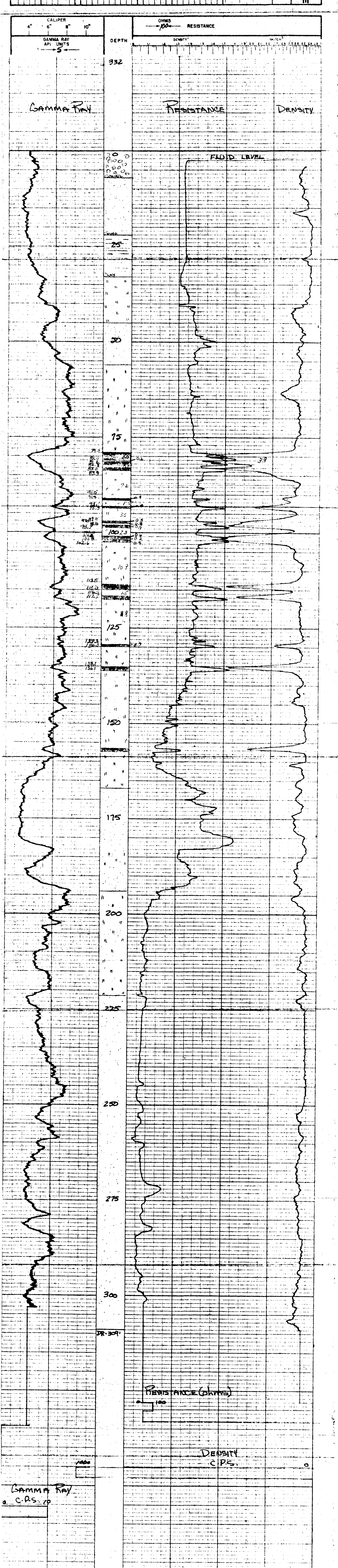
EQUIPMENT DATA  
 GAMMA RAY SOFT T.D. SOFT 40'  
 TOOL MODEL No. L-103 TOOL MODEL No. L-103 RESISTANCE DENSITY CALIPER  
 DIAMETER 2 1/8" DIAMETER 2 1/8"  
 DETECTOR MODEL No. GP-516 TYPE F  
 TYPE SCINT SCINT 13"  
 LENGTH 3" LENGTH

GENERAL  
 TRUCK No. 2 SOURCE MODEL 4002411 HOPE  
 LOCATION Campanell SIGHTING STRENGTH CS-137  
K1180 LOGGING DATA

GENERAL	GAMMA RAY				DENSITY					
RUN NO.	DEPTH	SPEED	T.C.	SENS.	ZERO	API	UNITS	T.C.	SENS.	ZERO
1	FROM	TO	FT/MIN	SEC	SETTING	PER	DIV	SEC	SETTING	
1	307	0	12	4	100	5	1	1	1K	

REMARKS

**R**



GAMMA RAY  
 C.R.S. 70



71-333

**LEXCO TESTING LTD. GAMMA-DENSITY - RESISTANCE**

700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA.

HOLE **QU-78-333** SURVEYED DATA

LOCATION **90.999 M** ELEV. **179.6 M**

AREA **QUINSAM EAST** LOC. **90.990.6 M**

PROVINCE **B.C. (L4) 71** 102.2517 M

DATE **04 JUN 78**

DEPTH-DRILLER **143'**

DEPTH-LOGGER **159'**

FLUID LEVEL **54.7061**

LOGGING TIME **1.31**

DRILLED BY **D. DUNBAR**

RECORDED BY **I. J. J. J.**

WITNESSED BY **R. M. M. M.**

BIT **5 7/8" SUBT** T.D. **6 1/2" SUBT** 13'

EQUIPMENT DATA

GAMMA RAY L-103 TOOL MODEL No. L-103 RESISTANCE L-103 DENSITY L-103 CALIPER L-103

DIAMETER 2 1/8" DIAMETER 2 1/8" ME 2 1/8"

DETECTOR MODEL No. CP-518 SCINT 18"

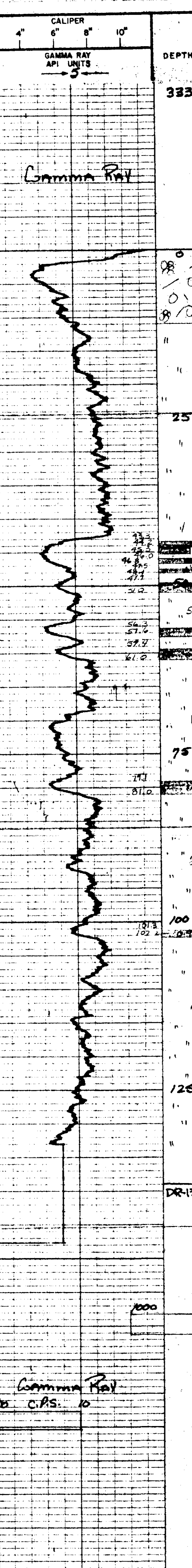
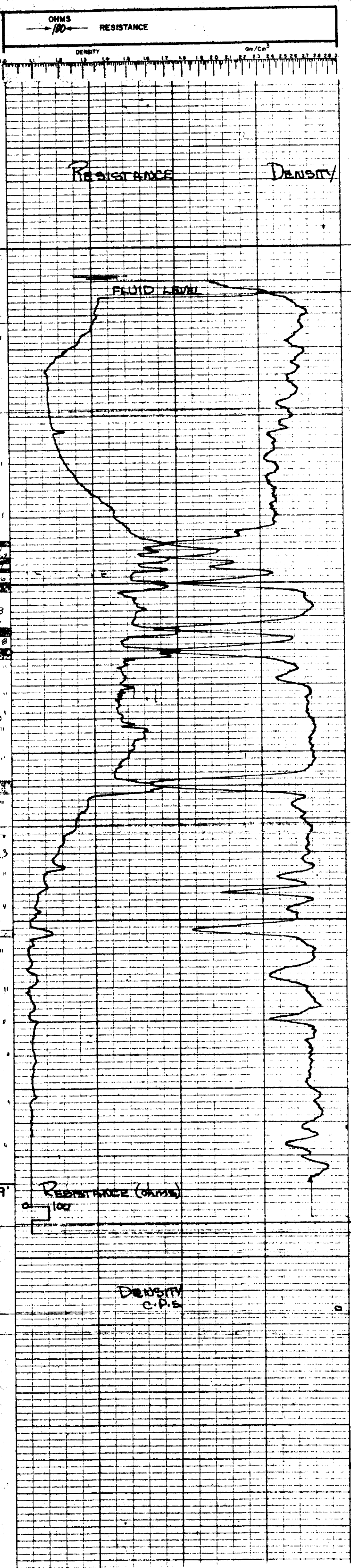
TYPE SCINT LENGTH 18"

TRUCK No. **2** HOR. SCALE **100 GPH**

LOCATION **(Copy of) KIVER** SOURCE MODEL **CS-137** HOVP **125 m.c.**

LOGGING DATA

REMARKS:



PC

78-336

**LEXCO TESTING LTD. GAMMA-DENSITY - RESISTANCE**

700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA.

HOLE **QU-78-336** SURVEYED DATA

LOCATION **97,000M SEC TP RGE W** ELEV. **1900**

AREA **QUINSAM EAST 91** LOC. **21396 #1**

PROVINCE **B.C. (S)** LOG. **54424**

DATE **Nov 7 1978**

DEPTH-DRILLER **285'**

DEPTH-LOGGER **201'**

FLUID LEVEL **18.5'**

LOGGING TIME **15:35**

DRILLED BY **J. DUNBAR**

RECORDED BY **J. DUNBAR**

WITNESSED BY **J. Macgregor**

BORE-HOLE RECORD

BY **SOFT** TO **SOFT**

EQUIPMENT DATA

GAUSSIA RAY **L-03** TOOL MODEL NO. **L-03** RESISTANCE **L-03** DENSITY **L-108** CALIPER

NO. MODEL NO. **2** DIAMETER **2 1/8"** TYPE **F** ME **L5**

DETECTOR MODEL NO. **CS-516** TYPE **F** ME **L5**

LENGTH **5'** LENGTH **HOV**

TRUCK NO. **2** HOV SCALE **HOV**

LOCATION **(S)** ISOTOPE **CS-137**

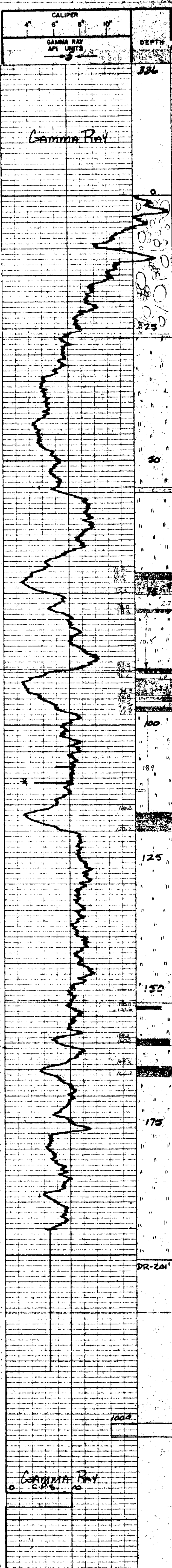
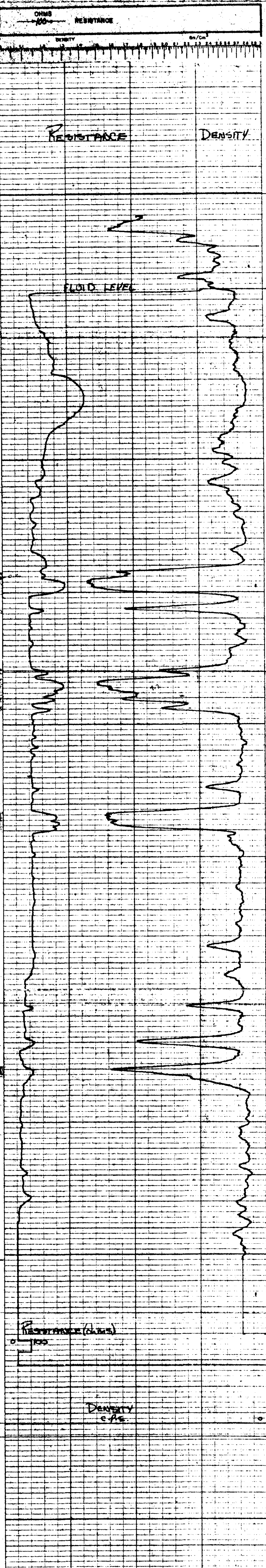
STRENGTH **128 mC**

LOGGING DATA

GENERAL

DEPTH FROM TO **0 12** T.C. SENS. ZERO **4** API UNITS PER DIV. **5** T.C. SENS. SETTINGS **1K**

REMARKS **\* ONIAN FAULTED**



DEPTH	RESISTANCE	DENSITY	GAMMA RAY API UNITS
0			
10			
20			
30			
40			
50			
60			
70			
80			
90			
100			
110			
120			
130			
140			
150			
160			
170			
180			
190			
200			

GAMMA RAY  
C.B.S.



78-334

**LEXCO. GAMMA-DENSITY - RESISTANCE TESTING LTD.**

700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA

HOLE QJ-78-334 SURVEYED DATA

LOCATION 9100004 SEC TP RGE W ELEV. 188.28M

AREA QUINSAM EAST LOC 9102755M

PROVINCE B.C. (L6) 101,744,974M

DATE NOV 1 1978

DEPTH-DRILLER 379

DEPTH-LOGGER 18

LOGGING TIME 1 hr 10 min

DRILLED BY H. M. GIBSON

RECORDED BY H. M. GIBSON

WITNESSED BY H. M. GIBSON

BIT 4 1/2" SURF T.D. 517 SURF 52

EQUIPMENT DATA

GAMMA RAY L-RT3

TOOL MODEL NO. L-RT3

DIAMETER 2 1/8"

DETECTOR MODEL NO. SCIN

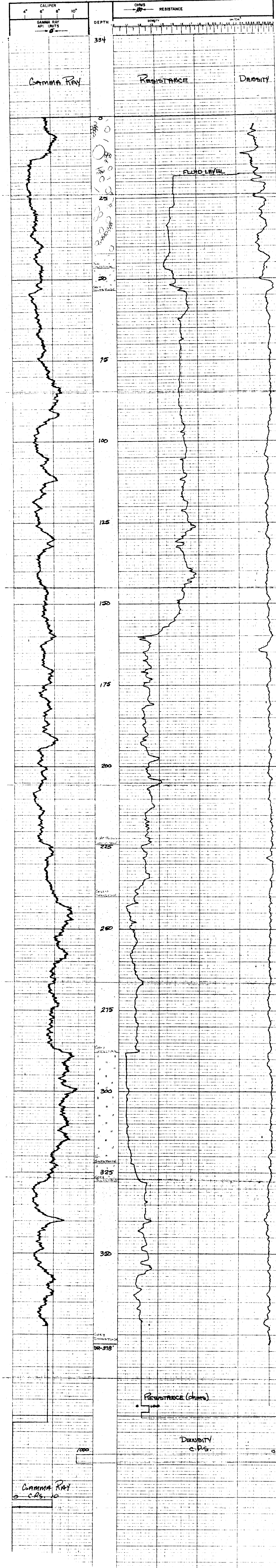
TRUCK No. 1005141

LOCATION QUINSAM EAST

GENERAL DATA

GENERAL DATA

REMARKS



334

25

75

100

125

150

175

200

225

250

275

300

318

325

330

334

FLUID LEVEL

Light Brown sandstone

Grey sandstone

Siltstone

DR-318'

Grey sandstone

1000

RESISTANCE (ohms)

DENSITY g/cm³

GAMMA RAY c.r.s.

7000

100

GAMMA RAY c.r.s.

0



78-335

**LEXCO TESTING LTD. GAMMA-DENSITY - RESISTANCE**

700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA

HOLE QU-78-335 SURVEYED DATA

LOCATION SEC TP RGE W ELEV 186.4

AREA QUINSAM EAST LOC. 32,052,384

PROVINCE B.C. (7) 71 102,869.6M

RUN No. Nov 2 1978

DATE Nov 2 1978

DEPTH-DRILLER 282'

DEPTH-LOGGER 282'

FLUID LEVEL 75 ft (70)

LOGGING TIME 1.5 hr (70)

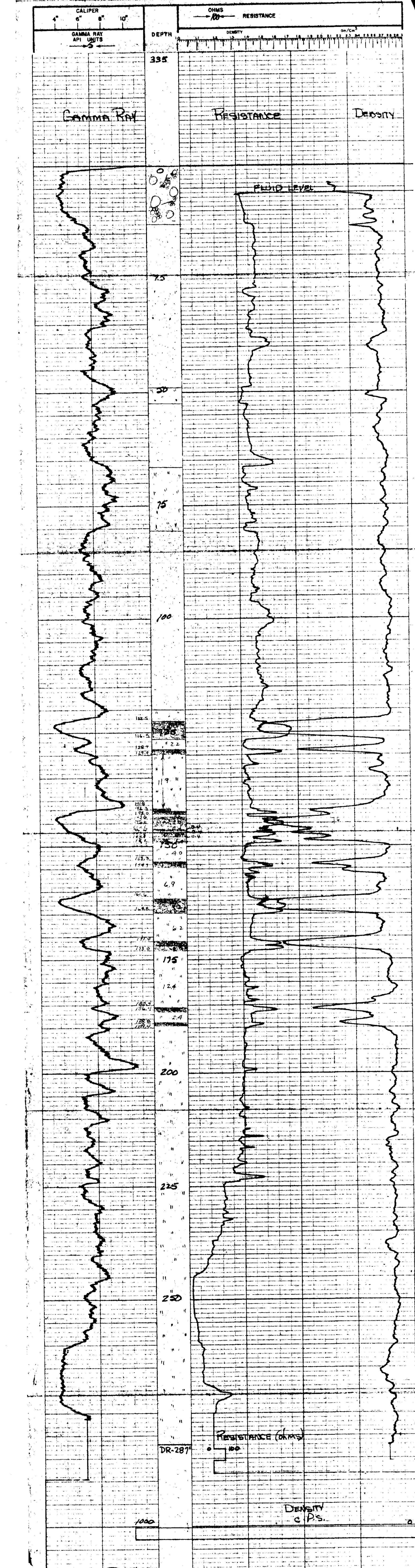
DRILLED BY J. BLAIR

RECORDED BY R. DUNBAR

WITNESSED BY R. DUNBAR

BIT 5 7/8" SUFT TD TD SIZE 6 7/8" FROM 300' TO 12'

GENERAL		GAMMA RAY		DENSITY	
API UNITS	PER DIV	T.C. SENS	ZERO	API UNITS	SEC SETTINGS
1	202	0	12	4	40
				5	1
					K



GAMMA RAY  
0 c.p.s. 10

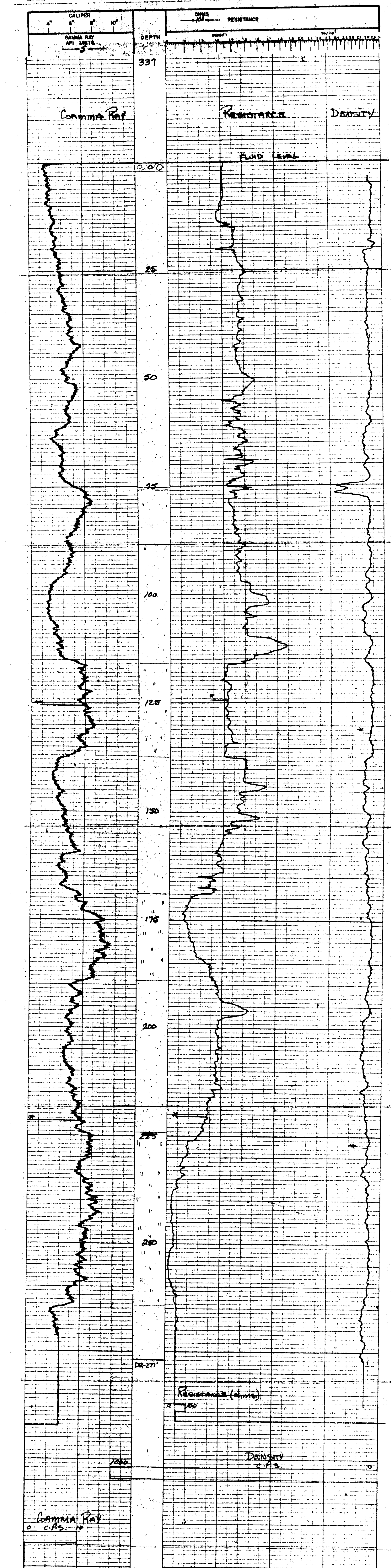


**LEXCO TESTING LTD. GAMMA-DENSITY - RESISTANCE**

700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA.

78-337

HOLE 00-78-337 SURVEYED DATA  
 LOCATION 92,000 W 1st, 1000 SEC 17 RGE W ELEV. 973  
 AREA QUINSMAN EAST LOC. 21.018, 114  
 PROVINCE B.C. (L8) 71 101, 824.5 M  
 RUN NO. 2  
 DATE Nov 1, 1988  
 DEPTH - DRILLER 280'  
 DEPTH - LOGGER 277'  
 FLUID LEVEL 277'  
 LOGGING TIME 7.5 hr. 106'  
 PDL LED BY H. J. J. J. J.  
 RECORDED BY K. J. J. J. J.  
 WITNESSED BY K. J. J. J. J.  
 BORE-HOLE RECORD TO 10 CASING RECORD TO 10  
 BIT FROM 10 SIZE 8 1/2" FROM 10 TO 20  
 EQUIPMENT DATA  
 GAMMA RAY TOOL MODEL No. L-103 TOOL MODEL No. L-103 RESISTANCE TOOL MODEL No. L-103 DENSITY TOOL MODEL No. L-103 CALIBER  
 DIAMETER 2 1/8" DIAMETER 2 1/8" DIAMETER 2 1/8" DIAMETER 2 1/8"  
 DETECTOR MODEL No. CP-516 TYPE ME ME 15  
 TYPE SCINT SCINT SRA-300  
 LENGTH 3' HIGH SCALE 0-100 g/cc MOVIP CS-137  
 TRUCK No. 2 SOURCE MODEL ISOFORE ISOFORE CS-137  
 LOCATION QUINSMAN EAST STRENGTH 125 m.c.



GAMMA RAY C.F.S. 10

22

78-334

**LEXCO TESTING LTD. GAMMA-DENSITY - RESISTANCE**

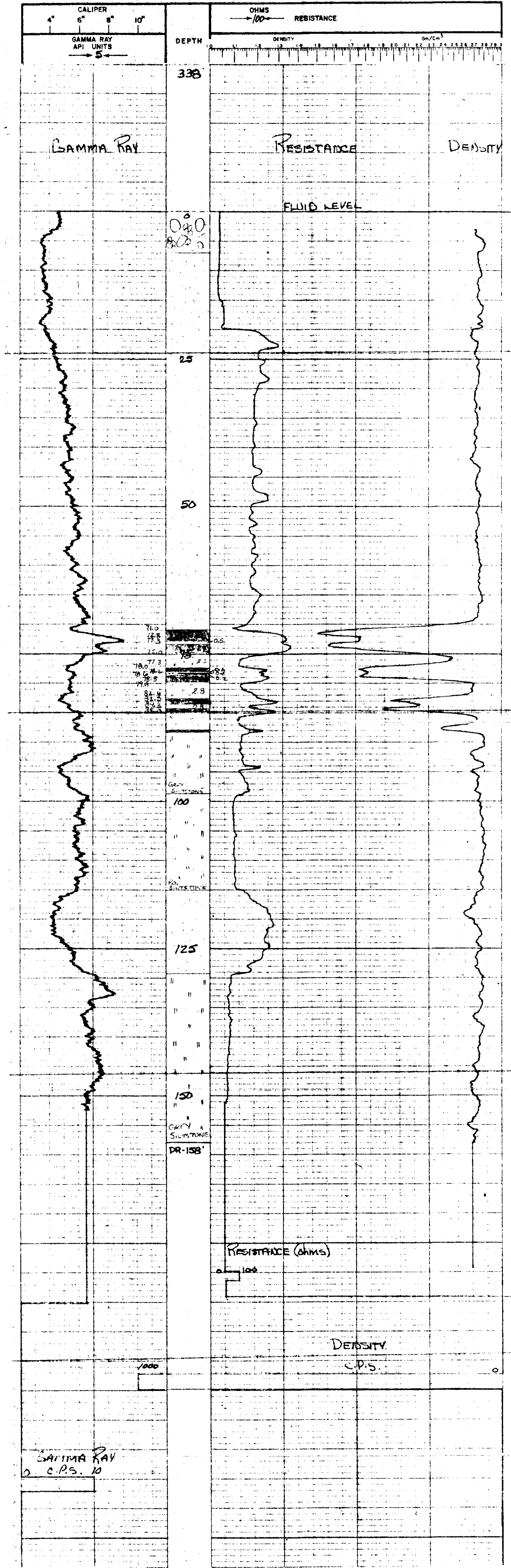
700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA

HOLE QU-78-338 SURVEYED DATA  
 LOCATION 7 1/2 km N. SEC. 18, T. 22 N. R. 24 W. ELEV. 208.24  
 AREA QUINSAM EAST LOC. 52, 625.74  
 PROVINCE B.C. (29) **71** 101, 922, 64, 27, 28

RUN No. 1  
 DATE NOV 8, 1978  
 DEPTH-DRILLER LD  
 DEPTH-LOGGER LSB  
 FLUID LEVEL  
 LOGGING TIME  
 DRILLED BY H. VINCENT  
 RECORDED BY P. DUNBAR  
 WITNESSED BY R. KINGSTON

BORE-HOLE RECORD  
 BIT FROM TO SIZE FROM TO  
4 1/2" SUT T.D. 5 1/2" SUT 20"

EQUIPMENT DATA				GAMMA RAY			
TOOL MODEL NO.	L-103	TOOL MODEL NO.	L-103	RESISTANCE	DENSITY	GALPHER	
DIAMETER	2 1/8"	DIAMETER	2 1/8"				
DETECTOR MODEL NO.	CF-516	TYPE	ME				
TYPE	SCINT	SPACING	13"				
LENGTH	5'	LENGTH	1'				
GENERAL				HOVP			
TRUCK No.	<u>2</u>	SOURCE MODEL	<u>1002111</u>				
LOCATION	<u>CAMPBELL RIVER</u>	ISOTOPE	<u>CS-137</u>				
LOGGING DATA				125 m.c.			
GENERAL				GAMMA RAY			
DEPTH	FROM	SPEED	T.C.	SENS.	ZERO	API UNITS	T.C.
No.	FROM	TO	Ft/min	SEC	SETTINGS	PER DIV	SEC
1	158'	0	12	4	100	5	1
							1K





78-339

LEXCO TESTING LTD. GAMMA-DENSITY - RESISTANCE

700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA.

HOLE QJ-78-339 SURVEYED DATA

LOCATION 9300M R. SEC. TP RGE W ELEV. 2277M

AREA QUINSAM EAST 71 LOC. 13,004.79 M

PROVINCE B.C. (L10) 71 101.792. DIM.

RUN No. 2

DATE May 9, 1978

DEPTH-DRILLER 25.7'

DEPTH-LOGGER 15.7/106.1

FLUID LEVEL 22.7'

LOGGING TIME 4.1/106.1

DRILLED BY P. QUINSAM

RECORDED BY R. QUINSAM

WITNESSED BY R. QUINSAM

BORE-HOLE RECORD

BY 4 1/2" SUIT TO 5 1/2" SUIT TO 20'

EQUIPMENT DATA

GAMMA RAY TOOL MODEL No. L-103 RESISTANCE TOOL MODEL No. L-103 CALIPER

DIAMETER 2 1/8" TYPE CP-516 ME 2 1/8" F 2 1/8"

DETECTOR MODEL No. CP-516 ME 13"

TRUCK No. 2

LOCATION CAMPBELL KIVER

LOGGING DATA

GENERAL SPEED T.C. SENS. ZERO API UNITS PER DIV. T.C. SENS. ZERO

DEPTHS FROM TO F/Min SEC SETTINGS

1 257 0 12 4 100 5 1 1K

REMARKS

22

339

RESISTANCE

DENSITY

GAMMA RAY

API UNITS

FLUID LEVEL

RESISTANCE (ohms)

DENSITY G.P.S.

GAMMA RAY G.P.S.

DR-257

1000

GREEN SILTSTONE

RED SHALE

200

175

150

125

100

75

50

25

0

4" 6" 8" 10"

OHMS

DENSITY gm/cm<sup>3</sup>

DEPTH

RESISTANCE

DENSITY

GAMMA RAY

API UNITS

FLUID LEVEL

RESISTANCE (ohms)

DENSITY G.P.S.

GAMMA RAY G.P.S.

DR-257

1000

GREEN SILTSTONE

RED SHALE

200

175

150

125

100

75

50

25

0

4" 6" 8" 10"

OHMS

DENSITY gm/cm<sup>3</sup>

DEPTH

RESISTANCE

DENSITY

GAMMA RAY

API UNITS

FLUID LEVEL

RESISTANCE (ohms)

DENSITY G.P.S.

GAMMA RAY G.P.S.

DR-257

1000

GREEN SILTSTONE

RED SHALE

200

175

150

125

100

75

50

25

0

4" 6" 8" 10"

OHMS

DENSITY gm/cm<sup>3</sup>

DEPTH

RESISTANCE

DENSITY

GAMMA RAY

API UNITS

FLUID LEVEL

RESISTANCE (ohms)

DENSITY G.P.S.

GAMMA RAY G.P.S.

DR-257

1000

GREEN SILTSTONE

RED SHALE

200

175

150

125

100

75

50

25

0

4" 6" 8" 10"

OHMS

DENSITY gm/cm<sup>3</sup>

DEPTH

RESISTANCE

DENSITY

GAMMA RAY

API UNITS

FLUID LEVEL

RESISTANCE (ohms)

DENSITY G.P.S.

GAMMA RAY G.P.S.

DR-257

1000

GREEN SILTSTONE

RED SHALE

200

175

150

125

100

75

50

25

0

4" 6" 8" 10"

OHMS

DENSITY gm/cm<sup>3</sup>

DEPTH

RESISTANCE

DENSITY

GAMMA RAY

API UNITS

FLUID LEVEL

RESISTANCE (ohms)

DENSITY G.P.S.

GAMMA RAY G.P.S.

DR-257

1000

GREEN SILTSTONE

RED SHALE

200

175

150

125

100

75

50

25

0

4" 6" 8" 10"

OHMS

DENSITY gm/cm<sup>3</sup>

DEPTH

RESISTANCE

DENSITY

GAMMA RAY

API UNITS

FLUID LEVEL

RESISTANCE (ohms)

DENSITY G.P.S.

GAMMA RAY G.P.S.

DR-257

1000

GREEN SILTSTONE

RED SHALE

200

175

150

125

100

75

50

25

0

4" 6" 8" 10"

OHMS

DENSITY gm/cm<sup>3</sup>

DEPTH

RESISTANCE

DENSITY

GAMMA RAY

API UNITS

FLUID LEVEL

RESISTANCE (ohms)

DENSITY G.P.S.

GAMMA RAY G.P.S.

DR-257

1000

GREEN SILTSTONE

RED SHALE

200

175

150

125

100

75

50

25

0

4" 6" 8" 10"

OHMS

DENSITY gm/cm<sup>3</sup>

DEPTH

RESISTANCE

DENSITY

GAMMA RAY

API UNITS

FLUID LEVEL

RESISTANCE (ohms)

DENSITY G.P.S.

GAMMA RAY G.P.S.

DR-257

1000

GREEN SILTSTONE

RED SHALE

200

175

150

125

100

75

50

25

0

4" 6" 8" 10"

OHMS

DENSITY gm/cm<sup>3</sup>

DEPTH

RESISTANCE

DENSITY

GAMMA RAY

API UNITS

FLUID LEVEL

RESISTANCE (ohms)

DENSITY G.P.S.

GAMMA RAY G.P.S.

DR-257

1000

GREEN SILTSTONE

RED SHALE

200

175

150

125

100

75

50

25

0

4" 6" 8" 10"

OHMS

DENSITY gm/cm<sup>3</sup>

DEPTH

RESISTANCE

DENSITY

GAMMA RAY

API UNITS

FLUID LEVEL

RESISTANCE (ohms)

DENSITY G.P.S.

GAMMA RAY G.P.S.

DR-257

1000

GREEN SILTSTONE

RED SHALE

200

175

150

125

100

75

50

25

0

4" 6" 8" 10"

OHMS

DENSITY gm/cm<sup>3</sup>

DEPTH

RESISTANCE

DENSITY

GAMMA RAY

API UNITS

FLUID LEVEL

RESISTANCE (ohms)

DENSITY G.P.S.

GAMMA RAY G.P.S.

DR-257

1000

GREEN SILTSTONE

RED SHALE

200

175

150

125

100

75

50

25

0

4" 6" 8" 10"

OHMS

DENSITY gm/cm<sup>3</sup>

DEPTH

RESISTANCE

DENSITY

GAMMA RAY

API UNITS

FLUID LEVEL

RESISTANCE (ohms)

DENSITY G.P.S.

GAMMA RAY G.P.S.

DR-257

1000

GREEN SILTSTONE

RED SHALE

200

175

150

125









78-342

**LEXCO TESTING LTD. GAMMA-DENSITY - RESISTANCE**

700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA

HOLE QU-78-342 SURVEYED DATA

LOCATION: SEC TP RGE W ELEV. 180.8M

AREA QUINSA M EAST 71 LOC. 21,502.7M

PROVINCE B.C. (L13) 71 102,313.4M

DATE NOV 10, 1978

DEPTH-DWELLER 8.5'

DEPTH-LOGGER 8.5'

FLUID LEVEL 8.5'

LOGGING TIME 1.15

DRILLED BY J. RAY

RECORDED BY D. DUNBAR

WITNESSED BY J. ROSSIGNOL

BIT 3 1/2" FROM TO SIZE 1 1/2" FROM TO

EQUIPMENT DATA

GAMMA RAY TOOL MODEL NO. L-103 RESISTANCE TOOL MODEL NO. L-103 DENSITY TOOL MODEL NO. L-103 CALIBER

DIAMETER 2 1/8" DIAMETER 2 1/8" DIAMETER 2 1/8"

DETECTOR MODEL NO. CS-516 TYPE MC TYPE F

TYPE SCINT SPACING 12" SPACING 12"

LENGTH 3' LENGTH 1' LENGTH 1'

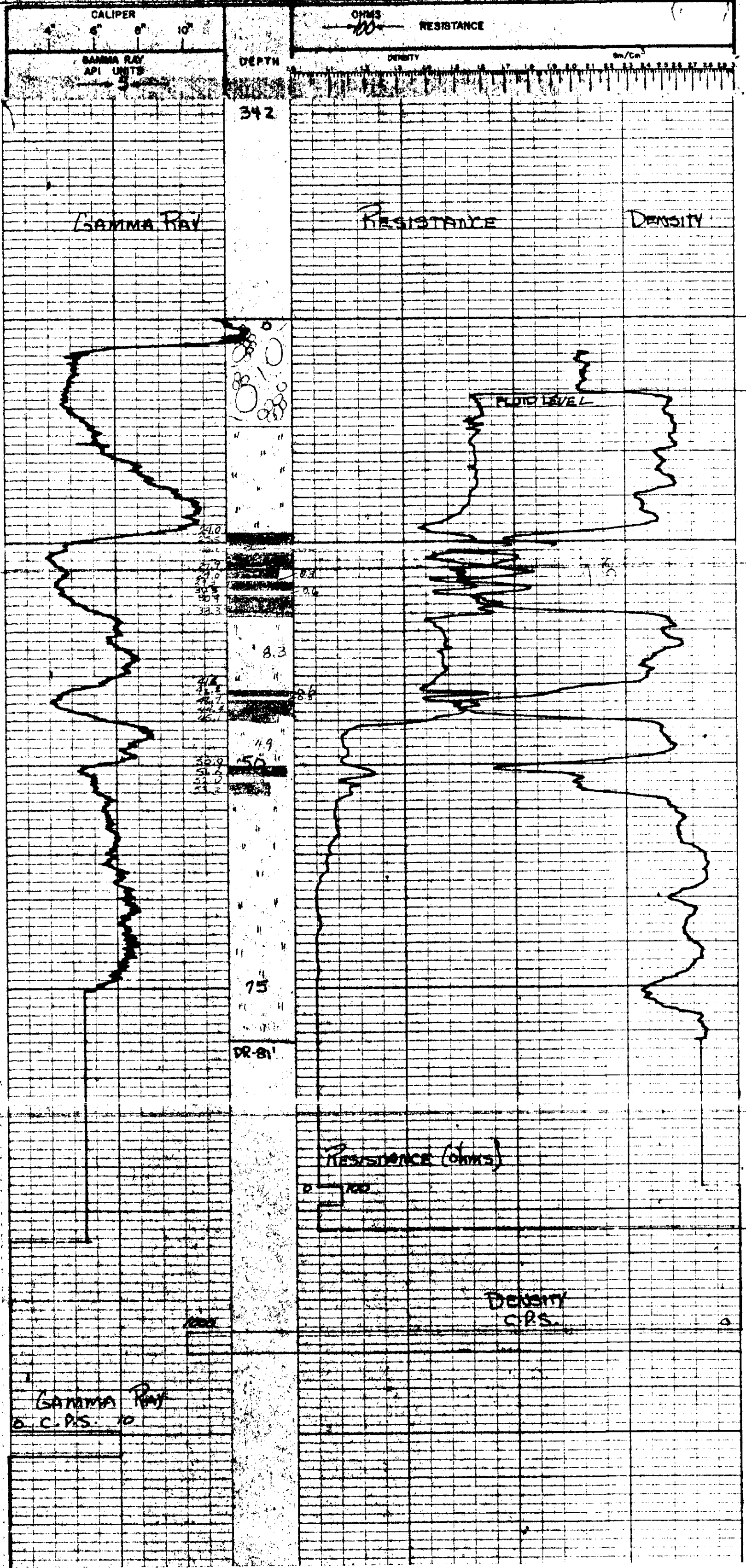
GENERAL TRUCK No. 2 HOV SCALE 100 SLIDER

LOCATION CAMPBELL RIVER SOURCE MODEL CS-137 HOVP

LOGGING DATA LOCATION CAMPBELL RIVER STRENGTH 125 m.c.

GENERAL		GAMMA RAY		RESISTANCE		DENSITY	
RUN No	DEPTHS FROM TO	SPEED RPM	T.C. SEC.	SENS ZERO	API UNITS PER DN	T.C. SEC.	SENS ZERO
1	0	12	4	100	5	1	1K

REMARKS: ELEV. 592'



DR

**LEXCO TESTING LTD. GAMMA-DENSITY - RESISTANCE**

700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA.

HOLE QU-78-343 SURVEYED DATA

LOCATION SEC 17 T1P R9E W ELEV. 601.8

AREA QUINSAM EAST LOC. 92, 304, 34

PROVINCE B.C. (L14) 71 102, 107, 6

DATE Nov 10, 1978

DEPTH-DRILLER 128'

FLUID LEVEL 5' 10" [10']

LOGGING TIME 5:45 AM [10:1]

DRILLED BY H. WILKETT

RECORDED BY D. DUNBAR

WITNESSED BY R. KONGSOMMA

BIT 4 1/2" Surf SIZE 5 1/2" CASING RECORD TO

EQUIPMENT DATA

GAMMA RAY TOOL MODEL NO. L-103 TOOL MODEL NO. L-103 RESISTANCE DENSITY CALIPER

DIAMETER 2 1/8" DIAMETER 2 1/8"

DEFLECTOR MODEL NO. CP-516 TYPE ME

TYPE SCINT SPRING 18"

LENGTH 5'

GENERAL HOR SCALE MOULDER HOVP

TRUCK No. CHAPPELL SOURCE MODEL CS-137

LOCATION CHAPPELL RIVER SERTOPRE 65-137

STRENGTH 125 M.C.

LOGGING DATA

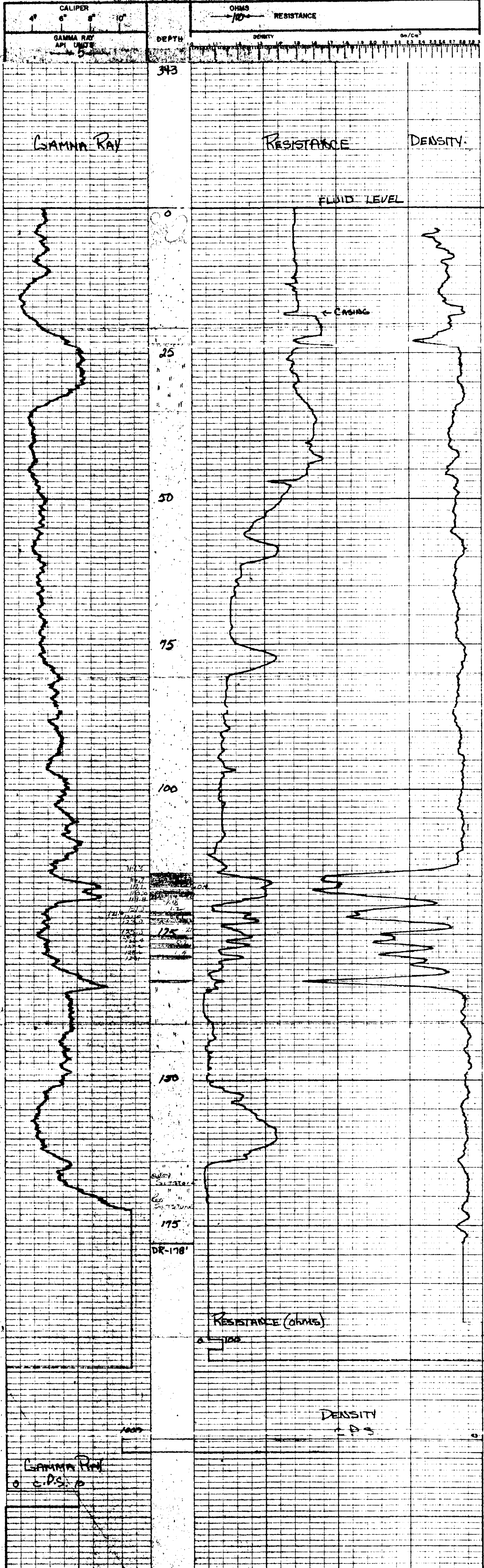
GENERAL GAMMA RAY DENSITY

RUN DEPTHS T.C. SENS. ZERO API UNITS T.C. SENS. ZERO

1 128 0 12 4 100 5 1 1K

REMARKS

PC



CALIPER 4 1/2" 5" 6" 7" 8" 9" 10"  
 GAMMA RAY API UNITS 5  
 OHMS RESISTANCE  
 DENSITY gm/cm³

DEPTH 343  
 GAMMA RAY  
 RESISTANCE  
 DENSITY

FLUID LEVEL  
 ← CASING

25  
 50  
 75  
 100  
 125  
 135  
 150  
 175  
 DR-178

RESISTANCE (ohms)  
 0 100  
 DENSITY  
 1.8 2.4

GAMMA RAY  
 0 C.P.S. 0



78-344

**LEXCO TESTING LTD. GAMMA-DENSITY - RESISTANCE**

700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA

HOLE QD-78-344 SURVEYED DATA

LOCATION SEC TP RGE W ELEV. 20964

AREA QUINSMAN EAST LOC. 22.164.14

PROVINCE B.C. (L15) 71 102.15194

DATE Nov 11, 1978

DEPTH-ORILLER 120'

DEPTH-LOGGER 118'

FLUID LEVEL 5 ft Total

LOGGING TIME 9:15

DRILLED BY H. WILSON

RECORDED BY P. DUNBAR

WITNESSED BY R. KENNEDY

BIT 4 1/2" SILEX TO TD SIZE 5 1/4" SUFF TO 20'

EQUIPMENT DATA

GAMMA RAY TOOL MODEL No. L-103 RESISTANCE TOOL MODEL No. L-103 DENSITY TOOL MODEL No. L-103 CALIPER

DIAMETER 2 1/8" DIAMETER 2 1/8" DIAMETER 2 1/8"

DETECTOR MODEL No. GP-516 TYPE ME ME F

TYPE SCINT SPACING 43"

LENGTH 3" LENGTH 1"

GENERAL TRUCK No. 2 SOURCE MODEL 1000 LBR HOVP

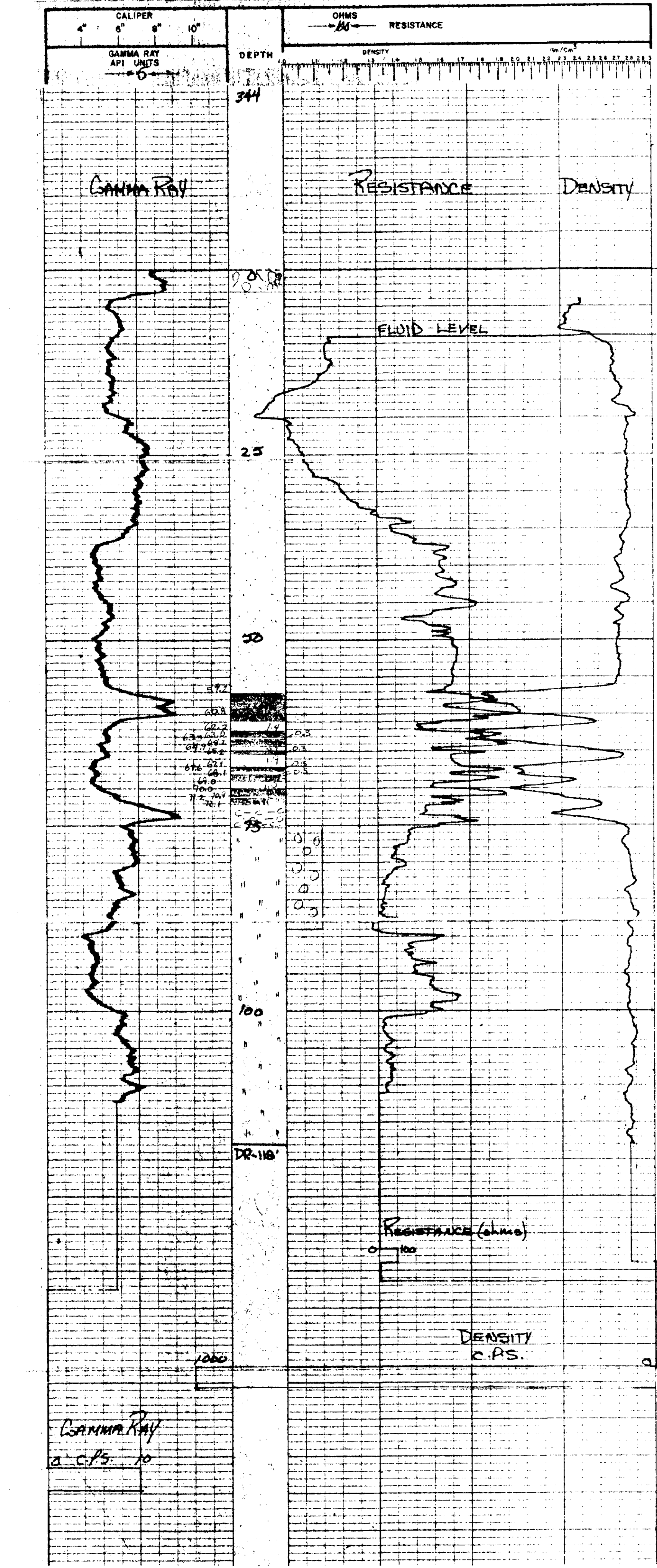
LOCATION Calverley ISOTOPE CS-137 CS-137

LOGGING DATA STRENGTH 125 m.c.

GENERAL	GAMMA RAY				DENSITY			
DEPTH	SPED	T C	SENS	ZERO	API UNITS	T C	SENS	ZERO
NO	FROM	TO	F/PM	SEC	PER DIV.	SEC	SETTINGS	
1	118	0	12	4	100	5	1	1K

REMARKS

**3**





78-345

**LEXCO TESTING LTD. GAMMA-DENSITY - RESISTANCE**

700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA

HOLE QU-78-345 SURVEYED DATA

LOCATION SEC TP RGE W ELEV. 132.14

AREA QUINSAM EAST LOC. 324873M

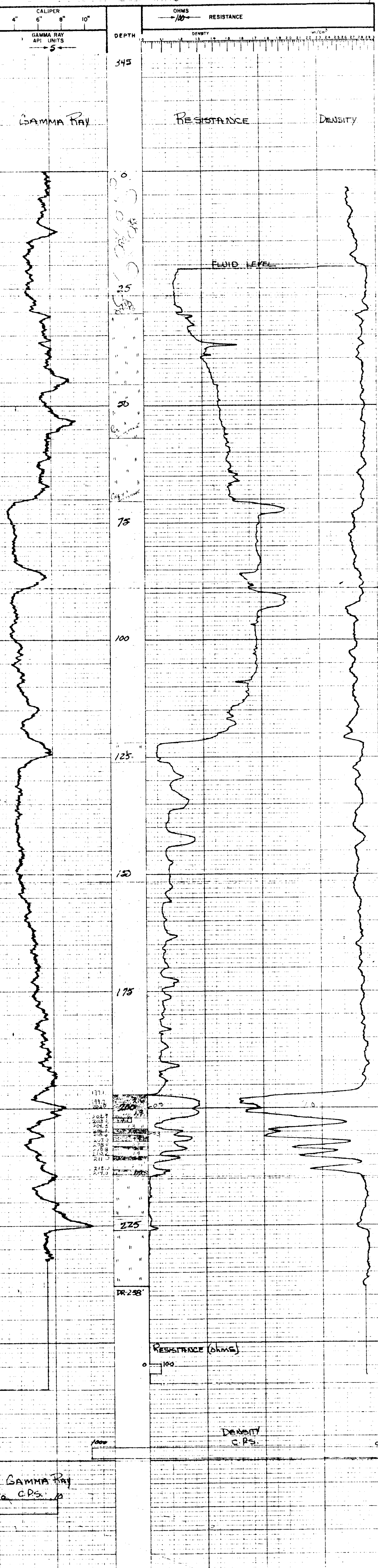
PROVINCE B.C. (L16) 71 102.1673M

DATE MAY 12, 1978  
 DEPTH - DRILLER 2405  
 DEPTH - LOGGER 248  
 FLUID LEVEL 21'  
 LOGGING TIME 75 hr 1001  
 DRILLED BY H. WICKERT  
 RECORDED BY D. QUINBAR  
 WITNESSED BY R. KERRICK

BIT 4 1/2" SUFF CASING RECORD TO 32'  
 FROM TD SITE FROM TO

GENERAL		GAMMA RAY		RESISTANCE		DENSITY		CALIPER	
TOOL MODEL NO.	L-103	TOOL MODEL NO.	L-103	RESISTANCE	L-103	DENSITY	L-103	CALIPER	
DIAMETER	2 1/8"	DIAMETER	2 1/8"		2 1/8"		2 1/8"		
DETECTOR MODEL NO.	CS-316	DETECTOR MODEL NO.	CS-316		CS-316		CS-316		
TYPE	SCINT	SPACING	13"		13"		13"		
LENGTH	3'	HOR. SCALE	1000/dk		1000/dk		1000/dk		
TRUCK No.	2	SOURCE MODEL							
LOCATION	Cambsel River	ISOTOPE	CS-137		CS-137		CS-137		
		STRENGTH	125 m.c.		125 m.c.		125 m.c.		

GENERAL		GAMMA RAY		RESISTANCE		DENSITY		CALIPER	
RUN No.	FROM TO	SPEED F1/m	T.C. SEC	SPNS PER DIV	ZERO	API UNITS	T.C. SEC	SPNS PER DIV	ZERO
1	238' 0	12	4	100	5	1	1	1	1K



GAMMA RAY  
 C.P.S.

20

78-346

**LEXCO TESTING LTD. GAMMA-DENSITY - RESISTANCE**

700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA.

HOLE **QU-78-346** SURVEYED DATA

LOCATION **SEC TP RGE W** ELEV. **21124**

AREA **QUINSAM EAST** LOC. **12510214**

PROVINCE **B.C. (L17) 71** LOG. **4714**

RUN NO. **1** 2 3

DATE **NOV 14 1978**

DEPTH-DRILLER **320'**

DEPTH-LOGGER **378'**

FLUID LEVEL **34'**

LOGGING TIME **1 1/2 HRS**

DRILLED BY **H. YOUNG**

RECORDED BY **R. WATSON**

WITNESSED BY **R. WATSON**

BORE-HOLE RECORD

BIT FROM TO SITE FROM TO

4 1/2' **SALT** T.D. **512'** **SALT** 95'

EQUIPMENT DATA

GAMMA RAY L-103 TOG MODEL NO. L-103 RESISTANCE L-103 DENSITY CALIPER

TOOL MODEL NO. L-103 DIAMETER 2 1/8" NE

DIAMETER MODEL NO. CG-516 TYPE F LENGTH 13'

DETECTOR MODEL NO. SCINT 3" HOPE SCALE 1000/DIV HOPE CS-137

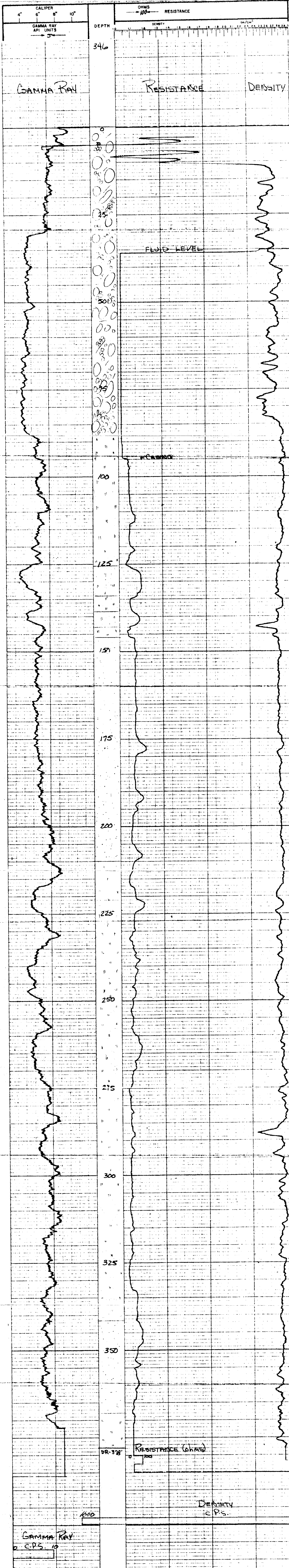
LENGTH GENERAL HOPE SCALE SOURCE MODEL LOGILOGE CS-137

TRUCK No. **CAMARTEL** LOCATION **KILBICK** LOGGING DATA

GENERAL LOGGING DATA

DEPTH FROM TO SPEED FROM TO T.C. SENS. ZERO API UNITS T.C. SENS. ZERO

REMARKS



PC



**LEXCO TESTING LTD. GAMMA-DENSITY - RESISTANCE**

700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA

HOLE QJ-78-347 SURVEYED DATA

LOCATION SEC 7P RGE W ELEV. 2287

AREA QUINSAM EAST LOC. 3172.21M

PROVINCE B.C. (L18) 71 LOG. 16/7/74

DATE NOV 14 1978

DEPTH-DRILLER 21'

DEPTH-LOGGER 21'

FLUID LEVEL 75' - 76'

LOGGING TIME 1:51

DRILLED BY J. B. BARR

RECORDED BY R. DUNBAR

WITNESSED BY R. KONGSBAK

BIT 5 7/8" SUB-T CASING RECORD

BORE-HOLE RECORD T.O. SIZE 6 1/2" FROM SUR-T TO 45'

EQUIPMENT DATA

GAMMA RAY TOOL MODEL No. L-103 RESISTANCE TOOL MODEL No. L-103 DENSITY TOOL MODEL No. L-103 CALIPER

DIAMETER 2 1/8" DETECTOR MODEL No. GF-516 TYPE ME DIAMETER 2 1/8"

SCINT SPACING LENGTH 1"

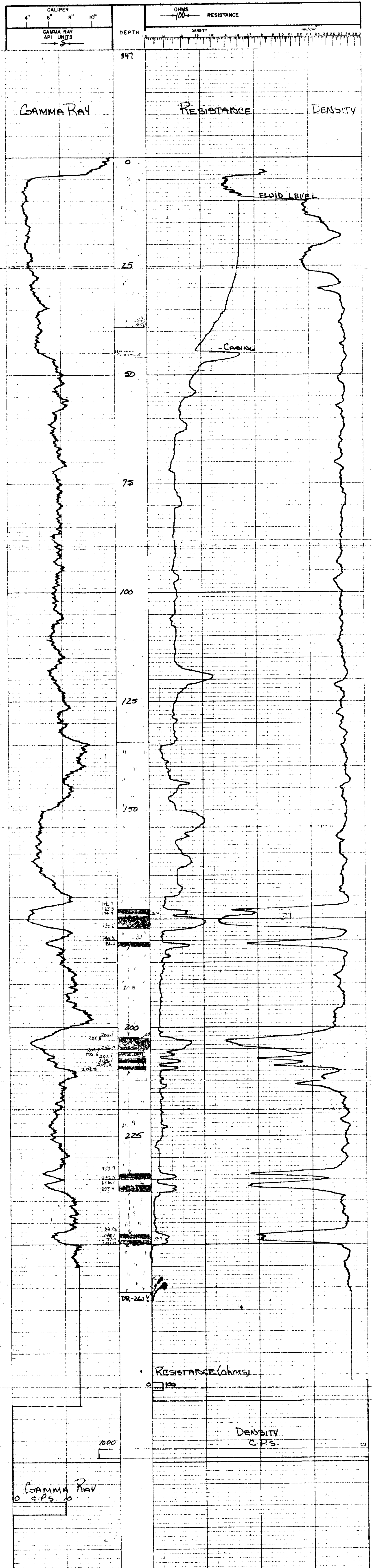
GENERAL TRUCK No. CAMPBELL HOR. SCALE 100RDLR NOV. P

LOCATION KIVIER LOGGING DATA

GENERAL DEPTHS TO FTM/SEC. T.C. SENS. ZERO GAMMA RAY API UNITS PER DIV. T.C. SENS. ZERO

MARKS

PC





28-348

**LEXCO TESTING LTD. GAMMA-DENSITY - RESISTANCE**

200 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA.

HOLE **QU-78-348** SURVEYED DATA

LOCATION **SEC TP RGE W** ELEV. **2027.874**

AREA **QUINSM EAST** LOC. **33.91874**

PROVINCE **B.C. (119) 71** 102 499 904

DATE **11/15/87**

DEPTH - DRILLER **298**

DEPTH - LOGGER **298**

FLUID LEVEL **117' (181)**

LOGGING TIME **11:15 AM**

LOGGED BY **H. VANCE**

RECORDED BY **D. DAVENPORT**

WITNESSED BY **R. STEPHENSON**

SONE-HOLE RECORD FROM TO

ENT. FROM TO

ENT. FROM TO

ENT. FROM TO

ENT. FROM TO

ENT. FROM TO

ENT. FROM TO

OHMS RESISTANCE

DENSITY gm/cm<sup>3</sup>

GAMMA RAY API UNITS

DEPTH

348

0

25

50

75

100

125

150

175

200

225

250

275

300

325

348

375

400

425

450

475

500

525

550

575

600

625

650

675

700

725

750

775

800

825

850

875

900

925

950

975

1000

1025

1100

1150

1200

1250

1300

1350

1400

1450

1500

1550

1600

1650

1700

1750

1800

1850

1900

1950

2000

2050

2100

2150

2200

2250

2300

2350

2400

2450

2500

2550

2600

2650

2700

2750

2800

2850

2900

2950

3000

3050

3100

3150

3200

3250

3300

3350

3400

3450

3500

3550

3600

3650

3700

3750

3800

3850

3900

3950

4000

4050

4100

4150

4200

4250

4300

4350

4400

4450

4500

4550

4600

4650

4700

4750

4800

4850

4900

4950

5000

5050

5100

5150

5200

5250

5300

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5850

5900

5950

6000

6050

6100

6150

6200

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6700

6750

6800

6850

6900

6950

7000

7050

7100

7150

7200

7250

7300

7350

7400

7450

7500

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7600

7650

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7800

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7900

7950

8000

8050

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8150

8200

8250

8300

8350

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8850

8900

8950

9000

9050

9100

9150

9200

9250

9300

9350

9400

9450

9500

9550

9600

9650

9700

9750

9800

9850

9900

9950

10000

10050

10100

10150

10200

10250

10300

10350

10400

10450

10500

10550

10600

10650

10700

10750

10800

10850

10900

10950

11000

11050

11100

11150

11200

11250

11300

11350

11400

11450

11500

11550

11600

11650

11700

11750

11800

11850

11900

28-350

**LEXCO TESTING LTD. GAMMA-DENSITY - RESISTANCE**

700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA

HOLE QU-7B-350 SURVEYED DATA

LOCATION SEC TP RGE W ELEV. 208.8m

AREA QUINSAM EAST LOC 43.999 BM

PROVINCE B.C. L2071 102.259.414

DATE Nov 16, 1978

DEPTH-DRILLER 140'

DEPTH-LOGGER 152'

FLUID LEVEL 5 ft. total

LOGGING TIME H. JUNCET

DRILLED BY D. QUINBERG

RECORDED BY R. KONGSLAN

WITNESSED BY

BORE-HOLE RECORD

BIT 4 1/2" SURF TO T.D. SIZE 3 1/2" SURF TO 4 1/2"

EQUIPMENT DATA

GAMMA RAY TOOL MODEL NO. L-103 TOOL MODEL NO. L-103 RESISTANCE TOOL MODEL NO. L-103 DENSITY TOOL MODEL NO. L-103 CALIPER

DIAMETER 2 1/8" DIAMETER 2 1/8" DIAMETER 2 1/8" DIAMETER 2 1/8"

DETECTOR MODEL NO. CF-516 TYPE F TYPE F TYPE F TYPE F

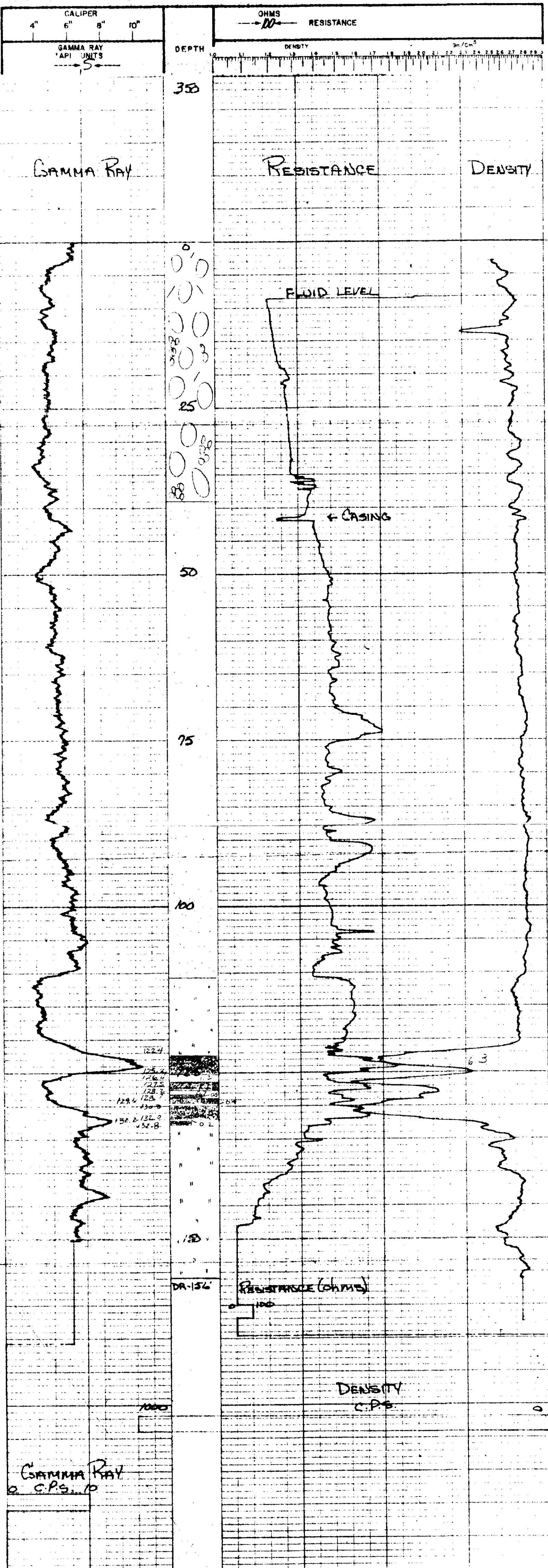
SCINT SCINT SCINT SCINT SCINT SCINT SCINT SCINT

GENERAL TRUCK No. 2 HOR. SCALE 100 R/L

LOCATION CAMPBELL RIVER LOGGING DATA

GENERAL	GAMMA RAY	RESISTANCE	DENSITY	ZERO
DEPTH	SPEED	T.C.	SENS. ZERO	API UNITS
NO. FROM	TO	F/Min	SEC. SETTINGS	PER DIV
1	151'	0	12	4
			100	5
				1
				1K

PC



















71-329

LEXCO TESTING LTD. GAMMA-DENSITY - RESISTANCE

700 ROYAL TRUST TOWER, EDMONTON CENTRE, EDMONTON, ALBERTA

HOLE Q11-78-329 SURVEYED DATA

LOCATION Beverly Hill SEC 4 TP RGE W ELEV. 889

AREA Beverly Hill LOC. 823 422

PROVINCE BC 10,5692

DATE Oct 29 1978

DEPTH-DRILLER 310

DEPTH-LOGGER 310

LOGGING TIME 1:00

RECORDED BY J. B. V.

WITNESSED BY R. Thompson

BIT FROM Drilled with mud

SIZE FROM Drilled with mud

EQUIPMENT DATA

GAMMA RAY L-833 TOOL MODEL NO. L-103

QUANTIFIER MODEL NO. 2 1/8" DIAMETER

TYPE 2 1/8" TYPE ME

SCANT LENGTH 1' 10"

TRUCK NO. 2

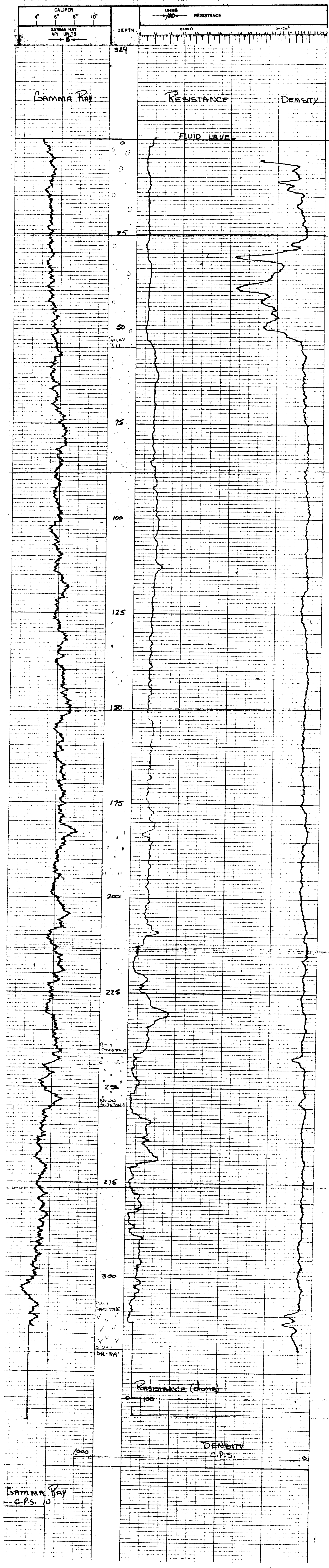
LOCATION Q11-78-329

LOGGING DATA

GENERAL

REMARKS

PC



Gamma Ray G.P.S.