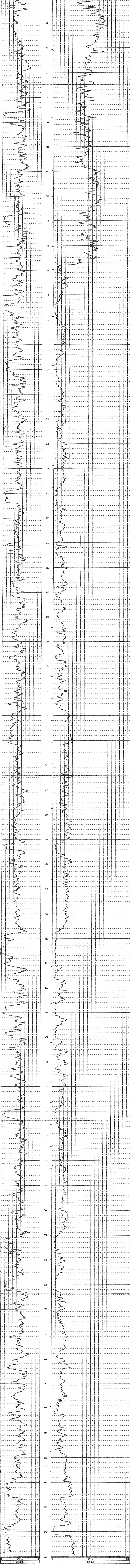


Century

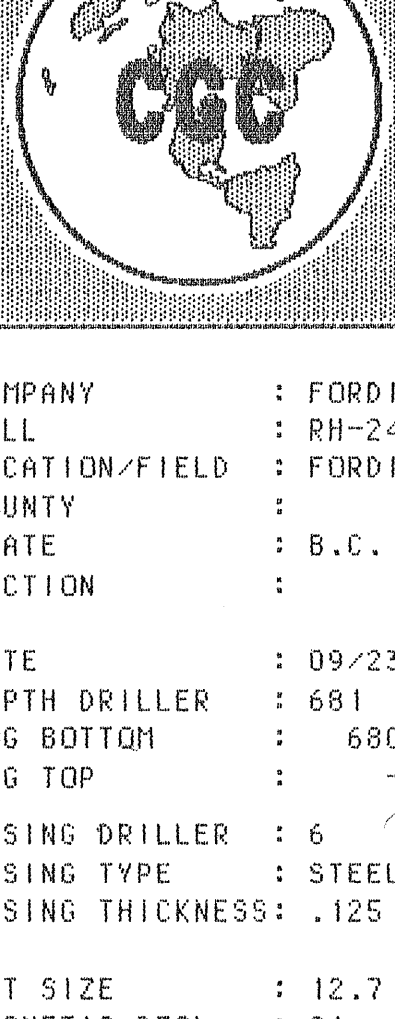
GAMMA-NEUTRON

COMPANY : FORDING COAL LTD	OTHER SERVICES: 9067	
WELL : RH-2411	9055	
LOCATION/FIELD : FORDING RIVER MINE	9030	
COUNTY :		
STATE : B.C.		
SECTION :		
DATE : 09/22/93	TOWNSHIP :	RANGE :
DEPTH DRILLER : 681	PERMANENT DATUM : GL	ELEVATIONS
LOG BOTTOM : 680.32	ELEV. PERM. DATUM: KR :	
LOG TOP : 0.26	LOG MEASURED FROM: GL	DF :
	DRL MEASURED FROM: GL	GL :
CASING DRILLER : 6	LOGGING UNIT : 8902	
CASING TYPE : STEEL	FIELD OFFICE : CALGARY	
CASING THICKNESS: .125	RECORDED BY : T. LEHUCKYJ	
BIT SIZE : 12.7	BOREHOLE FLUID : WATER	FILE : ORIGINAL
MAGNETIC DECL. : 21	RH TEMPERATURE : 0	TYPE : 9067A
FLUID DENSITY : 1.0	MATRIX DELTA T : 175	LOG : 5
NEUTRON MATRIX : SANDSTONE	FLUID DELTA T : 690	PLOT : TESTHOLE 1
REMARKS :		THRESH: 1000
THROUGH RODS :		

ALL SERVICES PROVIDED SUBJECT TO STANDARD TERMS AND CONDITIONS



TOOL CALIBRATION			TOOL = 9067A	SERIAL NUMBER = 514		
CAL-DATE	CAL-TIME	SREC	SENSOR	RESPONSE	STANDARD	
0	09/03/93	13:13:24	0	GAMMA	0.000 CPS	0.000 API-GR
1	09/03/93	13:13:24	0	GAMMA	0.000 CPS	0.000 API-GR
2	09/03/93	13:23:22	0	NEUTRON	102.000 CPS	271.000 API-N
3	09/03/93	13:13:24	0	NEUTRON	0.000 CPS	0.000 API-N

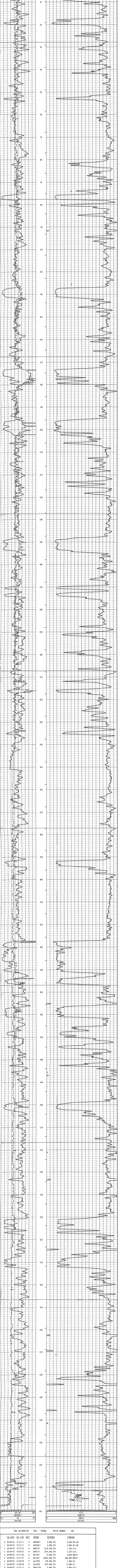


Century

GAMMA-RES-DENSITY

COMPANY : FORDING COAL LTD	OTHER SERVICES: 9067	
WELL : RH-2411	9055	
LOCATION/FIELD : FORDING RIVER MINE	2411	
COUNTY :	9050	
STATE : B.C.		
SECTION :		
DATE : 09/23/93	TOWNSHIP :	RANGE :
DEPTH DRILLER : 681	PERMANENT DATUM : GL	ELEVATIONS
LOG BOTTOM : 680.56	ELEV. PERM. DATUM: KB :	
LOG TOP : -14	LOG MEASURED FROM: GL	OF :
CASING DRILLER : 6	DRL MEASURED FROM: GL	GL :
CASING TYPE : STEEL	LOGGING UNIT : 8902	
CASING THICKNESS : .125	FIELD OFFICE : CALGARY	
	RECORDED BY : T. LEWICKYJ	
BIT SIZE : 12.7	BOREHOLE FLUID : WATER	FILE : ORIGINAL
MAGNETIC DECL. : 21	RH : 0	TYPE : 9030AR
MATRIX DENSITY : 2.68	RH TEMPERATURE : 0	LOG : 7
FLUID DENSITY : 1.0	MATRIX DELTA T : 173	PLOT : TESTHOLE 1
NEUTRON MATRIX : SANDSTONE	FLUID DELTA T : 690	THRESH: 1000
REMARKS :		
OPEN HOLE :		

ALL SERVICES PROVIDED SUBJECT TO STANDARD TERMS AND CONDITIONS



TOOL CALIBRATION TOOL = 90306A SERIAL NUMBER = 440

CAL-DATE	CAL-TIME	SRC	SENSOR	RESPONSE	STANDARD
0	09/08/93 13:22:11	0	GAMMA	0.000 CPS	0.000 API-GR
1	09/08/93 13:22:11	0	GAMMA	0.000 CPS	0.000 API-GR
2	09/09/93 14:17:57	0	DENSITY	5218.700 CPS	1.106 G/CC
3	09/09/93 14:35:32	0	DENSITY	2079.600 CPS	2.120 G/CC
4	09/08/93 14:11:56	0	RES(16)	74.400 CPS	0.000 OHM-H
5	09/08/93 14:27:23	0	RES(16)	66941.500 CPS	800.000 OHM-H
6	09/08/93 13:49:30	0	CAL PER	299.100 CPS	7.600 CM
7	09/08/93 13:49:30	0	CAL PER	1872.500 CPS	17.800 CM
8	09/08/93 13:22:11	0	DENSITY	0.000 CPS	0.000 G/CC
9	09/08/93 13:22:11	0	DENSITY	0.000 CPS	0.000 G/CC
10	09/08/93 13:22:11	0	CAL PER	0.000 CPS	0.000 CM
11	09/08/93 13:22:11	0	CAL PER	0.000 CPS	0.000 CM

ROKE

GAMMA RAY NEUTRON LOG
DENSLOG

OIL ENTERPRISES LTD. CALGARY, ALBERTA
COMPANY: ROKING COAL LIMITED
WELL: RI 24-13
FIELD: ELKBERD
LOCATION: FORDING RIVER HIRE

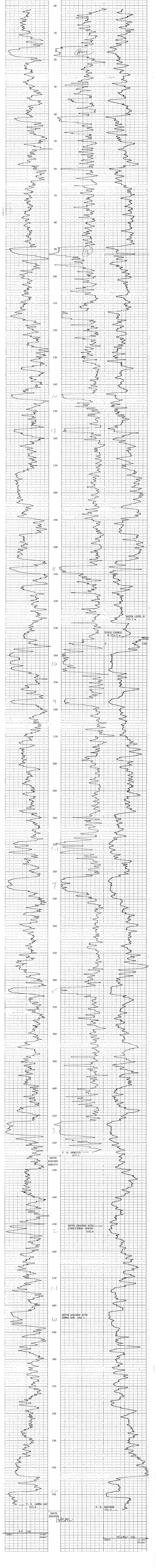
FILE NO. _____
LSD SEC _____
TYPE _____
PROVINCE: BRITISH COLUMBIA
LOCALITY: GROUND LEVEL
Permanent Datum: GROUND LEVEL
Last Measured from: GROUND LEVEL
Date: 30 AUGUST 1993
Time: 08:15
Run No. & LOG TYPE: 081 (GR-N)
Date: 30 AUGUST 1993
Time: 08:15

Operator: _____
Tool No.: _____
Operation Time: 01:00 - 03:10
Tool Serial No.: _____

Recorded By: MURRAY
Witnessed By: MISTL

EQUIPMENT DATA			
RUN NO.	ONE	RUN NO.	ONE
TOOL MODEL NO.	125A	LOG TYPE	NEUTRON/NEUTRON
DIAMETER	32 mm	TOOL MODEL NO.	125A
DETECTOR MODEL NO.	SCINTILLATION	DIAMETER	32 mm
TYPE	SCINTILLATION	DETECTOR MODEL NO.	125A
LENGTH	10 cm	TYPE	PROPORTIONAL
DISTANCE TO N. SOURCE	2.15 m	LENGTH	15 cm
GENERAL		SOURCE MODEL NO.	MRC-NSS-W
HOIST TRUCK NO.	51	SERIAL NO.	171
INSTRUMENT TRUCK NO.	51	TYPE	AmBe
TOOL SERIAL NO.	125A008	STRENGTH	3 CURRIES

LOGGING DATA					
GENERAL		GAMMA RAY		NEUTRON	
RUN NO.	FROM	DEPTH	SPEED	T.C.	SENS
GR-N	0	233.2	6.5	SEC.	SETTINGS
GR-N	233.2	555.8	6.5	DIV.	L OR R
DENS	1.0	423.5	9.1	PER LOG DIV.	PER LOG DIV.
REMARKS: GAMMA RAY - NEUTRON LOGGED THROUGH THE DRILL RODS.				N/C 4.2(7)	
				N/C 4.2(5)	



0 80 100 200 300 400 500 550 DEPTH REACHED

1.30 1.40 1.50 1.60 1.70 1.80 1.90 2.00 2.10 2.20 2.30 2.40 2.50 2.60 2.70 2.80

WATER LEVEL @ 233.2 m

SCALE CHANGE @ 233.2 m

F. R. DENSITY 423.5

F. R. NEUTRON 555.8

DEPTH REACHED WITH DIRECTIONAL SURVEY 450.8

DEPTH REACHED WITH DUMMY RUN 486.2

GAMMA RAY INCREASES

NEUTRON INCREASES

GAMMA RAY

NEUTRON

DENSITY TOOL #247

BULK DENSITY (GRAMS/CC)

GAMMA RAY

NEUTRON

0 80 100 200 300 400 500 550 DEPTH REACHED

1.30 1.40 1.50 1.60 1.70 1.80 1.90 2.00 2.10 2.20 2.30 2.40 2.50 2.60 2.70 2.80

WATER LEVEL @ 233.2 m

SCALE CHANGE @ 233.2 m

F. R. DENSITY 423.5

F. R. NEUTRON 555.8

DEPTH REACHED WITH DIRECTIONAL SURVEY 450.8

DEPTH REACHED WITH DUMMY RUN 486.2

GAMMA RAY INCREASES

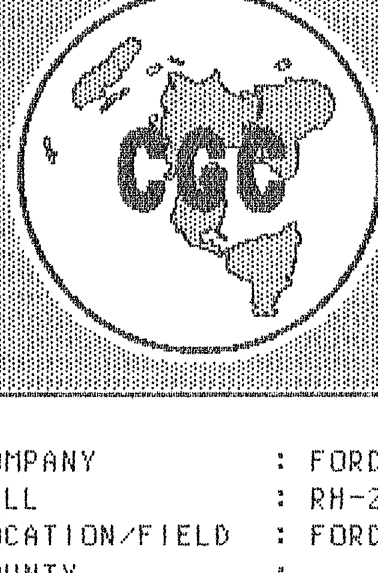
NEUTRON INCREASES

GAMMA RAY

NEUTRON

DENSITY TOOL #247

BULK DENSITY (GRAMS/CC)

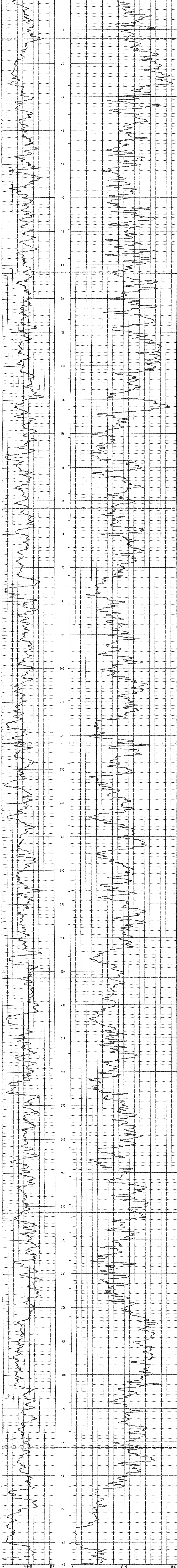


Century

GAMMA-NEUTRON

COMPANY : FORDING COAL LTD	OTHER SERVICES:
WELL : RH-2414	9067
LOCATION/FIELD : FORDING RIVER MINE	9055
COUNTY :	9030
STATE : B.C.	
SECTION :	TOWNSHIP : RANGE :
DATE : 09/25/93	PERMANENT DATUM : GL ELEVATIONS
DEPTH DRILLER : 468	ELEV. PERM. DATUM: KB :
LOG BOTTOM : 466.36	LOG MEASURED FROM: GL DF :
LOG TOP : -1.36	DRL MEASURED FROM: GL GL :
CASING DRILLER : 6	LOGGING UNIT : 8902
CASING TYPE : STEEL	FIELD OFFICE : CALGARY
CASING THICKNESS: .125	RECORDED BY : T. LEWICKYJ
BIT SIZE : 12.7	BOREHOLE FLUID : WATER FILE : ORIGINAL
MAGNETIC DECL. : 21	RM : 0 TYPE : 9067A
MATRIX DENSITY : 2.68	RM TEMPERATURE : 0 LOG : 0
FLUID DENSITY : 1.0	MATRIX DELTA T : 173 PLOT : TESTHOLE 1
NEUTRON MATRIX : SANDSTONE	FLUID DELTA T : 690 THRESH: 1000
REMARKS :	
THROUGH RODS	

ALL SERVICES PROVIDED SUBJECT TO STANDARD TERMS AND CONDITIONS



TOOL CALIBRATION		TOOL = 9067A	SERIAL NUMBER = 514			
CAL-DATE	CAL-TIME	SRC	SENSOR	RESPONSE	STANDARD	
0	09/03/93	13:13:24	0	GAMMA	0.000 CPS	0.000 API-GR
1	09/03/93	13:13:24	0	GAMMA	0.000 CPS	0.000 API-GR
2	09/03/93	13:23:22	0	NEUTRON	102.000 CPS	271.000 API-N
3	09/03/93	13:13:24	0	NEUTRON	0.000 CPS	0.000 API-N

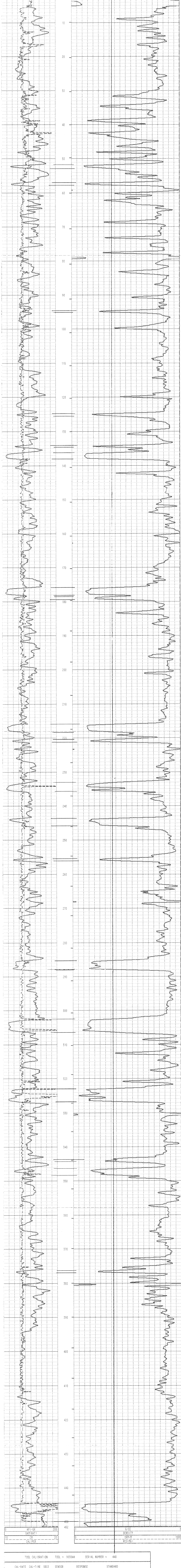


Century

GAMMA-RES-DENSITY

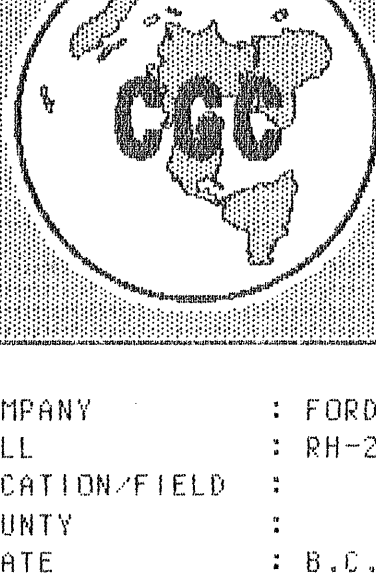
COMPANY : FORDING COAL LTD	OTHER SERVICES:	
WELL : RH-2414	9067	
LOCATION/FIELD : FORDING RIVER MINE	9055	
COUNTY :	9030	
STATE : B.C.		
SECTION :	TOWNSHIP : RANGE :	
DATE : 09/26/93	PERMANENT DATUM : GL	ELEVATIONS
DEPTH DRILLER : 468	ELEV. PERM. DATUM:	KB :
LOG BOTTOM : 469.68	LOG MEASURED FROM: GL	DF :
LOG TOP : 0.10	DRL MEASURED FROM: GL	GL :
CASING DRILLER : 6	LOGGING UNIT : 8902	
CASING TYPE : STEEL	FIELD OFFICE : CALGARY	
CASING THICKNESS : .125	RECORDED BY : T. LEWICKYJ	
BIT SIZE : 12.7	BOREHOLE FLUID : WATER	FILE : ORIGINAL
MAGNETIC DECL. : 21	RM : 0	TYPE : 9030AA
MATRIX DENSITY : 2.68	RM TEMPERATURE : 0	LOG : 2
FLUID DENSITY : 1.0	MATRIX DELTA T : 173	PLOT : TESTHOLE
NEUTRON MATRIX : SANDSTONE	FLUID DELTA T : 690	THRESH: 1000
REMARKS :		
OPEN HOLE		

ALL SERVICES PROVIDED SUBJECT TO STANDARD TERMS AND CONDITIONS



TOOL CALIBRATION TOOL = 9030AA SERIAL NUMBER = 440

CAL-DATE	CAL-TIME	SRC	SENSOR	RESPONSE	STANDARD	
0	09/08/93	13:22:11	0	GAM(NAT)	0.000 CPS	0.000 API-6R
1	09/08/93	13:22:11	0	GAM(NAT)	0.000 CPS	0.000 API-6R
2	09/08/93	14:17:57	0	DENSITY	5218.700 CPS	1.106 G/CC
3	09/08/93	14:55:52	0	DENSITY	2079.600 CPS	2.120 G/CC
4	09/08/93	14:11:56	0	RES(MG)	74.400 CPS	0.000 OHM-M
5	09/08/93	14:27:23	0	RES(MG)	66941.500 CPS	800.000 OHM-M
6	09/08/93	13:49:30	0	CALIPER	299.100 CPS	7.600 CM
7	09/08/93	13:49:30	0	CALIPER	1972.500 CPS	17.800 CM
8	09/08/93	13:22:11	0	DENSITYH	0.000 CPS	0.000 G/CC
9	09/08/93	13:22:11	0	DENSITYH	0.000 CPS	0.000 G/CC
10	09/08/93	13:22:11	0	CALIPERL	0.000 CPS	0.000 CM
11	09/08/93	13:22:11	0	CALIPERL	0.000 CPS	0.000 CM

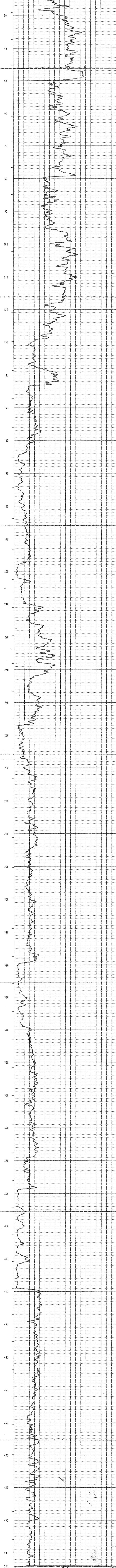
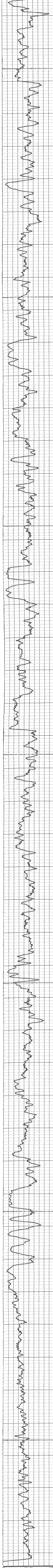


Century

GAMMA-NEUTRON

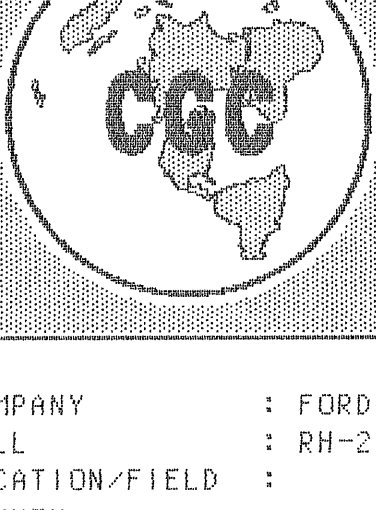
COMPANY : FORDING RIVER COAL	OTHER SERVICES:	
WELL : RH-2418	9067	
LOCATION/FIELD :	9055	
COUNTY :	9030	
STATE : B.C.	TOWNSHIP :	
SECTION :	RANGE :	
DATE : 10/24/93	PERMANENT DATUM : GL	ELEVATIONS
DEPTH DRILLER : 504	ELEV. PERM. DATUM:	KB :
LOG BOTTOM : 504.16	LOG MEASURED FROM: GL	DF :
LOG TOP : -.94	DRL MEASURED FROM: GL	GL :
CASING DRILLER : 3.0	LOGGING UNIT : 8902	
CASING TYPE : STEEL	FIELD OFFICE : CALGARY	
CASING THICKNESS: .125	RECORDED BY : T. LEHCKYJ	
BIT SIZE : 12.7	BOREHOLE FLUID : WATER	FILE : ORIGINAL
MAGNETIC DECL. : 21	RM : 0	TYPE : 9067A
MATRIX DENSITY : 2.68	RM TEMPERATURE : 0	LOG : 1
FLUID DENSITY : 1.0	MATRIX DELTA T : 173	PLOT : TESTHOLE 1
NEUTRON MATRIX : SANDSTONE	FLUID DELTA T : 690	THRESH: 30000
REMARKS :		
THROUGH RODS		

ALL SERVICES PROVIDED SUBJECT TO STANDARD TERMS AND CONDITIONS



TOOL CALIBRATION TOOL = 9067A SERIAL NUMBER = 514

CAL-DATE	CAL-TIME	SRC	SENSOR	RESPONSE	STANDARD	
0	09/03/93	13:13:24	0	GAMMA7	0.000 CPS	0.000 API-GR
1	09/03/93	13:13:24	0	GAMMA7	0.000 CPS	0.000 API-GR
2	09/03/93	13:23:22	0	NEUTRON	102.000 CPS	271.000 API-N
3	09/03/93	13:13:24	0	NEUTRON	0.000 CPS	0.000 API-N

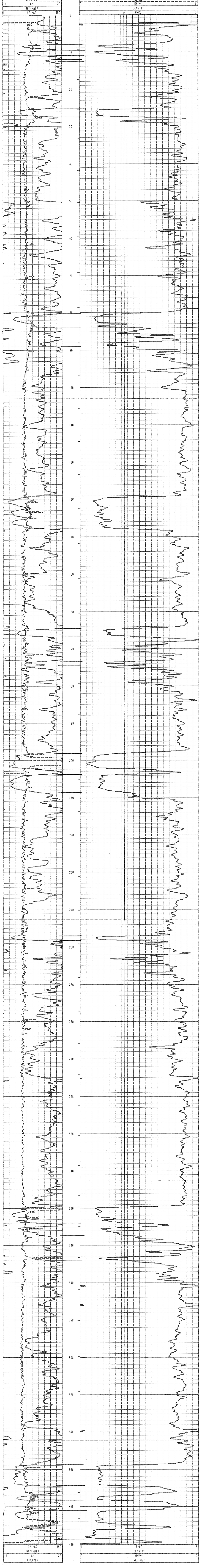


Century

GAMMA-RES-DENSITY

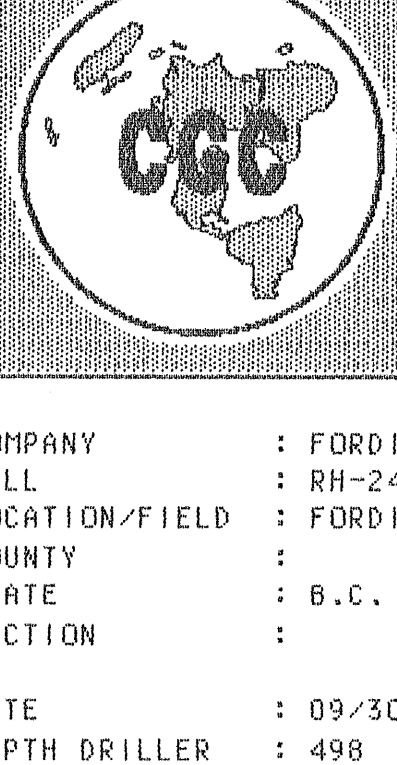
COMPANY : FORDING RIVER COAL	OTHER SERVICES:	
WELL : RH-2418	9067	
LOCATION/FIELD :	9055	
COUNTY :	9030	
STATE : B.C.		
SECTION :	TOWNSHIP :	RANGE :
DATE : 10/25/93	PERMANENT DATUM : GL	ELEVATIONS
DEPTH DRILLER : 504	ELEV. PERM. DATUM: KB :	
LOG BOTTOM : 410.08	LOG MEASURED FROM: GL	DF :
LOG TOP : 0.24	DRL MEASURED FROM: GL	GL :
CASING DRILLER : 3.0	LOGGING UNIT : 8902	
CASING TYPE : STEEL	FIELD OFFICE : CALGARY	
CASING THICKNESS: .125	RECORDED BY : T. LEWYCKYJ	
BIT SIZE : 12.7	BOREHOLE FLUID : WATER	FILE : ORIGINAL
MAGNETIC DECL. : 21	RM : 0	TYPE : 9030AA
MATRIX DENSITY : 2.68	RM TEMPERATURE : 0	LOG : 4
FLUID DENSITY : 1.0	MATRIX DELTA T : 173	PLOT : TESTHOLE 1
NEUTRON MATRIX : SANDSTONE	FLUID DELTA T : 690	THRESH: 30000
REMARKS :		
OPEN HOLE		

ALL SERVICES PROVIDED SUBJECT TO STANDARD TERMS AND CONDITIONS



TOOL CALIBRATION TOOL = 9030AA SERIAL NUMBER = 480

CAL-DATE	CAL-TIME	SRCE	SENSOR	RESPONSE	STANDARD	
0	09/08/93	13:22:11	0	GAM(NAT)	0.000 CPS	0.000 API-GR
1	09/08/93	13:22:11	0	GAM(NAT)	0.000 CPS	0.000 API-GR
2	09/09/93	14:17:57	0	DENSITY	5218.700 CPS	1.106 G/CC
3	09/09/93	14:35:52	0	DENSITY	2079.600 CPS	2.120 G/CC
4	09/08/93	14:11:56	0	RES(MG)	74.400 CPS	0.000 OHM-M
5	09/08/93	14:27:23	0	RES(MG)	66941.500 CPS	800.000 OHM-M
6	09/08/93	13:49:30	0	CALIPER	299.100 CPS	7.600 CM
7	09/08/93	13:49:30	0	CALIPER	1872.500 CPS	17.800 CM
8	09/08/93	13:22:11	0	DENSITYH	0.000 CPS	0.000 G/CC
9	09/08/93	13:22:11	0	DENSITYH	0.000 CPS	0.000 G/CC
10	09/08/93	13:22:11	0	CALIPERL	0.000 CPS	0.000 CM
11	09/08/93	13:22:11	0	CALIPERL	0.000 CPS	0.000 CM

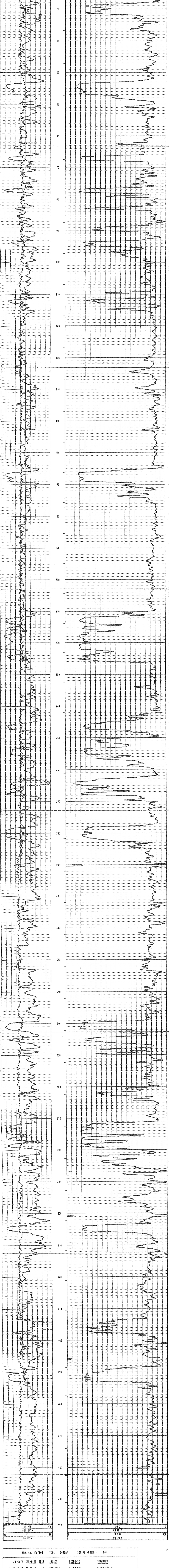


Century

GAMMA-RES-DENSITY

COMPANY : FORDING COAL LTD	OTHER SERVICES:	
WELL : RH-2419	9067	
LOCATION/FIELD : FORDING RIVER MINE	9055	
COUNTY :	9030	
STATE : B.C.		
SECTION :	TOWNSHIP : RANGE :	
DATE : 09/30/93	PERMANENT DATUM : GL	ELEVATIONS
DEPTH DRILLER : 498	ELEU. PERM. DATUM: KB :	
LOG BOTTOM : 498.06	LOG MEASURED FROM: GL	DF :
LOG TOP : 0.14	DRL MEASURED FROM: GL	GL :
CASING DRILLER : 3	LOGGING UNIT : 8902	
CASING TYPE : STEEL	FIELD OFFICE : CALGARY	
CASING THICKNESS: .125	RECORDED BY : T. LEWYCKYJ	
BIT SIZE : 12.7	BOREHOLE FLUID : WATER	FILE : ORIGINAL
MAGNETIC DECL. : 21	RM : 0	TYPE : 9030AA
MATRIX DENSITY : 2.68	RM TEMPERATURE : 0	LOG : 9
FLUID DENSITY : 1.0	MATRIX DELTA T : 175	PLOT : TESTHOLE 1
NEUTRON MATRIX : SANDSTONE	FLUID DELTA T : 690	THRESH: 1000
REMARKS :		
OPEN HOLE		

ALL SERVICES PROVIDED SUBJECT TO STANDARD TERMS AND CONDITIONS



TOOL CALIBRATION			TOOL = 9030AA	SERIAL NUMBER = 440	
CAL-DATE	CAL-TIME	SRCF	SENSOR	RESPONSE	STANDARD
0	09/08/93	13:22:11	0	0.000 CPS	0.000 API-SR
1	09/08/93	13:22:11	0	0.000 CPS	0.000 API-SR
2	09/08/93	14:17:57	0	DENSITY	5218.700 CPS
3	09/08/93	14:55:52	0	DENSITY	2079.600 CPS
4	09/08/93	14:11:56	0	RESING	74.400 CPS
5	09/08/93	14:27:23	0	RESING	66941.500 CPS
6	09/08/93	13:49:50	0	CALPER	299.100 CPS
7	09/08/93	13:49:50	0	CALPER	1872.500 CPS
8	09/08/93	13:22:11	0	DENSITY	0.000 CPS
9	09/08/93	13:22:11	0	DENSITY	0.000 CPS
10	09/08/93	13:22:11	0	CALPERL	0.000 CPS
11	09/08/93	13:22:11	0	CALPERL	0.000 CPS

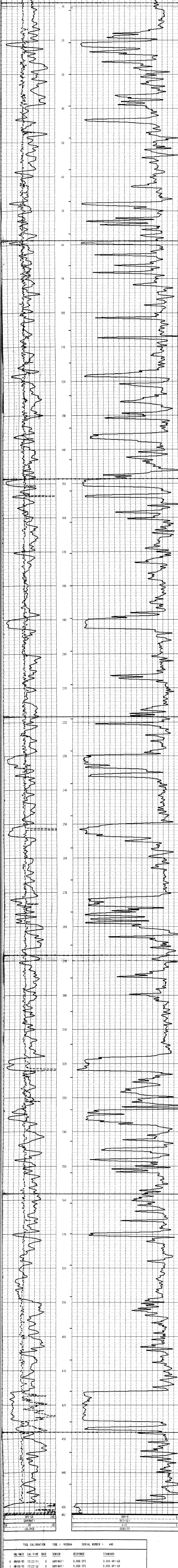


Century

GAMMA-RES-DENSITY

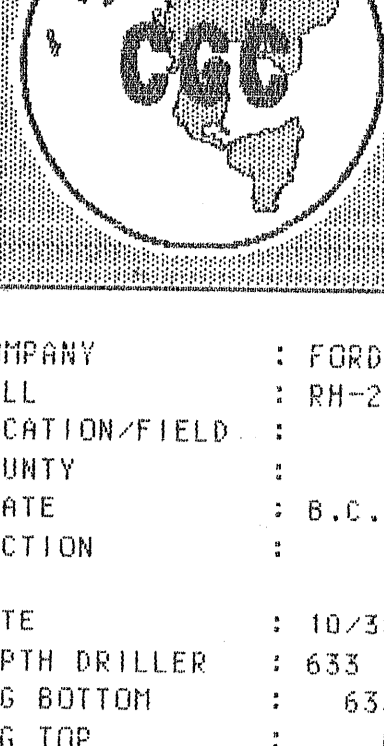
COMPANY : FORDING RIVER COAL	OTHER SERVICES:	
WELL : RH-2420	9067	
LOCATION/FIELD :	9055	
COUNTY :	9030	
STATE : B.C.		
SECTION :	TOWNSHIP :	RANGE :
DATE : 10/21/93	PERMANENT DATUM : GL	ELEVATIONS
DEPTH DRILLER : 600.0	ELEV. PERM. DATUM: KB :	
LOG BOTTOM : 452.16	LOG MEASURED FROM: GL	DF :
LOG TOP : 0.46	DRL MEASURED FROM: GL	GL :
CASING DRILLER : 3.0	LOGGING UNIT : 8902	
CASING TYPE : STEEL	FIELD OFFICE : CALGARY	
CASING THICKNESS : .125	RECORDED BY : D. McNEILL	
BIT SIZE : 12.7	BOREHOLE FLUID : WATER	FILE : ORIGINAL
MAGNETIC DECL. : 21	RM : 0	TYPE : 9030AH
MATRIX DENSITY : 2.68	RM TEMPERATURE : 0	LOG : 8
FLUID DENSITY : 1.0	MATRIX DELTA T : 173	PLOT : TESTHOLE 1
NEUTRON MATRIX : SANDSTONE	FLUID DELTA T : 690	THRESH: 30000
REMARKS :		
OPEN HOLE		

ALL SERVICES PROVIDED SUBJECT TO STANDARD TERMS AND CONDITIONS



TOOL CALIBRATION TOOL = 9030AH SERIAL NUMBER = 440

CAL DATE	CAL TIME	SRCE	SENSOR	RESPONSE	STANDARD	
0	09/08/93	13:22:11	0	GAMMAT	0.000 CPS	0.000 API-GR
1	09/08/93	13:22:11	0	GAMMAT	0.000 CPS	0.000 API-GR
2	09/09/93	14:17:57	0	DENSITY	2079.600 CPS	2.120 G/CC
4	09/08/93	14:11:56	0	RES(NG)	74.400 CPS	0.000 OHM-M
5	09/08/93	14:27:23	0	RES(NG)	66941.500 CPS	800.000 OHM-M
6	09/08/93	13:49:30	0	CALIPER	299.100 CPS	7.600 CM
7	09/08/93	13:49:30	0	CALIPER	1872.500 CPS	17.800 CM
8	09/08/93	13:22:11	0	DENSITY	0.000 CPS	0.000 G/CC
9	09/08/93	13:22:11	0	DENSITY	0.000 CPS	0.000 G/CC
10	09/08/93	13:22:11	0	CALIPER	0.000 CPS	0.000 CM
11	09/08/93	13:22:11	0	CALIPER	0.000 CPS	0.000 CM

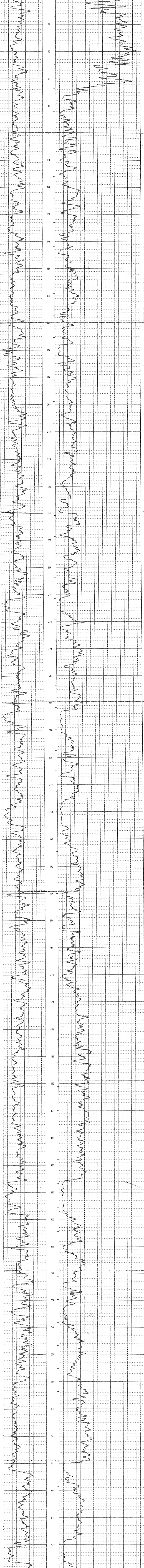


Century

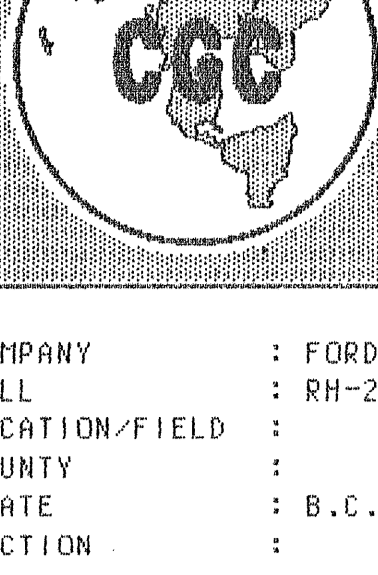
GAMMA-NEUTRON

COMPANY : FORDING RIVER COAL	OTHER SERVICES:	
WELL : RH-2423	9067	
LOCATION/FIELD :	9055	
COUNTY :	9030	
STATE : B.C.		
SECTION :	TOWNSHIP :	RANGE :
DATE : 10/30/93	PERMANENT DATUM : CL	ELEVATIONS
DEPTH DRILLER : 633	ELEV. PERM. DATUM:	KB :
LOG BOTTOM : 632.10	LOG MEASURED FROM: GL	DF :
LOG TOP : 0.14	DRL MEASURED FROM: GL	GL :
CASING DRILLER : 3.0	LOGGING UNIT : 8902	
CASING TYPE : STEEL	FIELD OFFICE : CALGARY	
CASING THICKNESS: .125	RECORDED BY : T. LEWYCKYJ	
BIT SIZE : 12.7	BOREHOLE FLUID : WATER	FILE : ORIGINAL
MAGNETIC DECL. : 21	RM : 0	TYPE : 9067A
MATRIX DENSITY : 2.68	RM TEMPERATURE : 0	LOG : 0
FLUID DENSITY : 1.0	MATRIX DELTA T : 173	PLOT : TESTHOLE
NEUTRON MATRIX : SANDSTONE	FLUID DELTA T : 690	THRESH: 30000
REMARKS :		
THROUGH RODS :		

ALL SERVICES PROVIDED SUBJECT TO STANDARD TERMS AND CONDITIONS



TOOL CALIBRATION		TOOL = 9067A	SERIAL NUMBER = 514			
CAL-DATE	CAL-TIME	SRCE	SENSOR	RESPONSE	STANDARD	
0	09/05/93	13:13:24	0	GAMMA ¹	0.000 CPS	0.000 API-6P
1	09/05/93	13:13:24	0	GAMMA ¹	0.000 CPS	0.000 API-6P
2	09/05/93	13:23:22	0	NEUTRON	102.000 CPS	271.000 API-N
3	09/05/93	13:13:24	0	NEUTRON	0.000 CPS	0.000 API-N

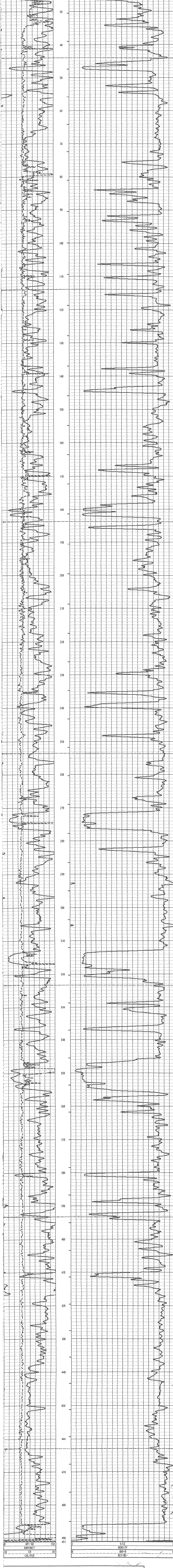


Century

GAMMA-RES-DENSITY

COMPANY : FORDING RIVER COAL	OTHER SERVICES:	
WELL : RH-2423	9067	
LOCATION/FIELD :	9055	
COUNTY :	9030	
STATE : B.C.		
SECTION :	TOWNSHIP : RANGE :	
DATE : 10/30/93	PERMANENT DATUM : GL	ELEVATIONS
DEPTH DRILLER : 633	ELEV. PERM. DATUM: KB :	
LOG BOTTOM : 491.06	LOG MEASURED FROM: GL	DF :
LOG TOP : 0.56	DRL MEASURED FROM: GL	GL :
CASING DRILLER : 3.0	LOGGING UNIT : 8902	
CASING TYPE : STEEL	FIELD OFFICE : CALGARY	
CASING THICKNESS: .125	RECORDED BY : T. LEHYCKYJ	
BIT SIZE : 12.7	BOREHOLE FLUID : WATER	FILE : ORIGINAL
MAGNETIC DECL. : 21	RM : 0	TYPE : 9030AA
MATRIX DENSITY : 2.68	RM TEMPERATURE : 0	LOG : 3
FLUID DENSITY : 1.0	MATRIX DELTA T : 173	PLOT : TESTHOLE 1
NEUTRON MATRIX : SANDSTONE	FLUID DELTA T : 690	THRESH: 30000
REMARKS :		
OPEN HOLE		

ALL SERVICES PROVIDED SUBJECT TO STANDARD TERMS AND CONDITIONS



TOOL CALIBRATION TOOL = 9030AA SERIAL NUMBER = 440

CAL-DATE	CAL-TIME	SPCE	SENSOR	RESPONSE	STANDARD
0	09/08/93	13:22:11	0	0.000 CPS	0.000 API-GR
1	09/08/93	13:22:11	0	0.000 CPS	0.000 API-GR
2	09/09/93	14:17:57	0	DENSITY	5218.700 CPS
3	09/09/93	14:35:32	0	DENSITY	2079.600 CPS
4	09/08/93	14:11:56	0	RES(HG)	74.400 CPS
5	09/08/93	14:27:23	0	RES(HG)	66941.500 CPS
6	09/08/93	13:49:30	0	CALIPER	299.100 CPS
7	09/08/93	13:49:30	0	CALIPER	1872.500 CPS
8	09/08/93	13:22:11	0	DENSITYH	0.000 CPS
9	09/08/93	13:22:11	0	DENSITYH	0.000 CPS
10	09/08/93	13:22:11	0	CALIPERL	0.000 CPS
11	09/08/93	13:22:11	0	CALIPERL	0.000 CPS