PR-Goodrich 80(3)A 80-02

ROKE

SIDEWALL DENSILOG
CALIPER

OIL ENTERPRISES LTD. CALGARY, ALBERTA

FILE NO.
LSD
SEC
TWP
RGE
W M

COMPANY GULF CANADA RESOURCES INCORPORATED
WELL GR-80-02
LOCATION GOODRICH PROPERTY
FIELD CHETWYND
PROVINCE BRITISH COLUMBIA

Other Services:
GRN, DIR
FBL 5 & 20 CM

Permanent Datum GROUND LEVEL Elev.
Log Measured from GROUND LEVEL Above Perm. Datum
Well Depths Measured from GROUND LEVEL
K.B.
CSG
G.L.
METRIC

Run. No.	ONE	
Date	9 JULY 1980	
First Reading	232 M	
Last Reading	0	
Footage Logged	232	
Depth Reached	233	
Depth Driller	256	
Casing Roke	3	
Casing Driller	3	
Fluid Type	WATER	
Liquid Level	7.5	
Min. Diam.	12.7 CM	
Operating Time	3 HOURS	
Truck No.	38	
Recorded By	ROBERTSON	Witnessed By JORDAN

531

GENERAL				GAMMA RAY				SIDEWALL DENSILOG			
RUN NO.	DEPTHS FROM	DEPTHS TO	SPEED M/MIN	T.C. SEC.	SENS SETTINGS	ZERO DIV.L OR R	API G.R. UNITS PER LOG DIV.	T.C. SEC.	SENS SETTINGS	ZERO DIV.L OR R	CPS/DIV
ONE	0	232	8					0.5	5000	1.59 R	208.67

REMARKS
DENS TOOL #241AS
CAL TOOL #459
JOB #5119

DEPTHS

CALIPER
DIAMETER – CM
11 16 21 26

BULK DENSITY
(GRAMS/CC)
1.00 1.10 1.20 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

PR-Goodrich 80(3)A 80-03

ROKE

OIL ENTERPRISES LTD. CALGARY, ALBERTA

FOCUSED BEAM LOG 5 CM 20 CM

FILE NO.
LSD
SEC
TWP
RGE
W M

COMPANY GULF CANADA RESOURCES INCORPORATED
WELL GR-80-03
LOCATION GOODRICH PROPERTY
FIELD CHETWYND
PROVINCE BRITISH COLUMBIA

Other Services: GRN, DENS-CAL, DIR

Permanent Datum GROUND LEVEL Elev.
Log Measured from GROUND LEVEL Above Perm. Datum
Well Depths Measured from GROUND LEVEL

K.B.
CSG
G.L.
METRIC

Run. No.	ONE
Date	10 JULY 1980
First Reading	153 M
Last Reading	5
Footage Logged	148
Depth Reached	154
Depth Driller	154
Casing Roke	2.75
Casing Driller	2.75
Fluid Type	WATER
Liquid Level	5.5
Min. Diam.	12.75 CM
Rm @ °C	23.63 @ 9.5
Operating Time	2 HOURS
Truck No.	38

Recorded By ROBERTSON
Witnessed By JORDAN

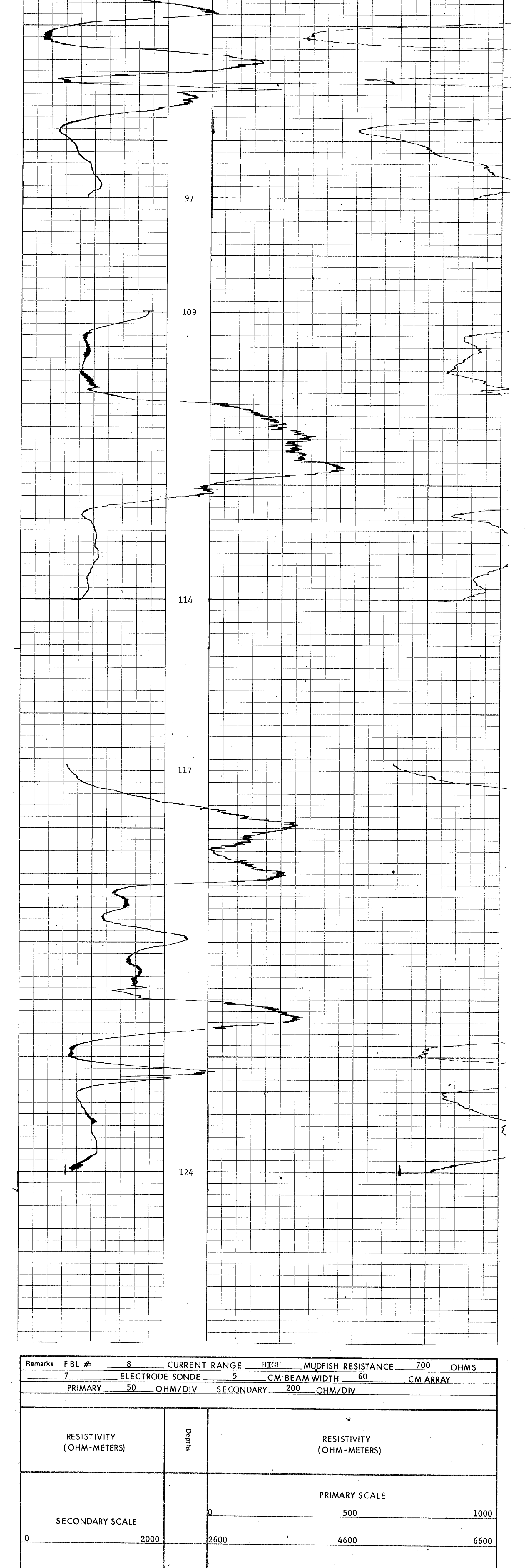
531

Remarks FBL # 8 CURRENT RANGE HIGH MUDFISH RESISTANCE 700 OHMS
7 ELECTRODE SONDE 20 CM BEAM WIDTH 100 CM ARRAY
PRIMARY 50 OHM/DIV SECONDARY 200 OHM/DIV

RESISTIVITY (OHM-METERS)	Depths	RESISTIVITY (OHM-METERS)
SECONDARY SCALE		PRIMARY SCALE
		0 500 1000
0 2000		2600 4600 6600

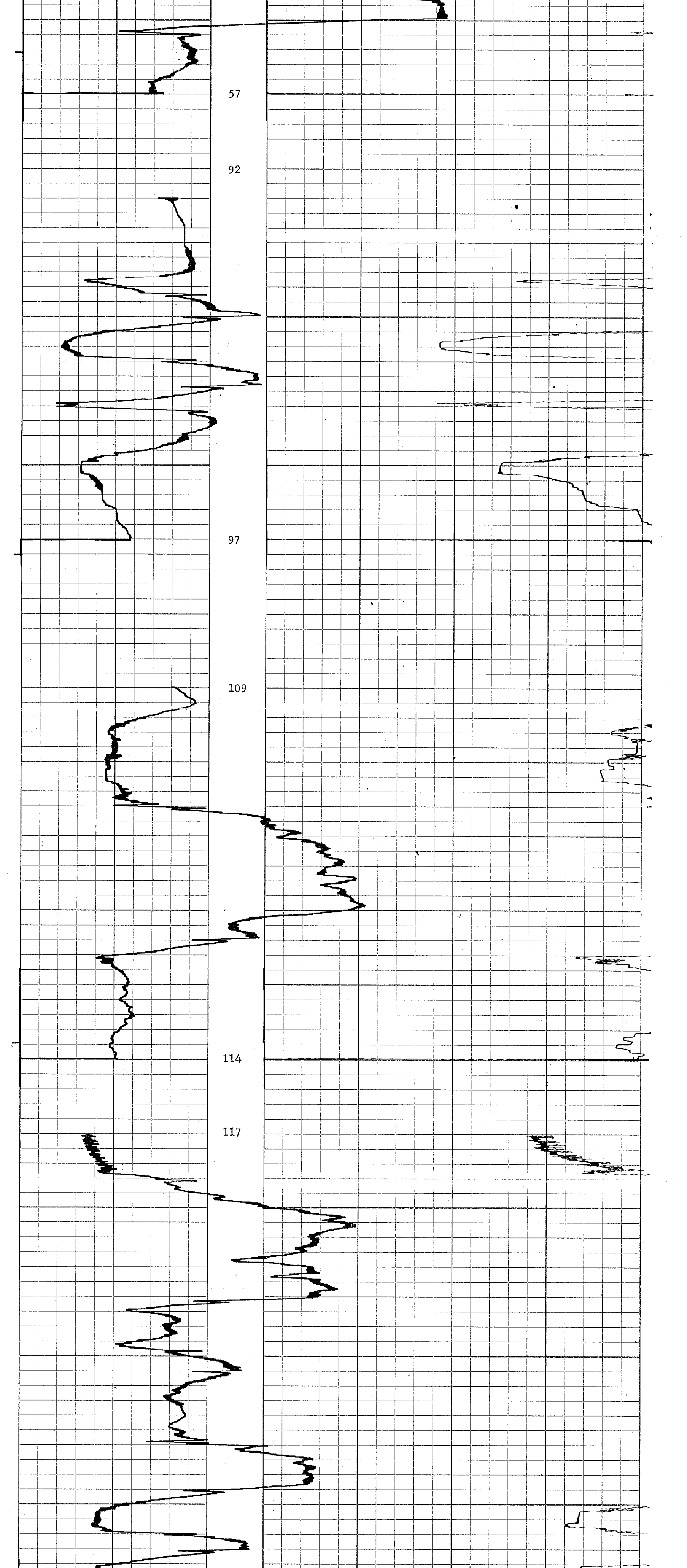
LOG 50 RANGE
LOG ZERO
CAL 200 RANGE 200 ΩM/DIV LATCH 50 RANGE
CAL 100 RANGE 200 ΩM/DIV LATCH 50 RANGE
CAL 50 RANGE 200 ΩM/DIV
CAL ZERO
RECORD ZERO
STOP ZERO

LOG 50 RANGE
LOG ZERO
CAL 100 RANGE 50 ΩM/DIV LATCH 50 RANGE
CAL 50 RANGE 50 ΩM/DIV
CAL ZERO
RECORD ZERO
STOP ZERO



Remarks FBL # 8 CURRENT RANGE HIGH MUDFISH RESISTANCE 700 OHMS
7 ELECTRODE SONDE 5 CM BEAM WIDTH 60 CM ARRAY
PRIMARY 50 OHM/DIV SECONDARY 200 OHM/DIV

RESISTIVITY (OHM-METERS)	Depths	RESISTIVITY (OHM-METERS)
SECONDARY SCALE		PRIMARY SCALE
		0 500 1000
0 2000		2600 4600 6600



LOG 50 RANGE
LOG ZERO
CAL 200 RANGE 200 ΩM/DIV LATCH 50 RANGE
CAL 100 RANGE 200 ΩM/DIV LATCH 50 RANGE
CAL 50 RANGE 50 ΩM/DIV
CAL ZERO
RECORD ZERO
STOP ZERO

LOG 50 RANGE
LOG ZERO
CAL 200 RANGE LATCH 50 RANGE 50 ΩM/DIV
CAL 100 RANGE LATCH 50 RANGE 50 ΩM/DIV
CAL 50 RANGE 50 ΩM/DIV
CAL ZERO
RECORD ZERO
STOP ZERO

PR-Goodrich 80(3)A 80-03

ROKE

OIL ENTERPRISES LTD. CALGARY, ALBERTA

SIDEWALL DENSILOG

CALIPER

FILE NO.
LSD
SEC
TWP
RGE
W____M

COMPANY GULF CANADA RESOURCES INCORPORATED
WELL GR-80-03
LOCATION GOODRICH PROPERTY
FIELD CHETWYND
PROVINCE BRITISH COLUMBIA

Other Services:
GRN, DIR
FBL 5 & 20 CM

Permanent Datum GROUND LEVEL Elev.
Log Measured from GROUND LEVEL
Well Depths Measured from GROUND LEVEL Above Perm. Datum

K.B.
CSG
G.L.
METRIC

Run. No.	ONE
Date	10 JULY 1980
First Reading	153 M
Last Reading	0
Footage Logged	153
Depth Reached	154
Depth Driller	154
Casing Roke	2.75
Casing Driller	2.75
Fluid Type	WATER
Liquid Level	5.5
Min. Diam.	15.75 CM
Operating Time	1.5 HOURS
Truck No.	38

Recorded By ROBERTSON Witnessed By JORDAN

531

GENERAL				GAMMA RAY				SIDEWALL DENSILOG			
RUN NO.	DEPTHS FROM	DEPTHS TO	SPEED M/MIN	T.C. SEC.	SENS SETTINGS	ZERO DIV.L OR R	API G.R. UNITS PER LOG DIV.	T.C. SEC.	SENS SETTINGS	ZERO DIV.L OR R	CPS/ DIV
ONE	0	153	8					0.5	5000	1.59 R	208.67

REMARKS

DENS TOOL #241AS
CAL TOOL #459
JOB #5119

PR-Goodrich 80(3)A 80-02

ROKE

GAMMA RAY NEUTRON LOG

OIL ENTERPRISES LTD. CALGARY, ALBERTA

FILE NO.

LSD •
SEC
TWP
RGE
W_____M

COMPANY GULF CANADA RESOURCES INCORPORATED
WELL GR-80-02
LOCATION GOODRICH PROPERTY
FIELD CHETWYND
PROVINCE BRITISH COLUMBIA

Other Services:
DENS-CAL, DIR
FBL 5 & 20 CM

Permanent Datum GROUND LEVEL Elev.
Log Measured from GROUND LEVEL Above Perm. Datum
Well Depths Measured from GROUND LEVEL

K.B.
CSG
G.L.

METRIC

Run. No.	ONE
Date	9 JULY 1980
First Reading	254 M
Last Reading	0
Footage Logged	254
Depth Reached	255
Depth Driller	256
Casing Roke	3
Casing Driller	3
Fluid Type	WATER
Liquid Level	7.5
Min. Diam.	12.7 CM
Rm @	
Operating Time	1.5 HOURS
Truck No.	38
Recorded By	ROBERTSON
Witnessed By	JORDAN

531

EQUIPMENT DATA

GAMMA RAY		NEUTRON	
RUN NO.	ONE	RUN NO.	ONE
TOOL MODEL NO.	125A	LOG TYPE	NEUTRON/NEUTRON
DIAMETER	3.2 CM	TOOL MODEL NO.	125A
DETECTOR MODEL NO.		DIAMETER	3.2 CM
TYPE	SCINTILLATION	DETECTOR MODEL NO.	
LENGTH	10 CM	TYPE	PROPORTIONAL
DISTANCE TO N. SOURCE	215.2 CM	LENGTH	
		SOURCE MODEL NO.	MRC-N-SS-W
GENERAL		SERIAL NO.	126
HOIST TRUCK NO.	38	SPACING	43.2 CM
INSTRUMENT TRUCK NO.	38	TYPE	AmBe
TOOL SERIAL NO.	125A004/126	STRENGTH	3 CURIES

LOGGING DATA

GENERAL				GAMMA RAY				NEUTRON			
RUN NO.	DEPTHS FROM	DEPTHS TO	SPEED M/MIN	T.C. SEC.	SENS SETTINGS	ZERO DIV. L OR R	API G. R. UNITS PER LOG DIV.	T. C. SEC.	SENS SETTINGS	ZERO DIV. L OR R	API N. UNITS PER LOG DIV.
ONE	0	7.5	4	3	500	0	15	3	5000	10 L	200 API
	7.5	254	4	3	500	0	15	3	5000	0 L	200 API

REMARKS LOGGED THROUGH 5.1 CM I.D. DRILL RODS

Pr-Goodrich 80(3)A 80-02

ROKE

FOCUSED BEAM LOG 5 CM 20 CM

OIL ENTERPRISES LTD. CALGARY, ALBERTA

FILE NO.	
COMPANY	GULF CANADA RESOURCES INCORPORATED
WELL	GR-80-02
LOCATION	GOODRICH PROPERTY
FIELD	CHETWYND
PROVINCE	BRITISH COLUMBIA
LSD	
SEC	
TWP	
RGE	
W__M	

Other Services: GRN, DENS-CAL, DIR

Permanent Datum GROUND LEVEL Elev. ____ K.B. ____
Log Measured from GROUND LEVEL ____ Above Perm. Datum CSG ____
Well Depths Measured from GROUND LEVEL G.L. ____

METRIC

Run. No.	ONE
Date	9 JULY 1980
First Reading	255
Last Reading	15.5
Footage Logged	239.5
Depth Reached	256
Depth Driller	256
Casing Roke	3
Casing Driller	3
Fluid Type	WATER
Liquid Level	15.5
Min. Diam.	12.7 CM
Rm @ °C	44 @ 11
Operating Time	2 HOURS
Truck No.	38
Recorded By	ROBERTSON
Witnessed By	JORDAN

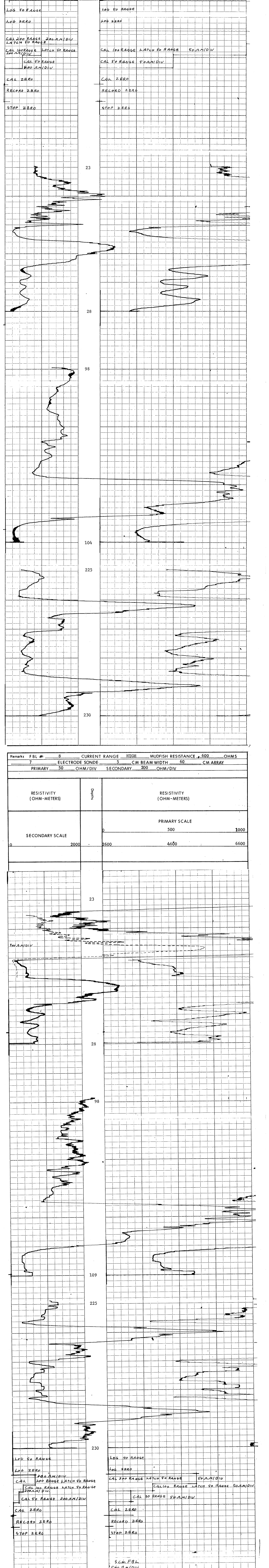
531

Remarks FBL # 8 CURRENT RANGE HIGH MUDFISH RESISTANCE 500 OHMS
7 ELECTRODE SONDE 20 CM BEAM WIDTH 100 CM ARRAY
PRIMARY 50 OHM/DIV SECONDARY 200 OHM/DIV

RESISTIVITY (OHM-METERS)	Depths	RESISTIVITY (OHM-METERS)
SECONDARY SCALE		PRIMARY SCALE
0 2000		0 500 1000
		2600 4600 6600

Remarks FBL # 8 CURRENT RANGE HIGH MUDFISH RESISTANCE 600 OHMS
7 ELECTRODE SONDE 5 CM BEAM WIDTH 60 CM ARRAY
PRIMARY 50 OHM/DIV SECONDARY 200 OHM/DIV

RESISTIVITY (OHM-METERS)	Depths	RESISTIVITY (OHM-METERS)
SECONDARY SCALE		PRIMARY SCALE
0 2000		0 500 1000
		2600 4600 6600



PR-Goodrich 80(3)A 80-04

ROKE

OIL ENTERPRISES LTD. CALGARY, ALBERTA

GAMMA RAY NEUTRON LOG

FILE NO.

LSD
SEC
TWP
RGE
W M

COMPANY GULF CANADA RESOURCES INCORPORATED
WELL GR-80-04
LOCATION GOODRICH PROPERTY
FIELD CHETWYND
PROVINCE BRITISH COLUMBIA

Other Services: DENS-CAL, FBL

Permanent Datum GROUND LEVEL Elev.
Log Measured from GROUND LEVEL Above Perm. Datum
Well Depths Measured from GROUND LEVEL

K.B.
CSG
G.L.
METRIC

Run. No.	ONE
Date	11 JULY 1980
First Reading	168 M
Last Reading	0
Footage Logged	168
Depth Reached	169
Depth Driller	170.7
Casing Roke	3.5
Casing Driller	3.5
Fluid Type	WATER
Liquid Level	25
Min. Diam.	12.75
Rm @	
Operating Time	1 HOUR
Truck No.	38

Recorded By ROBERTSON
Witnessed By JORDAN

531

EQUIPMENT DATA

GAMMA RAY		NEUTRON	
RUN NO.	ONE	RUN NO.	ONE
TOOL MODEL NO.	125A	LOG TYPE	NEUTRON/NEUTRON
DIAMETER	3.2 CM	TOOL MODEL NO.	125A
DETECTOR MODEL NO.		DIAMETER	3.2 CM
TYPE	SCINTILLATION	DETECTOR MODEL NO.	
LENGTH	10.2 CM	TYPE	PROPORTIONAL
DISTANCE TO N. SOURCE	215.2 CM	LENGTH	15 CM
		SOURCE MODEL NO.	MRC-N-SS-W
GENERAL		SERIAL NO.	126
HOIST TRUCK NO.	38	SPACING	43.2 CM
INSTRUMENT TRUCK NO.	38	TYPE	AmBe
TOOL SERIAL NO.	125A004/126	STRENGTH	3 CURIES

LOGGING DATA

GENERAL				GAMMA RAY				NEUTRON			
RUN NO.	DEPTHS FROM	DEPTHS TO	SPEED M /MIN	T.C. SEC.	SENS SETTINGS	ZERO DIV. L OR R	API G. R. UNITS PER LOG DIV.	T. C. SEC.	SENS SETTINGS	ZERO DIV. L OR R	API N. UNITS PER LOG DIV.
ONE	0	12.5	4	3	500	0	15 API	3	5000	10 L	200 API
	12.5	168	4	3	500	0	15 API	3	5000	0 L	200 API

REMARKS

PR-Goodrich 80(3)A 80-04

ROKE

SIDEWALL DENSILOG
CALIPER

OIL ENTERPRISES LTD. CALGARY, ALBERTA

FILE NO.
LSD
SEC
TWP
RGE
W ___ M

COMPANY GULF CANADA RESOURCES INCORPORATED
WELL GR-80-04
LOCATION GOODRICH PROPERTY
FIELD CHETWYND
PROVINCE BRITISH COLUMBIA

Other Services:
GRN, 20CM FBL, DIR

Permanent Datum GROUND LEVEL Elev.
Log Measured from GROUND LEVEL Above Perm. Datum
Well Depths Measured from GROUND LEVEL

K.B.
CSG
G.L.
METRIC

Run. No.	ONE
Date	11 JULY 1980
First Reading	168 M
Last Reading	0
Footage Logged	168
Depth Reached	169
Depth Driller	170.7
Casing Roke	3.5
Casing Driller	3.5
Fluid Type	WATER
Liquid Level	25
Min. Diam.	12.75
Operating Time	1 HOUR
Truck No.	38
Recorded By	ROBERTSON
Witnessed By	JORDAN

531

GENERAL				GAMMA RAY				SIDEWALL DENSILOG			
RUN NO.	DEPTHS FROM	DEPTHS TO	SPEED M/MIN	T.C. SEC.	SENS SETTINGS	ZERO DIV.L OR R	API G.R. UNITS PER LOG DIV.	T.C. SEC.	SENS SETTINGS	ZERO DIV.L OR R	CPS/ DIV
ONE	0	168	8					0.5	5000	1.59 R	208.67

REMARKS
DENS TOOL #241AS
CAL TOOL #459
JOB #5119

PR-Goodrich 80(3)A 80-04

ROKE

OIL ENTERPRISES LTD. CALGARY, ALBERTA

FOCUSED BEAM LOG 20 CM

FILE NO.	
LSD	
SEC	
TWP	
RGE	
W	M
COMPANY	GULF CANADA RESOURCES INCORPORATED
WELL	GR-80-04
LOCATION	GOODRICH PROPERTY
FIELD	CHETWYND
PROVINCE	BRITISH COLUMBIA
Other Services:	GRN, DENS-CAL, DIR
Permanent Datum	GROUND LEVEL
Elev.	
Log Measured from	GROUND LEVEL
Above Perm. Datum	
Well Depths Measured from	GROUND LEVEL
K.B.	
CSG.	
G.L.	
	METRIC
Run. No.	ONE
Date	11 JULY 1980
First Reading	169 M
Last Reading	25
Footage Logged	144
Depth Reached	170
Depth Driller	170.7
Casing Roke	3.5
Casing Driller	3.5
Fluid Type	WATER
Liquid Level	25
Min. Diam.	12.75 CM
Rm @ °C	33.93 @ 15.5
Operating Time	1.25 HOUR
Truck No.	38
Recorded By	ROBERTSON
Witnessed By	JORDAN

531

Remarks FBL # 8 CURRENT RANGE HIGH MUDFISH RESISTANCE 1000 OHMS
7 ELECTRODE SONDE 20 CM BEAM WIDTH 100 CM ARRAY
PRIMARY 50 OHM/DIV SECONDARY 200 OHM/DIV

RESISTIVITY (OHM-METERS)	Depths	RESISTIVITY (OHM-METERS)
SECONDARY SCALE 0 2000		PRIMARY SCALE 0 500 1000 2600 4600 6600

LOG 50 RANGE
LOG ZERO
CAL 200 RANGE
LATCH 50 RANGE 200 ΩM/DIV
CAL 100 RANGE
LATCH 50 RANGE 200 ΩM/DIV
CAL 50 RANGE
200 ΩM/DIV
CAL ZERO
RECORD ZERO
STOP ZERO

LOG 50 RANGE
LOG ZERO
CAL 100 RANGE
LATCH 50 RANGE 50 ΩM/DIV
CAL 50 RANGE
50 ΩM/DIV
CAL ZERO
RECORD ZERO
STOP ZERO

PR- Goodrich 80(3)A 80-05

ROKE

OIL ENTERPRISES LTD. CALGARY, ALBERTA

SIDEWALL DENSILOG
CALIPER

FILE NO.
LSD
SEC
TWP
RGE
W ______ M

COMPANY GULF CANADA RESOURCES INCORPORATED
WELL GR-80-05
LOCATION GOODRICH PROPERTY
FIELD CHETWYND
PROVINCE BRITISH COLUMBIA

Other Services:
GRN, DIR
FBL 5 & 20 CM

Permanent Datum GROUND LEVEL Elev. ______
Log Measured from GROUND LEVEL ______ Above Perm. Datum
Well Depths Measured from GROUND LEVEL

K.B. ______
CSG ______
G.L. ______
METRIC

Run. No.	ONE
Date	13 JULY 1980
First Reading	191 M
Last Reading	0
Footage Logged	191
Depth Reached	192
Depth Driller	192.5
Casing Roke	9
Casing Driller	9
Fluid Type	WATER
Liquid Level	46
Min. Diam.	12.75 CM
Operating Time	2 HOURS
Truck No.	38
Recorded By	ROBERTSON
Witnessed By	JORDAN

531

GENERAL				GAMMA RAY				SIDEWALL DENSILOG			
RUN NO.	DEPTHS FROM	DEPTHS TO	SPEED M/MIN	T.C. SEC.	SENS SETTINGS	ZERO DIV.L OR R	API G.R. UNITS PER LOG DIV.	T.C. SEC.	SENS SETTINGS	ZERO DIV.L OR R	CPS/ DIV
ONE	0	191	8					0.5	5000	1.59 R	208.67

REMARKS
DENS TOOL #241AS
CAL TOOL #459
JOB #5119

DEPTHS

CALIPER
DIAMETER – CM
13 18 23 28

BULK DENSITY
(GRAMS/CC)
1.00 1.10 1.20 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

PR-Goodrich 80(3)A 80-01

ROKE

OIL ENTERPRISES LTD. CALGARY, ALBERTA

GAMMA RAY NEUTRON LOG

FILE NO.
LSD
SEC
TWP
RGE
W_____M

COMPANY	GULF CANADA RESOURCES INCORPORATED
WELL	GR-80-01 (REDRILLED)
LOCATION	GOODRICH PROPERTY
FIELD	CHETWYND
PROVINCE	BRITISH COLUMBIA

Permanent Datum GROUND LEVEL Elev.
Log Measured from GROUND LEVEL Above Perm. Datum
Well Depths Measured from GROUND LEVEL

Other Services: DENS-CAL
K.B.
CSG
G.L.
METRIC

Run. No.	ONE
Date	JULY 17, 1980
First Reading	15.5
Last Reading	00
Footage Logged	15.9
Depth Reached	16.5
Depth Driller	16.5
Casing Roke	
Casing Driller	
Fluid Type	WATER
Liquid Level	5.0
Min. Diam.	13.0 CM
Rm @	
Operating Time	0.25 HOURS
Truck No.	#*

Recorded By ROBERTSON
Witnessed By JORDAN

531

EQUIPMENT DATA

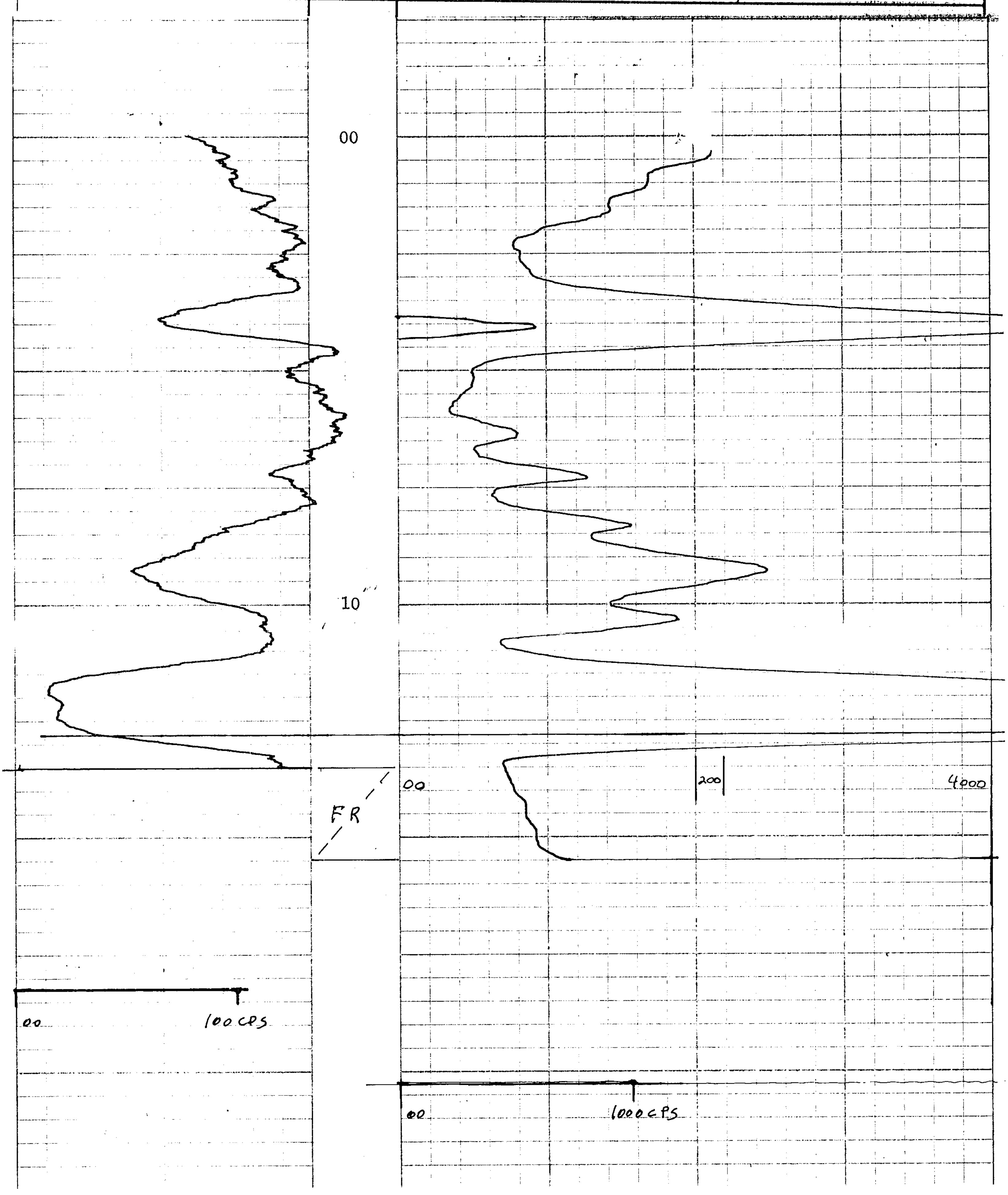
GAMMA RAY		NEUTRON	
RUN NO.	ONE.	RUN NO.	ONE
TOOL MODEL NO.	125A	LOG TYPE	NEUTRON/NEUTRON
DIAMETER	3.2 CM	TOOL MODEL NO.	125A
DETECTOR MODEL NO.		DIAMETER	3.2 CM
TYPE	SCINTILLATION	DETECTOR MODEL NO.	
LENGTH	10 CM	TYPE	PROPORTIONAL
DISTANCE TO N. SOURCE	215.2 CM	LENGTH	
		SOURCE MODEL NO.	MRC-N-SS-W
GENERAL		SERIAL NO.	126
HOIST TRUCK NO.	38	SPACING	43.2 CM
INSTRUMENT TRUCK NO.	38	TYPE	AmBe
TOOL SERIAL NO.	125A004	STRENGTH	3 CURIES

LOGGING DATA

GENERAL				GAMMA RAY				NEUTRON			
RUN NO.	DEPTHS FROM	DEPTHS TO	SPEED M/MIN	T.C. SEC.	SENS SETTINGS	ZERO DIV. L OR R	API G. R. UNITS PER LOG DIV.	T. C. SEC.	SENS SETTINGS	ZERO DIV. L OR R	API N. UNITS PER LOG DIV.
ONE	00	15.5	4	3	500	00	15	3	5000	00	200

REMARKS LOGGED THROUGH 5.1 CM I.D. DRILL RODS

GAMMA RAY	DEPTHS	NEUTRON
GAMMA RAY INCREASES →		NEUTRON INCREASES →
API 15		API 200
0 150		0 2000 4000



PR-Goodrich 80(3)A 80-01

ROKE

OIL ENTERPRISES LTD. CALGARY, ALBERTA

GAMMA RAY NEUTRON LOG

FILE NO.

COMPANY	GULF CANADA RESOURCES INCORPORATED
WELL	GR-80-01
LOCATION	GOODRICH PROPERTY
FIELD	CHETWYND
PROVINCE	BRITISH COLUMBIA

LSD
SEC
TWP
RGE
W M

Other Services: NIL

Permanent Datum GROUND LEVEL Elev.
Log Measured from GROUND LEVEL Above Perm. Datum
Well Depths Measured from GROUND LEVEL

K.B.
CSG
G.L.

METRIC

Run. No.	ONE		
Date	8 JULY 1980		
First Reading	102 M		
Last Reading	0		
Footage Logged	102		
Depth Reached	103		
Depth Driller	108.5		
Casing Roke	-		
Casing Driller	-		
Fluid Type	WATER		
Liquid Level	22		
Min. Diam.	5.1 CM		
Rm @			
Operating Time	0.5 HOUR		
Truck No.	38		
Recorded By	ROBERTSON	Witnessed By	JORDAN

531

EQUIPMENT DATA

GAMMA RAY		NEUTRON	
RUN NO.	ONE	RUN NO.	ONE
TOOL MODEL NO.	125A	LOG TYPE	NEUTRON/NEUTRON
DIAMETER	3.2 CM	TOOL MODEL NO.	125A
DETECTOR MODEL NO.		DIAMETER	3.2 CM
TYPE	SCINTILLATION	DETECTOR MODEL NO.	
LENGTH	10 CM	TYPE	PROPORTIONAL
DISTANCE TO N. SOURCE	20.7 CM	LENGTH	
		SOURCE MODEL NO.	MRC-N-SS-W
GENERAL		SERIAL NO.	126
HOIST TRUCK NO.	38	SPACING	43.2 CM
INSTRUMENT TRUCK NO.	38	TYPE	AmBe
TOOL SERIAL NO.	125A004	STRENGTH	3 CURIES

LOGGING DATA

GENERAL				GAMMA RAY				NEUTRON			
RUN NO.	DEPTHS FROM	DEPTHS TO	SPEED M/MIN	T.C. SEC.	SENS SETTINGS	ZERO DIV. L OR R	API G. R. UNITS PER LOG DIV.	T. C. SEC.	SENS SETTINGS	ZERO DIV. L OR R	API N. UNITS PER LOG DIV.
ONE	0	102	4	3	500	0	15	3	5000	0	200 API

REMARKS LOGGED THROUGH 5.1 CM I.D. DRILL RODS

PR-Goodrich 80(3)A 80-01

ROKE

OIL ENTERPRISES LTD. CALGARY, ALBERTA

SIDEWALL DENSILOG
CALIPER

FILE NO.

COMPANY GULF CANADA RESOURCES INCORPORATED
WELL GR-80-01 (REDRILLED)
LOCATION GOODRICH PROPERTY
FIELD CHETWYND
PROVINCE BRITISH COLUMBIA

LSD
SEC
TWP
RGE
W M

Other Services:
GRN

Permanent Datum GROUND LEVEL Elev.
Log Measured from GROUND LEVEL Above Perm. Datum
Well Depths Measured from GROUND LEVEL

K.B.
CSG
G.L.
METRIC

Run. No.	ONE
Date	17 JULY 1980
First Reading	15 M
Last Reading	0
Footage Logged	15
Depth Reached	16
Depth Driller	16.5
Casing Roke	-
Casing Driller	-
Fluid Type	WATER
Liquid Level	5
Min. Diam.	13 CM
Operating Time	0.25 HOUR
Truck No.	38

Recorded By ROBERTSON
Witnessed By JORDAN

531

GENERAL				GAMMA RAY				SIDEWALL DENSILOG			
RUN NO.	DEPTHS FROM	DEPTHS TO	SPEED M/MIN	T.C. SEC.	SENS SETTINGS	ZERO DIV.L OR R	API G.R. UNITS PER LOG DIV.	T.C. SEC.	SENS SETTINGS	ZERO DIV.L OR R	CPS/ DIV
ONE	0	15	8					0.5	5000	1.59	208.67

REMARKS
DENS TOOL #241AS
CAL TOOL #459
JOB #5119

PR-Goodrich 80(3)A 80-05

ROKE

OIL ENTERPRISES LTD. CALGARY, ALBERTA

GAMMA RAY NEUTRON LOG

FILE NO.
LSD
SEC
TWP
RGE
W____M

COMPANY GULF CANADA RESOURCES INCORPORATED
WELL GR-80-05
LOCATION GOODRICH PROPERTY
FIELD CHETWYND
PROVINCE BRITISH COLUMBIA

Other Services: DENS-CAL, DIR FEL 5 & 20 CM

Permanent Datum GROUND LEVEL Elev.
Log Measured from GROUND LEVEL Above Perm. Datum
Well Depths Measured from GROUND LEVEL

K.B.
CSG
G.L.

METRIC

Run. No.	ONE
Date	13 JULY 1980
First Reading	191.5 M
Last Reading	0
Footage Logged	191.5
Depth Reached	192.5
Depth Driller	192.5
Casing Roke	9
Casing Driller	9
Fluid Type	WATER
Liquid Level	46
Min. Diam.	12.75 CM
Rm @	
Operating Time	1 HOUR
Truck No.	38

Recorded By ROBERTSON
Witnessed By JORDAN

531

EQUIPMENT DATA

GAMMA RAY	
RUN NO.	ONE
TOOL MODEL NO.	125A
DIAMETER	3.2 CM
DETECTOR MODEL NO.	
TYPE	SCINTILLATION
LENGTH	10.2 CM
DISTANCE TO N. SOURCE	215.2 CM

GENERAL	
HOIST TRUCK NO.	38
INSTRUMENT TRUCK NO.	38
TOOL SERIAL NO.	125A004/126

NEUTRON	
RUN NO.	ONE
LOG TYPE	NEUTRON/NEUTRON
TOOL MODEL NO.	125A
DIAMETER	3.2 CM
DETECTOR MODEL NO.	
TYPE	PROPORTIONAL
LENGTH	15 CM
SOURCE MODEL NO.	MRC-N-SS-W
SERIAL NO.	126
SPACING	43.2 CM
TYPE	AmBe
STRENGTH	3 CURIES

LOGGING DATA

GENERAL				GAMMA RAY				NEUTRON			
RUN NO.	DEPTHS FROM	DEPTHS TO	SPEED M /MIN	T.C. SEC.	SENS SETTINGS	ZERO DIV. L OR R	API G. R. UNITS PER LOG DIV.	T. C. SEC.	SENS SETTINGS	ZERO DIV. L OR R	API N. UNITS PER LOG DIV.
ONE	0	46	4	3	500	0	15	3	5000	15 L	200 API
	46	191.5	4	3	500	0	15	3	5000	0 L	200 API

REMARKS

PR-Goodrich 80(3)A 80-06

ROKE

OIL ENTERPRISES LTD. CALGARY, ALBERTA

SIDEWALL DENSILOG
CALIPER

FILE NO.
LSD
SEC
TWP
RGE
W_____M

COMPANY GULF CANADA RESOURCES INCORPORATED
WELL GR-80-06
LOCATION GOODRICH PROPERTY
FIELD CHETWYND
PROVINCE BRITISH COLUMBIA

Other Services: GRN, FBL 5 & 20CM, DIR

Permanent Datum GROUND LEVEL Elev.
Log Measured from GROUND LEVEL Above Perm. Datum
Well Depths Measured from GROUND LEVEL

K.B.
CSG
G.L.
METRIC

Run. No.	ONE
Date	14 JULY 1980
First Reading	176 M
Last Reading	0
Footage Logged	176
Depth Reached	177
Depth Driller	178
Casing Roke	-
Casing Driller	-
Fluid Type	WATER
Liquid Level	40
Min. Diam.	13.5 CM
Operating Time	2 HOURS
Truck No.	38

Recorded By ROBERTSON
Witnessed By JORDAN

531

GENERAL				GAMMA RAY				SIDEWALL DENSILOG			
RUN NO.	DEPTHS FROM	DEPTHS TO	SPEED M/MIN	T.C. SEC.	SENS SETTINGS	ZERO DIV.L OR R	API G.R. UNITS PER LOG DIV.	T.C. SEC.	SENS SETTINGS	ZERO DIV.L OR R	CPS/ DIV
ONE	0	176	8					0.5	5000	1.59 R	208.67

REMARKS
DENS TOOL #241AS
CAL TOOL #459
JOB #5119

PR-Goodrich 80(3)A 80-06

ROKE

OIL ENTERPRISES LTD. CALGARY, ALBERTA

FOCUSED BEAM LOG 5 CM 20 CM

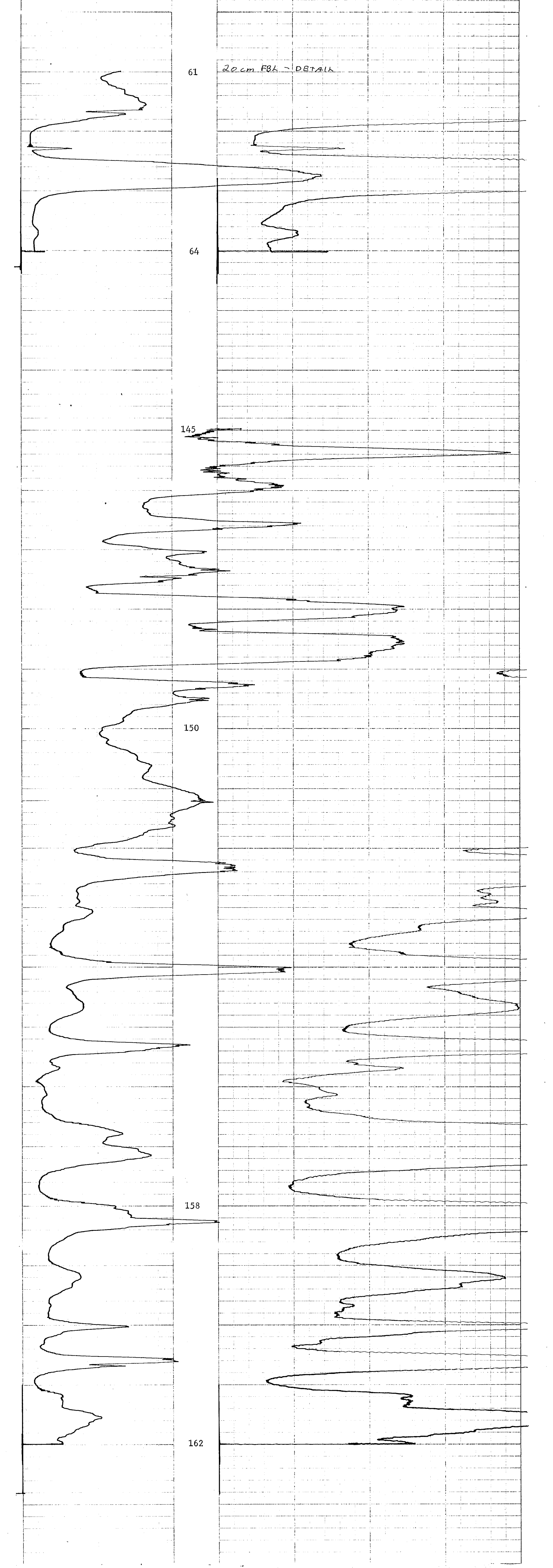
FILE NO.	
LSD	
SEC	
TWP	
RGE	
W M	
COMPANY	GULF CANADA RESOURCES INCORPORATED
WELL	GR-80-06
LOCATION	GOODRICH PROPERTY
FIELD	CHETWYND
PROVINCE	BRITISH COLUMBIA
Other Services:	GRN, DENS-CAL, DIR
Permanent Datum	GROUND LEVEL Elev.
Log Measured from	GROUND LEVEL Above Perm. Datum
Well Depths Measured from	GROUND LEVEL
K.B.	
CSG	
G.L.	
	METRIC

Run. No.	ONE
Date	14 JULY 1980
First Reading	176 M
Last Reading	33
Footage Logged	143
Depth Reached	177
Depth Driller	178
Casing Roke	-
Casing Driller	-
Fluid Type	WATER
Liquid Level	40
Min. Diam.	13.5
Rm @ °C	39.31 @ 7
Operating Time	2.5 HOUR
Truck No.	38
Recorded By	ROBERTSON
Witnessed By	JORDAN

531

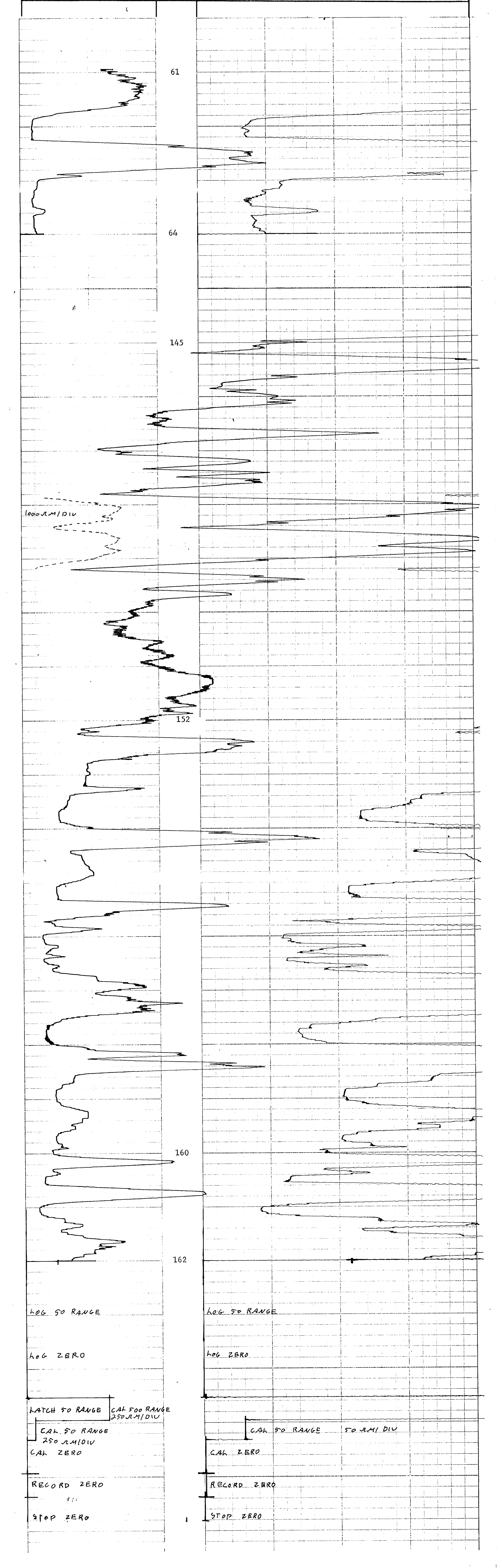
Remarks FBL # 8 CURRENT RANGE HIGH MUDFISH RESISTANCE 750 OHMS
7 ELECTRODE SONDE 20 CM BEAM WIDTH 100 CM ARRAY
PRIMARY 50 OHM/DIV SECONDARY 250 OHM/DIV

RESISTIVITY (OHM-METERS)	Depths	RESISTIVITY (OHM-METERS)
SECONDARY SCALE 0 2500		PRIMARY SCALE 0 500 1000 3250 5750 8250



Remarks FBL # 8 CURRENT RANGE STD MUDFISH RESISTANCE 750 OHMS
7 ELECTRODE SONDE 20 CM BEAM WIDTH 100 CM ARRAY
PRIMARY 50 OHM/DIV SECONDARY 250 OHM/DIV

RESISTIVITY (OHM-METERS)	Depths	RESISTIVITY (OHM-METERS)
SECONDARY SCALE 0 2500		PRIMARY SCALE 0 500 1000 3250 5750 8250



PR- Goodrich 80(3)A 80-06

ROKE

GAMMA RAY NEUTRON LOG

[redacted]

OIL ENTERPRISES LTD. CALGARY, ALBERTA

FILE NO.
LSD
SEC
TWP
RGE
W M

COMPANY GULF CANADA RESOURCES INCORPORATED
WELL GR-80-06
LOCATION GOODRICH PROPERTY
FIELD CHETWYND
PROVINCE BRITISH COLUMBIA

Other Services:
DENS-CAL, DIR
FBL 5 & 20 CM

Permanent Datum GROUND LEVEL Elev.
Log Measured from GROUND LEVEL Above Perm. Datum
Well Depths Measured from GROUND LEVEL

K.B.
CSG
G.L.
METRIC

Run. No.	ONE		
Date	14 JULY 1980		
First Reading	176 M		
Last Reading	0		
Footage Logged	176		
Depth Reached	177		
Depth Driller	178		
Casing Roke	-		
Casing Driller	-		
Fluid Type	WATER		
Liquid Level	40		
Min. Diam.	13.5 CM		
Rm @			
Operating Time	1 HOUR		531
Truck No.	38		

Recorded By ROBERTSON Witnessed By JORDAN

EQUIPMENT DATA

GAMMA RAY	
RUN NO.	ONE
TOOL MODEL NO.	125A
DIAMETER	3.2 CM
DETECTOR MODEL NO.	
TYPE	SCINTILLATION
LENGTH	10.2 CM
DISTANCE TO N. SOURCE	215.2 CM

GENERAL	
HOIST TRUCK NO.	38
INSTRUMENT TRUCK NO.	38
TOOL SERIAL NO.	125A004/126

NEUTRON	
RUN NO.	ONE
LOG TYPE	NEUTRON/NEUTRON
TOOL MODEL NO.	125A
DIAMETER	3.2 CM
DETECTOR MODEL NO.	
TYPE	PROPORTIONAL
LENGTH	15 CM
SOURCE MODEL NO.	MRC-N-SS-W
SERIAL NO.	126
SPACING	43.2
TYPE	AmBe
STRENGTH	3 CURIES

LOGGING DATA

GENERAL				GAMMA RAY				NEUTRON			
RUN	DEPTHS		SPEED	T.C.	SENS	ZERO	API G. R. UNITS	T. C.	SENS	ZERO	API N. UNITS
NO.	FROM	TO	M/MIN	SEC.	SETTINGS	DIV. L OR R	PER LOG DIV.	SEC.	SETTINGS	DIV. L OR R	PER LOG DIV.
ONE	0	39.75	4	3	500	0	15	3	5000	25 L	200 API
	39.75	176	4	3	500	0	15	3	5000	0 L	200 API

REMARKS

PR-Goodrich 80 (3)A 80-07

ROKE

OIL ENTERPRISES LTD. CALGARY, ALBERTA

FOCUSED BEAM LOG 5 CM 20 CM

FILE NO.
LSD
SEC
TWP
RGE
W ___ M

COMPANY GULF CANADA RESOURCES INCORPORATED
WELL GR-80-07
LOCATION GOODRICH PROPERTY
FIELD CHETWYND
PROVINCE BRITISH COLUMBIA

Other Services: GRN, DENS-CAL, DIR

Permanent Datum GROUND LEVEL Elev.
Log Measured from GROUND LEVEL Above Perm. Datum
Well Depths Measured from GROUND LEVEL

K.B.
CSG
G.L.
METRIC

Run. No.	ONE
Date	17 JULY 1980
First Reading	206 M
Last Reading	22.5
Footage Logged	183.5
Depth Reached	207
Depth Driller	213.4
Casing Roke	4
Casing Driller	4
Fluid Type	WATER
Liquid Level	25
Min. Diam.	12.25 CM
Rm @ °C	31 @ 9
Operating Time	2 HOURS
Truck No.	38

Recorded By ROBERTSON
Witnessed By JORDAN

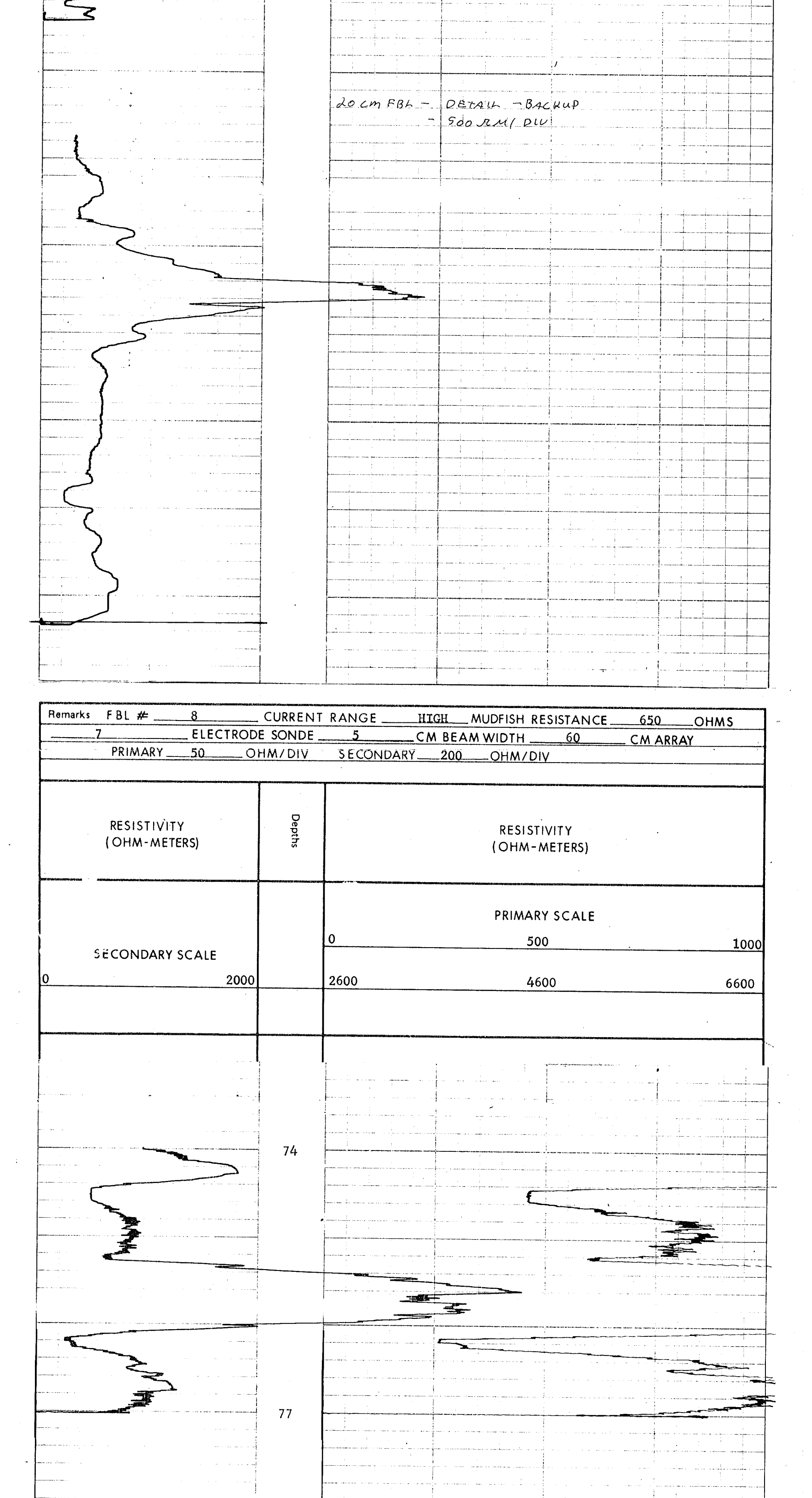
531

Remarks FBL # 8 CURRENT RANGE HIGH MUDFISH RESISTANCE 650 OHMS
7 ELECTRODE SONDE 20 CM BEAM WIDTH 100 CM ARRAY
PRIMARY 50 OHM/DIV SECONDARY 200 OHM/DIV

RESISTIVITY (OHM-METERS)	Depths	RESISTIVITY (OHM-METERS)
SECONDARY SCALE 0 2000		PRIMARY SCALE 0 500 1000 2600 4600 6600

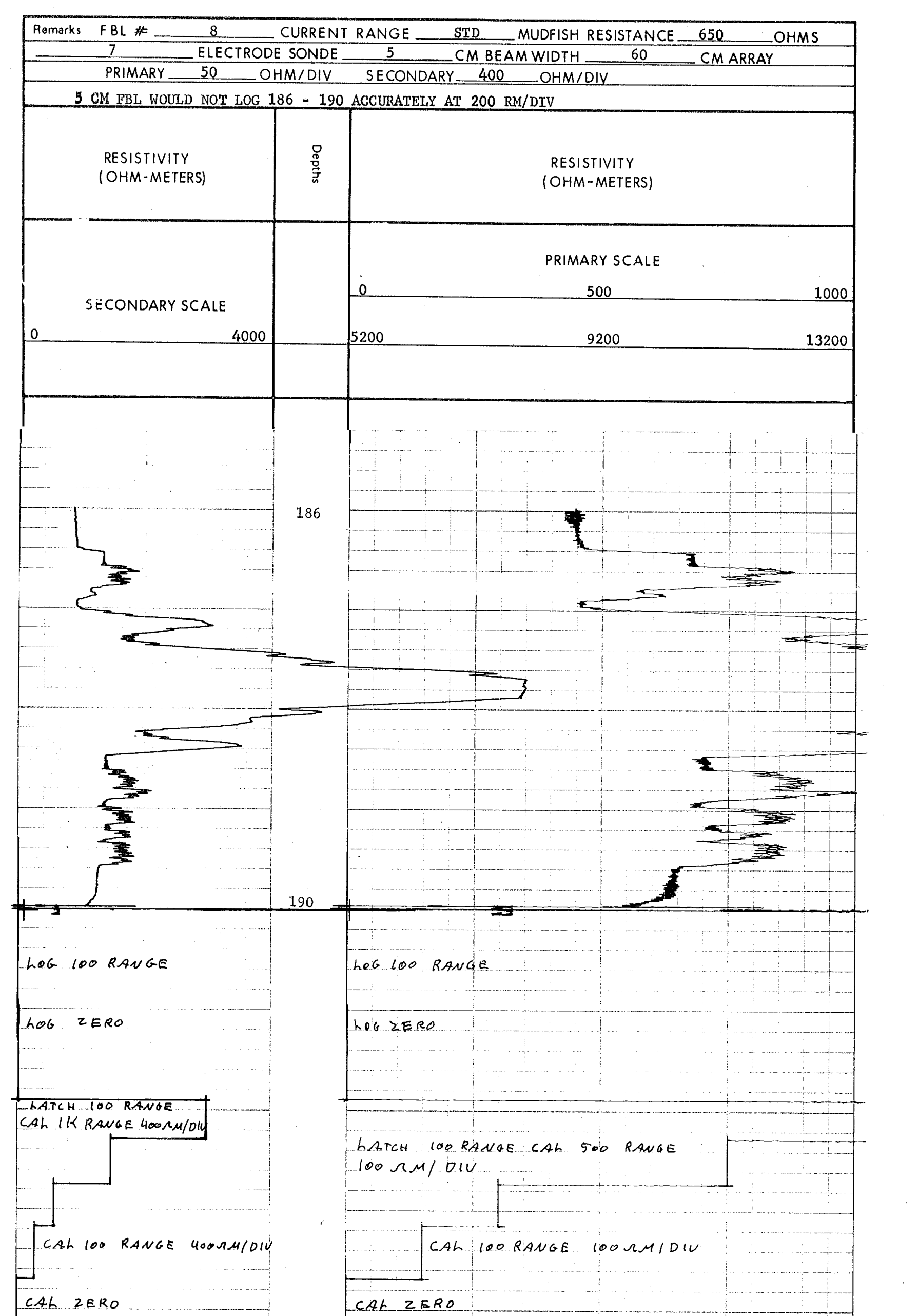
Remarks FBL # 8 CURRENT RANGE HIGH MUDFISH RESISTANCE 650 OHMS
7 ELECTRODE SONDE 5 CM BEAM WIDTH 60 CM ARRAY
PRIMARY 50 OHM/DIV SECONDARY 200 OHM/DIV

RESISTIVITY (OHM-METERS)	Depths	RESISTIVITY (OHM-METERS)
SECONDARY SCALE 0 2000		PRIMARY SCALE 0 500 1000 2600 4600 6600



Remarks FBL # 8 CURRENT RANGE STD MUDFISH RESISTANCE 650 OHMS
7 ELECTRODE SONDE 5 CM BEAM WIDTH 60 CM ARRAY
PRIMARY 50 OHM/DIV SECONDARY 400 OHM/DIV
5 CM FBL WOULD NOT LOG 186 - 190 ACCURATELY AT 200 RM/DIV

RESISTIVITY (OHM-METERS)	Depths	RESISTIVITY (OHM-METERS)
SECONDARY SCALE 0 4000		PRIMARY SCALE 0 500 1000 5200 9200 13200



PR-Goodrich 80(3)A 80-07

ROKE

OIL ENTERPRISES LTD. CALGARY, ALBERTA

GAMMA RAY NEUTRON LOG

FILE NO.
LSD
SEC
TWP
RGE
W_____M

COMPANY GULF CANADA RESOURCES INCORPORATED
WELL GR-80-07
LOCATION GOODRICH PROPERTY
FIELD CHETWYND
PROVINCE BRITISH COLUMBIA

Other Services:
DENS-CAL, DIR
FBL 5 & 20 CM

Permanent Datum GROUND LEVEL Elev.
Log Measured from GROUND LEVEL Above Perm. Datum
Well Depths Measured from GROUND LEVEL

K.B.
CSG
G.L.
METRIC

Run. No.	ONE
Date	17 JULY 1980
First Reading	206.5 M
Last Reading	0
Footage Logged	206.5
Depth Reached	207.5
Depth Driller	213.4
Casing Roke	4
Casing Driller	4
Fluid Type	WATER
Liquid Level	25
Min. Diam.	12.25
Rm @	
Operating Time	2 HOURS
Truck No.	38
Recorded By	ROBERTSON
Witnessed By	JORDAN

531

EQUIPMENT DATA

GAMMA RAY		NEUTRON	
RUN NO.	ONE	RUN NO.	ONE
TOOL MODEL NO.	125A	LOG TYPE	NEUTRON/NEUTRON
DIAMETER	3.2 CM	TOOL MODEL NO.	125A
DETECTOR MODEL NO.		DIAMETER	3.2 CM
TYPE	SCINTILLATION	DETECTOR MODEL NO.	
LENGTH	10.2 CM	TYPE	PROPORTIONAL
DISTANCE TO N. SOURCE	215.2 CM	LENGTH	15 CM
		SOURCE MODEL NO.	MRC-N-SS-W
GENERAL		SERIAL NO.	126
HOIST TRUCK NO.	38	SPACING	43.2 CM
INSTRUMENT TRUCK NO.	38	TYPE	AmBe
TOOL SERIAL NO.	125A004/126	STRENGTH	3 CURIES

LOGGING DATA

GENERAL				GAMMA RAY				NEUTRON			
RUN NO.	DEPTHS FROM	DEPTHS TO	SPEED M/MIN	T.C. SEC.	SENS SETTINGS	ZERO DIV. L OR R	API G. R. UNITS PER LOG DIV.	T. C. SEC.	SENS SETTINGS	ZERO DIV. L OR R	API N. UNITS PER LOG DIV.
ONE	0	23.5	4	3	500	0	15	3	5000	15	200 API
	23.5	206.5	4	3	500	0	15	3	5000	0	200 API

REMARKS

PR-Goodrich 80(3)A 80-07

ROKE

SIDEWALL DENSILOG
CALIPER

OIL ENTERPRISES LTD. CALGARY, ALBERTA

FILE NO.
LSD
SEC
TWP
RGE
W M

COMPANY GULF CANADA RESOURCES INCORPORATED
WELL GR-80-07
LOCATION GOODRICH PROPERTY
FIELD CHETWYND
PROVINCE BRITISH COLUMBIA

Other Services: DIR GRN, FBL 5 & 20CM

Permanent Datum GROUND LEVEL Elev.
Log Measured from GROUND LEVEL Above Perm. Datum
Well Depths Measured from GROUND LEVEL

K.B.
CSG
G.L.
METRIC

Run. No.	ONE		
Date	17 JULY 1980		
First Reading	206 M		
Last Reading	0		
Footage Logged	206		
Depth Reached	207		
Depth Driller	213.4		
Casing Roke	4		
Casing Driller	4		
Fluid Type	WATER		
Liquid Level	25		
Min. Diam.	12.25 CM		
Operating Time	2 HOURS		
Truck No.	38	531	

Recorded By ROBERTSON
Witnessed By JORDAN

GENERAL				GAMMA RAY				SIDEWALL DENSILOG			
RUN NO.	DEPTHS FROM	DEPTHS TO	SPEED M/MIN	T.C. SEC.	SENS SETTINGS	ZERO DIV.L OR R	API G.R. UNITS PER LOG DIV.	T.C. SEC.	SENS SETTINGS	ZERO DIV.L OR R	CPS/DIV
ONE	0	206	8					0.5	5000	1.59 R	208.67

REMARKS
DENS TOOL #241AS
CAL TOOL #459
JOB #5119

PR-Goodrich 80(3)A 80-08

ROKE

SIDEWALL DENSILOG
CALIPER

OIL ENTERPRISES LTD. CALGARY, ALBERTA

FILE NO.	
LSD	
SEC	
TWP	
RGE	
W M	
COMPANY	GULF CANADA RESOURCES INCORPORATED
WELL	GR-80-08
LOCATION	GOODRICH PROPERTY
FIELD	CHETWYND
PROVINCE	BRITISH COLUMBIA

Other Services:
GRN, DIR
FBL 5 & 20 CM

Permanent Datum GROUND LEVEL Elev.
Log Measured from GROUND LEVEL Above Perm. Datum
Well Depths Measured from GROUND LEVEL

K.B.
CSG
G.L.
METRIC

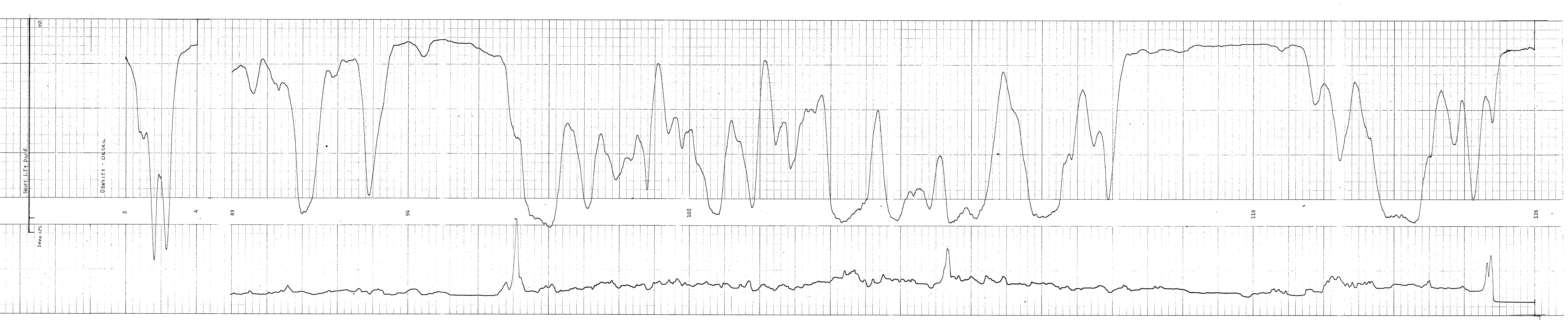
Run. No.	ONE		
Date	18 JULY 1980		
First Reading	229.5 M		
Last Reading	0		
Footage Logged	229.5		
Depth Reached	230.5		
Depth Driller	281.4		
Casing Roke	25		
Casing Driller	25		
Fluid Type	WATER		
Liquid Level	FULL		
Min. Diam.	12.25 CM		
Operating Time	2 HOURS		
Truck No.	38		

531

Recorded By ROBERTSON Witnessed By JORDAN

GENERAL				GAMMA RAY				SIDEWALL DENSILOG			
RUN NO.	DEPTHS FROM	DEPTHS TO	SPEED M/MIN	T.C. SEC.	SENS SETTINGS	ZERO DIV.L OR R	API G.R. UNITS PER LOG DIV.	T.C. SEC.	SENS SETTINGS	ZERO DIV.L OR R	CPS/DIV
ONE	0	229.5	8					0.5	5000	1.59 R	208.67

REMARKS
DENS TOOL #241AS
CAL TOOL #459
JOB #5119



PR-Goodrich 80(3)A 80-10

ROKE

SIDEWALL DENSILOG
CALIPER

OIL ENTERPRISES LTD. CALGARY, ALBERTA

FILE NO.
LSD
SEC
TWP
RGE
W____M

COMPANY GULF CANADA RESOURCES INCORPORATED
WELL GR-80-10
LOCATION GOODRICH PROPERTY
FIELD CHETWYND
PROVINCE BRITISH COLUMBIA

Other Services:
GRN, DIR
FBL 5 & 20 CM

Permanent Datum GROUND LEVEL Elev.
Log Measured from GROUND LEVEL Above Perm. Datum
Well Depths Measured from GROUND LEVEL

K.B.
CSG
G.L.
METRIC

Run. No.	ONE
Date	21 JULY 1980
First Reading	261 M
Last Reading	0
Footage Logged	261
Depth Reached	262
Depth Driller	263.5
Casing Roke	18.25
Casing Driller	18.25
Fluid Type	WATER
Liquid Level	9.5
Min. Diam.	12.25 CM
Operating Time	2 HOURS
Truck No.	38

Recorded By ROBERTSON Witnessed By JORDAN

531

GENERAL				GAMMA RAY				SIDEWALL DENSILOG			
RUN NO.	DEPTHS FROM	DEPTHS TO	SPEED M/MIN	T.C. SEC.	SENS SETTINGS	ZERO DIV.L OR R	API G.R. UNITS PER LOG DIV.	T.C. SEC.	SENS SETTINGS	ZERO DIV.L OR R	CPS/ DIV
ONE	0	261	8					0.5	5000	1.59 R	208.67

REMARKS
DENS TOOL #241AS
CAL TOOL #459
JOB #5119

PR-Goodrich 80(3)A 80-10

ROKE

FOCUSED BEAM LOG 5 CM 20 CM

OIL ENTERPRISES LTD. CALGARY, ALBERTA

FILE NO.	
COMPANY	GULF CANADA RESOURCES INCORPORATED
WELL	GR-80-10
LOCATION	GOODRICH PROPERTY
FIELD	CHETWYND
PROVINCE	BRITISH COLUMBIA
LSD	
SEC	
TWP	
RGE	
W M	
Other Services:	GRN, DENS-CAL, DIR
Permanent Datum	GROUND LEVEL Elev.
Log Measured from	GROUND LEVEL Above Perm. Datum
Well Depths Measured from	GROUND LEVEL
K.B.	
CSG	
G.L.	
	METRIC

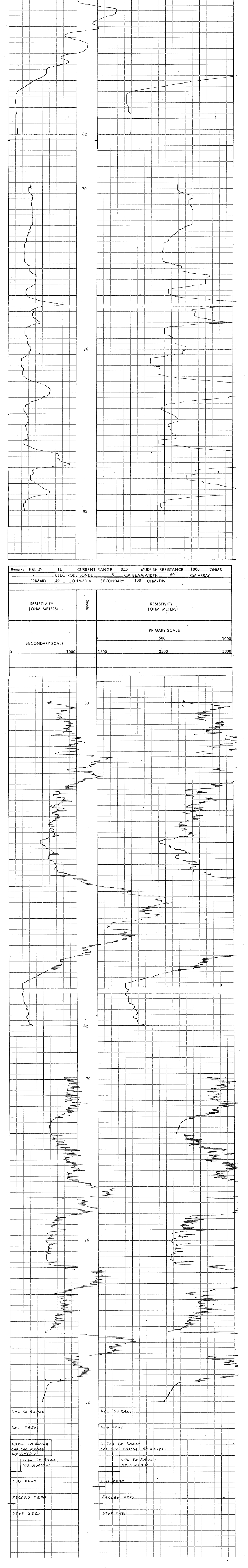
Run. No.	ONE			
Date	11 AUG 1980			
First Reading	260 M			
Last Reading	18			
Footage Logged	242			
Depth Reached	261			
Depth Driller	262.5			
Casing Roke	18.25			
Casing Driller	18.25			
Fluid Type	WATER			
Liquid Level	9.5			
Min. Diam.	12.25 CM			
Rm @ °C	13.5 @ 9			
Operating Time	2 HOURS			
Truck No.	106		531	
Recorded By	ROBERTSON	Witnessed By	JORDAN	

Remarks FBL # 11 CURRENT RANGE STD MUDFISH RESISTANCE 1000 OHMS
7 ELECTRODE SONDE 20 CM BEAM WIDTH 100 CM ARRAY
PRIMARY 50 OHM/DIV SECONDARY 200 OHM/DIV

RESISTIVITY (OHM-METERS)	Depths	RESISTIVITY (OHM-METERS)
SECONDARY SCALE 0 2000		PRIMARY SCALE 0 500 1000 2600 4600 6600

Remarks FBL # 11 CURRENT RANGE STD MUDFISH RESISTANCE 1000 OHMS
7 ELECTRODE SONDE 5 CM BEAM WIDTH 60 CM ARRAY
PRIMARY 50 OHM/DIV SECONDARY 100 OHM/DIV

RESISTIVITY (OHM-METERS)	Depths	RESISTIVITY (OHM-METERS)
SECONDARY SCALE 0 1000		PRIMARY SCALE 0 500 1000 1300 2300 3300



PR-Goodrich 80(3)A 80-10

ROKE

OIL ENTERPRISES LTD. CALGARY, ALBERTA

GAMMA RAY NEUTRON LOG

FILE NO.

LSD

SEC

TWP

RGE

W______M

COMPANY GULF CANADA RESOURCES INCORPORATED

WELL GR-80-10

LOCATION GOODRICH PROPERTY

FIELD CHETWYND

PROVINCE BRITISH COLUMBIA

Other Services: DENS-CAL, DIR FBL 5 & 20 CM

Permanent Datum GROUND LEVEL Elev.

Log Measured from GROUND LEVEL Above Perm. Datum

Well Depths Measured from GROUND LEVEL

K.B.

CSG

G.L.

METRIC

Run. No.	ONE
Date	21 JULY 1980
First Reading	261.5 M
Last Reading	0
Footage Logged	261.5
Depth Reached	262.5
Depth Driller	263
Casing Roke	18.25
Casing Driller	18.25
Fluid Type	WATER
Liquid Level	9.5
Min. Diam.	12.25 CM
Rm @	
Operating Time	1 HOUR
Truck No.	38
Recorded By	ROBERTSON
Witnessed By	JORDAN

531

EQUIPMENT DATA

GAMMA RAY		NEUTRON	
RUN NO.	ONE	RUN NO.	ONE
TOOL MODEL NO.	125A	LOG TYPE	NEUTRON/NEUTRON
DIAMETER	3.2 CM	TOOL MODEL NO.	125A
DETECTOR MODEL NO.		DIAMETER	3.2 CM
TYPE	SCINTILLATION	DETECTOR MODEL NO.	
LENGTH	10.2 CM	TYPE	PROPORTIONAL
DISTANCE TO N. SOURCE	215.2	LENGTH	15
		SOURCE MODEL NO.	MRC-N-SS-W
GENERAL		SERIAL NO.	126
HOIST TRUCK NO.	38	SPACING	43.2 CM
INSTRUMENT TRUCK NO.	38	TYPE	AmBe
TOOL SERIAL NO.	125A004/126	STRENGTH	3 CURIES

LOGGING DATA

GENERAL				GAMMA RAY				NEUTRON			
RUN NO.	DEPTHS FROM	DEPTHS TO	SPEED M/MIN	T.C. SEC.	SENS SETTINGS	ZERO DIV. L OR R	API G. R. UNITS PER LOG DIV.	T. C. SEC.	SENS SETTINGS	ZERO DIV. L OR R	API N. UNITS PER LOG DIV.
ONE	0	9.5	4	3	500	0	15	3	5000	10 L	100 API
	9.5	261.5	4	3	500	0	15	3	5000	0 L	100 API

REMARKS

PR-Goodrich 80(3)A 80-11

ROKE

FOCUSED BEAM LOC [redacted] 20 CM

OIL ENTERPRISES LTD. CALGARY, ALBERTA

FILE NO.
LSD
SEC
TWP
RGE
W ____ M

COMPANY GULF CANADA RESOURCES INCORPORATED
WELL GR-80-11
LOCATION GOODRICH PROPERTY
FIELD CHETWYND
PROVINCE BRITISH COLUMBIA
Other Services: GRN, DENS-CAL, DIR

Permanent Datum GROUND LEVEL Elev.
Log Measured from GROUND LEVEL Above Perm. Datum
Well Depths Measured from GROUND LEVEL
K.B.
CSG
G.L.
METRIC

Run. No.	ONE
Date	9 AUG 1980
First Reading	278 M
Last Reading	27
Footage Logged	251
Depth Reached	279
Depth Driller	280
Casing Roke	28
Casing Driller	28
Fluid Type	WATER
Liquid Level	16.5
Min. Diam.	13.25 CM
Rm @ °C	28.2 @ 9
Operating Time	2 HOURS
Truck No.	38
Recorded By	ROBERTSON
Witnessed By	JORDAN

531

Remarks FBL # 6 CURRENT RANGE HIGH MUDFISH RESISTANCE 950 OHMS
7 ELECTRODE SONDE 20 CM BEAM WIDTH 100 CM ARRAY
PRIMARY 50 OHM/DIV SECONDARY 200 OHM/DIV

RESISTIVITY (OHM-METERS)	Depths	RESISTIVITY (OHM-METERS)
SECONDARY SCALE		PRIMARY SCALE
		0 500 1000
0 2000		2600 4600 6600

LOG 50 RANGE
LOG ZERO

LOG 50 RANGE
LOG ZERO

LATCH 50 RANGE
CAL 200 RANGE 200 ΩM/DIV
CAL 50 RANGE
200 ΩM/DIV
CAL ZERO
RECORD ZERO
STOP ZERO

CAL 50 RANGE
50 ΩM/DIV
CAL ZERO
RECORD ZERO
STOP ZERO

20cm FBL - DETAIL

20cm FBL - GENERAL SCALE
- BACKUP
- 4,000 ΩM/DIV

PR-Goodrich 80 (3)A 80-11

ROKE

OIL ENTERPRISES LTD. CALGARY, ALBERTA

SIDEWALL DENSILOG
CALIPER

FILE NO.
LSD
SEC
TWP
RGE
W M

COMPANY GULF CANADA RESOURCES INCORPORATED
WELL GR-80-11
LOCATION GOODRICH PROPERTY
FIELD CHETWYND
PROVINCE BRITISH COLUMBIA

Other Services:
GRN DIR
FBL 20 CM

Permanent Datum GROUND LEVEL Elev.
Log Measured from GROUND LEVEL Above Perm. Datum
Well Depths Measured from GROUND LEVEL

K.B.
CSG
G.L.
METRIC

Run. No.	ONE
Date	24 JULY 1980
First Reading	278.5 M
Last Reading	0
Footage Logged	278.5
Depth Reached	279.5
Depth Driller	280
Casing Roke	28
Casing Driller	28
Fluid Type	WATER
Liquid Level	16.5
Min. Diam.	13.25 CM
Operating Time	2 HOURS
Truck No.	38

Recorded By ROBERTSON
Witnessed By JORDAN

531

GENERAL				GAMMA RAY				SIDEWALL DENSILOG			
RUN NO.	DEPTHS FROM	DEPTHS TO	SPEED M/MIN	T.C. SEC.	SENS SETTINGS	ZERO DIV.L OR R	API G.R. UNITS PER LOG DIV.	T.C. SEC.	SENS SETTINGS	ZERO DIV.L OR R	CPS/ DIV
ONE	0	278.5	8					0.5	5000	1.59 R	208.67

REMARKS
DENS TOOL #241AS
CAL TOOL #459
JOB #5119

CALIPER
DIAMETER – CM
13 18 23 28

DEPTHS

BULK DENSITY
(GRAMS/CC)
1.00 1.10 1.20 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

PR-Goodrich 80(3)A 80-12

ROKE

OIL ENTERPRISES LTD. CALGARY, ALBERTA

FOCUSED BEAM LOG 5 CM 20 CM

FILE NO.	
COMPANY	GULF CANADA RESOURCES INCORPORATED
WELL	GR-80-12
LOCATION	GOODRICH PROPERTY
FIELD	CHETWYND
PROVINCE	BRITISH COLUMBIA
LSD	
SEC	
TWP	
RGE	
W M	
Other Services:	GRN, DENS-CAL, DIR
Permanent Datum	GROUND LEVEL
Elev	
Log Measured from	GROUND LEVEL
Above Perm. Datum	
Well Depths Measured from	GROUND LEVEL
K.B.	
CSG	
G.L.	
	METRIC
Run No.	ONE
Date	29 JULY 1980
First Reading	260.5 M
Last Reading	24
Footage Logged	236.5
Depth Reached	261.5
Depth Driller	262.1
Casing Roke	24
Casing Driller	24
Fluid Type	WATER
Liquid Level	20
Min. Diam.	12.75
Rm @ °C	36.5 @ 6
Operating Time	3 HOURS
Truck No.	38
Recorded By	ROBERTSON
Witnessed By	JORDAN

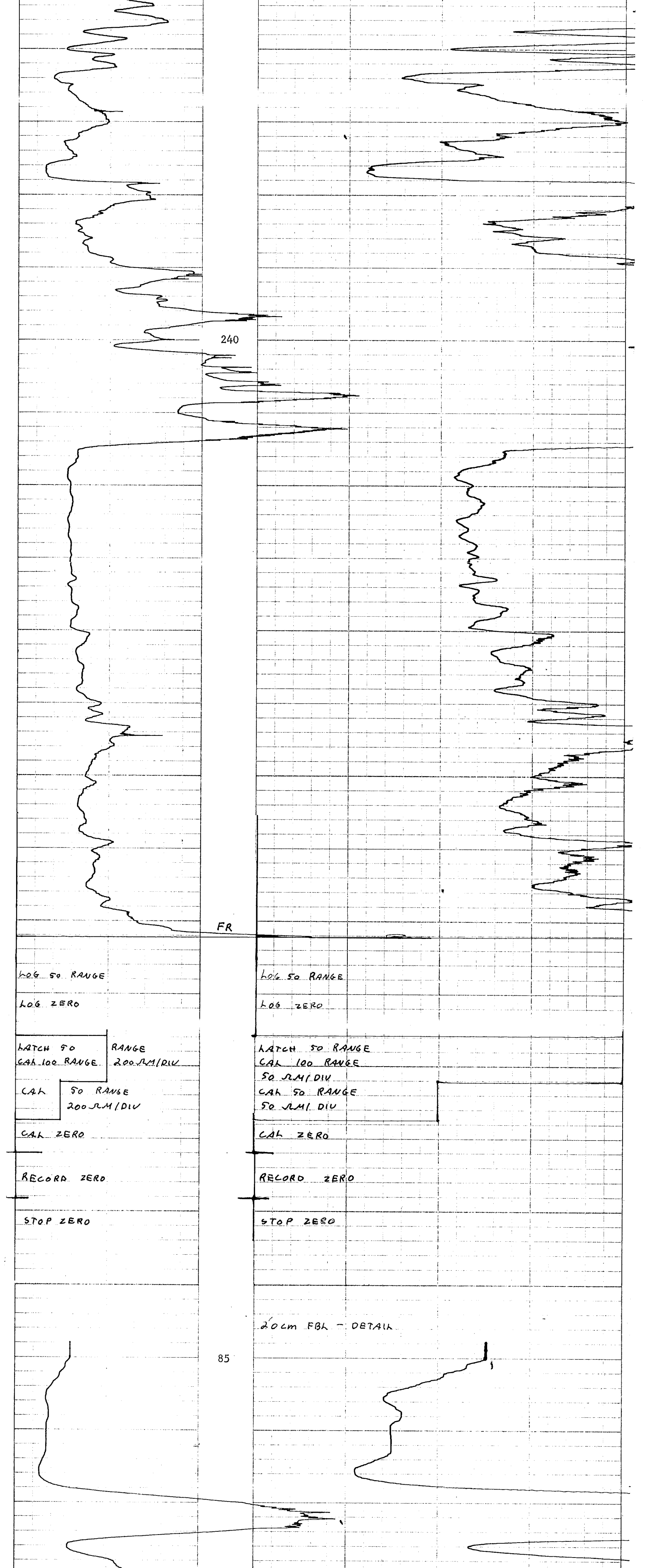
531

Remarks FBL # 6 CURRENT RANGE HIGH MUDFISH RESISTANCE 900 OHMS
7 ELECTRODE SONDE 20 CM BEAM WIDTH 100 CM ARRAY
PRIMARY 50 OHM/DIV SECONDARY 200 OHM/DIV

RESISTIVITY (OHM-METERS)	Depths	RESISTIVITY (OHM-METERS)
SECONDARY SCALE		PRIMARY SCALE
0 — 2000		0 — 500 — 1000
		2600 — 4600 — 6600

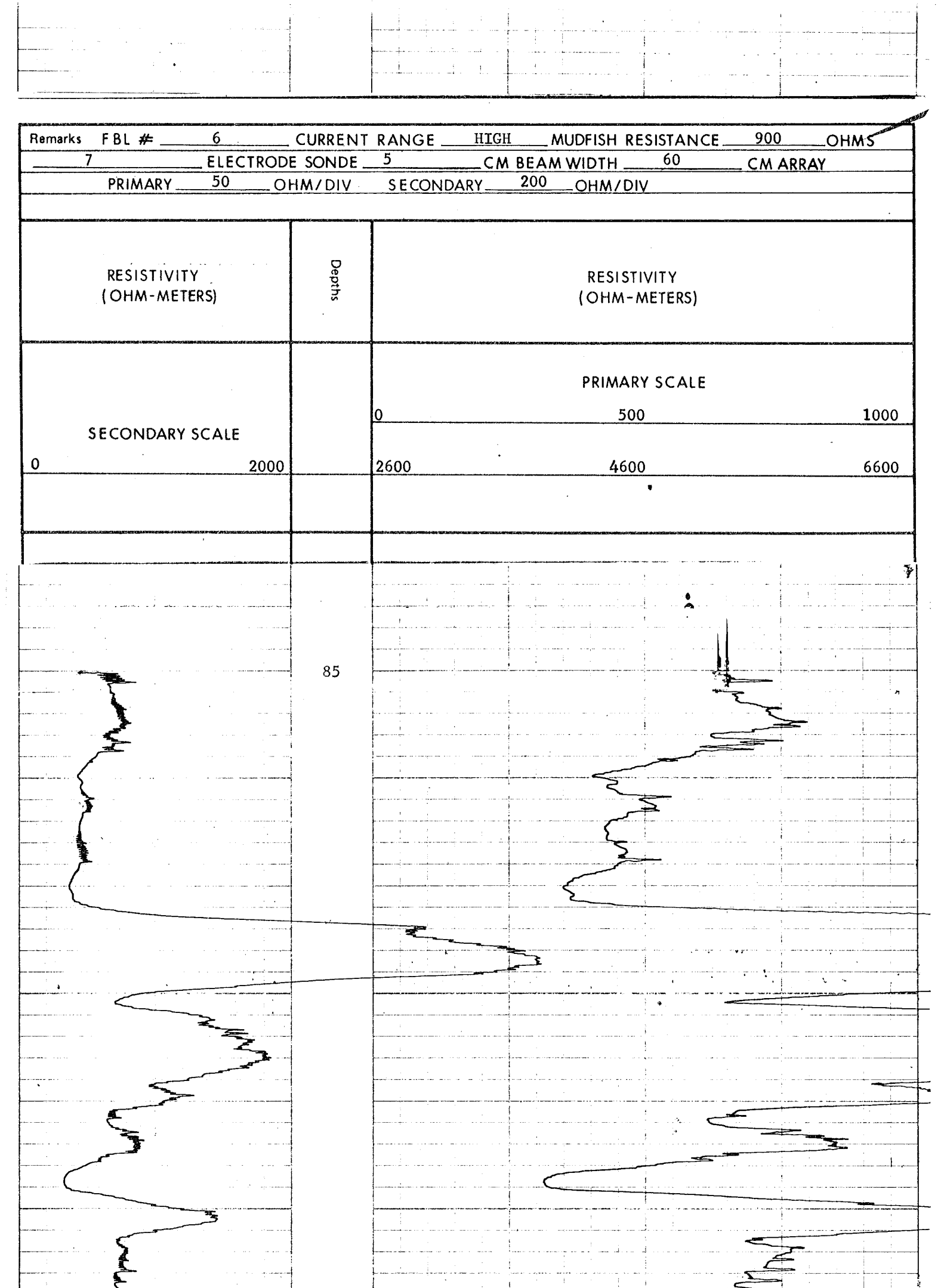
LOG 50 RANGE | LOG 50 RANGE
LOG ZERO | LOG ZERO
LATCH 50 RANGE | LATCH 50 RANGE
CAL 100 RANGE 200 Ω M/DIV | CAL 100 RANGE 50 Ω M/DIV
CAL 50 RANGE 200 Ω M/DIV | CAL 50 RANGE 50 Ω M/DIV
CAL ZERO | CAL ZERO
RECORD ZERO | RECORD ZERO
STOP ZERO | STOP ZERO

20cm FBL - DETAIL



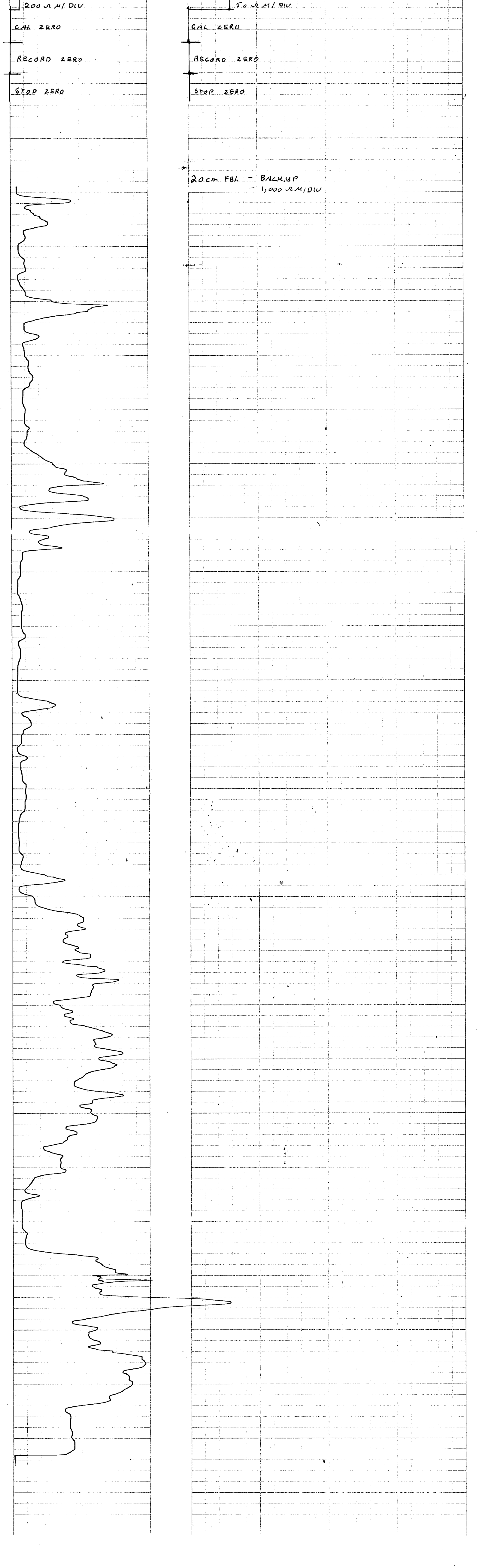
Remarks FBL # 6 CURRENT RANGE HIGH MUDFISH RESISTANCE 900 OHMS
7 ELECTRODE SONDE 5 CM BEAM WIDTH 60 CM ARRAY
PRIMARY 50 OHM/DIV SECONDARY 200 OHM/DIV

RESISTIVITY (OHM-METERS)	Depths	RESISTIVITY (OHM-METERS)
SECONDARY SCALE		PRIMARY SCALE
0 — 2000		0 — 500 — 1000
		2600 — 4600 — 6600



LOG 50 RANGE | LOG 50 RANGE
LOG ZERO | LOG ZERO
LATCH 50 RANGE | LATCH 50 RANGE
CAL 200 RANGE 200 Ω M/DIV | CAL 200 RANGE 50 Ω M/DIV
CAL 50 RANGE 200 Ω M/DIV | CAL 50 RANGE 50 Ω M/DIV
CAL ZERO | CAL ZERO
RECORD ZERO | RECORD ZERO
STOP ZERO | STOP ZERO

20cm FBL - BACKUP
- 1,000 Ω M/DIV



PR-Goodrich 80(3)A 80-12

ROKE

SIDEWALL DENSILOG
CALIPER

OIL ENTERPRISES LTD. CALGARY, ALBERTA

FILE NO.	
LSD	
SEC	
TWP	
RGE	
W M	
COMPANY	GULF CANADA RESOURCES INCORPORATED
WELL	GR-80-12
LOCATION	GOODRICH PROPERTY
FIELD	CHETWYND
PROVINCE	BRITISH COLUMBIA
Other Services:	GRN, DIR FBL 5 & 20 CM
Permanent Datum	GROUND LEVEL
Elev.	
Log Measured from	GROUND LEVEL
Above Perm. Datum	
Well Depths Measured from	GROUND LEVEL
K.B.	
CSG	
G.L.	
	METRIC

Run. No.	ONE		
Date	29 JULY 1980		
First Reading	260.5 M		
Last Reading	0		
Footage Logged	260.5		
Depth Reached	261.5		
Depth Driller	262.5		
Casing Roke	24		
Casing Driller	24		
Fluid Type	WATER		
Liquid Level	20		
Min. Diam.	12.75 CM		
Operating Time	1.5 HOURS		
Truck No.	38		

531

Recorded By ROBERTSON

Witnessed By JORDAN

SIDEWALL DENSILOG				GAMMA RAY				GENERAL				
CPS/DIV	ZERO DIV.L OR R	SENS SETTINGS	T.C. SEC.	API G.R. UNITS PER LOG DIV.	ZERO DIV.L OR R	SENS SETTINGS	T.C. SEC.	SPEED M MIN	DEPTHS TO	DEPTHS FROM	RUN NO.	REMARKS
208.67	1.59 R	5000	0.5					8	260.5	0	ONE	DENS TOOL #241AS CAL TOOL #459 JOB #5119

PR-Goodrich 80(3)A 80-12

ROKE

OIL ENTERPRISES LTD. CALGARY, ALBERTA

GAMMA RAY NEUTRON LOG

FILE NO.	
LSD	
SEC	
TWP	
RGE	
W ___ M	
COMPANY	GULF CANADA RESOURCES INCORPORATED
WELL	GR-80-12
LOCATION	GOODRICH PROPERTY
FIELD	CHETWYND
PROVINCE	BRITISH COLUMBIA
Other Services:	DENS-CAL, DIR FBL 5 & 20 CM
Permanent Datum	GROUND LEVEL
Elev.	
Log Measured from	GROUND LEVEL
Above Perm. Datum	
Well Depths Measured from	GROUND LEVEL
K.B.	
CSG	
G.L.	
	METRIC

Run. No.	ONE	
Date	29 JULY 1980	
First Reading	261 M	
Last Reading	0	
Footage Logged	261	
Depth Reached	262	
Depth Driller	262.1	
Casing Roke	24	
Casing Driller	24	
Fluid Type	WATER	
Liquid Level	20	
Min. Diam.	12.75 CM	
Rm @		
Operating Time	1.25 HOURS	
Truck No.	38	
Recorded By	ROBERTSON	Witnessed By JORDAN

531

EQUIPMENT DATA

GAMMA RAY		NEUTRON	
RUN NO.	ONE	RUN NO.	ONE
TOOL MODEL NO.	125A	LOG TYPE	NEUTRON/NEUTRON
DIAMETER	3.2 CM	TOOL MODEL NO.	125A
DETECTOR MODEL NO.		DIAMETER	3.2 CM
TYPE	SCINTILLATION	DETECTOR MODEL NO.	
LENGTH	10.2 CM	TYPE	PROPORTIONAL
DISTANCE TO N. SOURCE	215.2 CM	LENGTH	15 CM
		SOURCE MODEL NO.	MRC-N-SS-W
GENERAL		SERIAL NO.	126
HOIST TRUCK NO.	38	SPACING	43.2 CM
INSTRUMENT TRUCK NO.	38	TYPE	AmBe
TOOL SERIAL NO.	125A004/126	STRENGTH	3 CURIES

LOGGING DATA

GENERAL				GAMMA RAY				NEUTRON			
RUN NO.	DEPTHS FROM	DEPTHS TO	SPEED M/MIN	T.C. SEC.	SENS SETTINGS	ZERO DIV. L OR R	API G. R. UNITS PER LOG DIV.	T. C. SEC.	SENS SETTINGS	ZERO DIV. L OR R	API N. UNITS PER LOG DIV.
ONE	0	19	4	3	500	0	17	3	5000	0	240 API
	19	261	4	3	500	0	17	3	5000	0	120 API

REMARKS

PR-Goodrich 80(3)A 80-13

ROKE

OIL ENTERPRISES LTD. CALGARY, ALBERTA

GAMMA RAY NEUTRON LOG

FILE NO.	
COMPANY	GULF CANADA RESOURCES INCORPORATED
WELL	GR-80-13
LOCATION	GOODRICH PROPERTY
FIELD	CHETWYND
PROVINCE	BRITISH COLUMBIA
LSD	
SEC	
TWP	
RGE	
W___M	
Other Services:	DENS

Permanent Datum GROUND LEVEL Elev.

Log Measured from GROUND LEVEL Above Perm. Datum

Well Depths Measured from GROUND LEVEL

K.B.

CSG

G.L.

METRIC

Run. No.	ONE		
Date	31 JULY 1980		
First Reading	242.5 M		
Last Reading	0		
Footage Logged	242.5		
Depth Reached	243.5		
Depth Driller	244.1		
Casing Roke			
Casing Driller			
Fluid Type	WATER		
Liquid Level	21		
Min. Diam.	12.75		
Rm @			
Operating Time	1 HOUR		
Truck No.	38		
Recorded By	ROBERTSON	Witnessed By	JORDAN

531

EQUIPMENT DATA

GAMMA RAY		NEUTRON	
RUN NO.	ONE	RUN NO.	ONE
TOOL MODEL NO.	125A	LOG TYPE	NEUTRON/NEUTRON
DIAMETER	3.2 CM	TOOL MODEL NO.	125A
DETECTOR MODEL NO.		DIAMETER	3.2 CM
TYPE	SCINTILLATION	DETECTOR MODEL NO.	
LENGTH	10.2 CM	TYPE	PROPORTIONAL
DISTANCE TO N. SOURCE	215.2 CM	LENGTH	15 CM
		SOURCE MODEL NO.	MRC-N-SS-W
GENERAL		SERIAL NO.	126
HOIST TRUCK NO.	38	SPACING	43.2 CM
INSTRUMENT TRUCK NO.	38	TYPE	AmBe
TOOL SERIAL NO.	125A004/126	STRENGTH	3 CURIES

LOGGING DATA

GENERAL				GAMMA RAY				NEUTRON			
RUN NO.	DEPTHS FROM	DEPTHS TO	SPEED M/MIN	T.C. SEC.	SENS SETTINGS	ZERO DIV. L OR R	API G. R. UNITS PER LOG DIV.	T. C. SEC.	SENS SETTINGS	ZERO DIV. L OR R	API N. UNITS PER LOG DIV.
ONE	0	20	4	3	500	0	15 API	3	5000	28 L	120 API
	20	242.5	4	3	500	0	15 API	3	5000	0 L	120 API

REMARKS

GAMMA RAY	DEPTHS	NEUTRON

PR-Goodrich 80(3)A 80-13

ROKE

SIDEWALL DENSILOG

OIL ENTERPRISES LTD. CALGARY, ALBERTA

FILE NO.
LSD
SEC
TWP
RGE
W____M

COMPANY GULF CANADA RESOURCES INCORPORATED
WELL GR-80-13
LOCATION GOODRICH PROPERTY
FIELD CHETWYND
PROVINCE BRITISH COLUMBIA

Other Services: GRN

Permanent Datum GROUND LEVEL Elev.
Log Measured from GROUND LEVEL Above Perm. Datum
Well Depths Measured from GROUND LEVEL

K.B.
CSG
G.L.
METRIC

Run. No.	ONE
Date	31 JULY 1980
First Reading	241.5 M
Last Reading	0
Footage Logged	241.5
Depth Reached	242.5
Depth Driller	244.1
Casing Roke	
Casing Driller	
Fluid Type	WATER
Liquid Level	21
Min. Diam.	12.75 CM
Operating Time	1 HOUR
Truck No.	38
Recorded By	ROBERTSON
Witnessed By	JORDAN

531

GENERAL				GAMMA RAY				SIDEWALL DENSILOG			
RUN NO.	DEPTHS FROM	DEPTHS TO	SPEED M/MIN	T.C. SEC.	SENS SETTINGS	ZERO DIV.L OR R	API G.R. UNITS PER LOG DIV.	T.C. SEC.	SENS SETTINGS	ZERO DIV.L OR R	CPS/ DIV
ONE	0	241.5	8					0.5	5000	1.59 R	208.67

REMARKS DUE TO OBSTRUCTIONS ENCOUNTERED ON DESCENT, DENSITY READS 0.25 M HIGH - AFTER DENSITY GENERAL SCALE WAS RUN, THE DRILL HOLE FELL IN AT 30.5 M: DENSITY DETAIL AND CALIPER COULD NOT BE RUN.

DENS TOOL #241AS
JOB #5119

PR-Goodrich 80(3)A 80-14

ROKE

OIL ENTERPRISES LTD. CALGARY, ALBERTA

GAMMA RAY NEUTRON LOG

FILE NO.
LSD
SEC
TWP
RGE
W M

COMPANY GULF CANADA RESOURCES INCORPORATED
WELL GR-80-14
LOCATION GOODRICH PROPERTY
FIELD CHETWYND
PROVINCE BRITISH COLUMBIA

Permanent Datum GROUND LEVEL Elev.
Log Measured from GROUND LEVEL Above Perm. Datum
Well Depths Measured from GROUND LEVEL

Other Services: DIR
K.B.
CSG
G.L.
METRIC

Run. No.	ONE	TWO
Date	2 AUG 1980	5 AUG 1980
First Reading	141 M	171.5
Last Reading	0	0
Footage Logged	141	171.5
Depth Reached	142	172.5
Depth Driller	256	256
Casing Roke		
Casing Driller		
Fluid Type	WATER	WATER
Liquid Level	6.5	6.5
Min. Diam.	12.75	12.75
Rm @		
Operating Time	1 HOUR	1 HOUR
Truck No.	38	38

Recorded By ROBERTSON
Witnessed By JORDAN

531

EQUIPMENT DATA

GAMMA RAY		NEUTRON	
RUN NO.	ONE	RUN NO.	ONE
TOOL MODEL NO.	125A	LOG TYPE	NEUTRON/NEUTRON
DIAMETER	3.2 CM	TOOL MODEL NO.	125A
DETECTOR MODEL NO.		DIAMETER	3.2 CM
TYPE	SCINTILLATION	DETECTOR MODEL NO.	
LENGTH	10.2 CM	TYPE	PROPORTIONAL
DISTANCE TO N. SOURCE	215.2 CM	LENGTH	15 CM
GENERAL		SOURCE MODEL NO.	MRC-N-SS-W
HOIST TRUCK NO.	38	SERIAL NO.	126
INSTRUMENT TRUCK NO.	38	SPACING	43.2 CM
TOOL SERIAL NO.	125A004	TYPE	AmBe
		STRENGTH	3 CURIES

LOGGING DATA

GENERAL				GAMMA RAY				NEUTRON			
RUN NO.	DEPTHS FROM	DEPTHS TO	SPEED M/MIN	T.C. SEC.	SENS SETTINGS	ZERO DIV. L OR R	API G. R. UNITS PER LOG DIV.	T. C. SEC.	SENS SETTINGS	ZERO DIV. L OR R	API N. UNITS PER LOG DIV.
ONE	0	6	4	3	500	0	15	3	5000	7	120 API
	6.0	141	4	3	500	0	15	3	5000	0	120 API
TWO	0	6.5	4	3	500	0	15	3	5000	12	120 API
	6.5	171.5	4	3	500	0	15	3	5000	2	120 API

REMARKS: RUN #1 OPEN HOLE - RUN #2 THROUGH 5.08 CM I.D. DRILL PIPE

GAMMA RAY	DEPTHS	NEUTRON
GAMMA RAY INCREASES →		NEUTRON INCREASES →
API 15		API 120
0 — 150		840 — 2040 — 3240

GAMMA RAY	DEPTHS	NEUTRON
GAMMA RAY INCREASES →		NEUTRON INCREASES →
API 15		API 120
0 — 150		1440 — 2620 — 3840

PR-Goodrich 80(3)A 80-15

ROKE

OIL ENTERPRISES LTD. CALGARY, ALBERTA

GAMMA RAY NEUTRON LOG

FILE NO.

LSD
SEC
TWP
RGE
W_____M

COMPANY GULF CANADA RESOURCES INCORPORATED
WELL GR-80-15
LOCATION GOODRICH PROPERTY
FIELD CHETWYND
PROVINCE BRITISH COLUMBIA

Other Services: NIL

Permanent Datum GROUND LEVEL Elev.
Log Measured from GROUND LEVEL Above Perm. Datum
Well Depths Measured from GROUND LEVEL

K.B.
CSG
G.L.

METRIC

Run. No.	ONE
Date	3 AUG 1980
First Reading	236.5 M
Last Reading	0
Footage Logged	236.5
Depth Reached	327.5
Depth Driller	243.8
Casing Roke	
Casing Driller	
Fluid Type	WATER
Liquid Level	
Min. Diam.	12.75
Rm @	
Operating Time	1.25 HOUR
Truck No.	38

Recorded By ROBERTSON
Witnessed By JORDAN

531

EQUIPMENT DATA

GAMMA RAY		NEUTRON	
RUN NO.	ONE	RUN NO.	ONE
TOOL MODEL NO.	125A	LOG TYPE	NEUTRON/NEUTRON
DIAMETER	3.2 CM	TOOL MODEL NO.	125A
DETECTOR MODEL NO.		DIAMETER	3.2 CM
TYPE	SCINTILLATION	DETECTOR MODEL NO.	
LENGTH	10.2 CM	TYPE	PROPORTIONAL
DISTANCE TO N. SOURCE	215.2 CM	LENGTH	15 CM
		SOURCE MODEL NO.	MRC-N-SS-W
GENERAL		SERIAL NO.	126
HOIST TRUCK NO.	38	SPACING	43.2 CM
INSTRUMENT TRUCK NO.	38	TYPE	AmBe
TOOL SERIAL NO.	125A004/126	STRENGTH	3 CURIES

LOGGING DATA

GENERAL				GAMMA RAY				NEUTRON			
RUN NO.	DEPTHS FROM	DEPTHS TO	SPEED M/MIN	T.C. SEC.	SENS SETTINGS	ZERO DIV. L OR R	API G. R. UNITS PER LOG DIV.	T. C. SEC.	SENS SETTINGS	ZERO DIV. L OR R	API N. UNITS PER LOG DIV.
ONE	0	236.5	4	3	500	0	15	3	5000	2 L	120 API

REMARKS LOGGED THROUGH DRILL PIPE

PR-GOODRICH 80(3)A 80-16

ROKE

OIL ENTERPRISES LTD. CALGARY, ALBERTA

GAMMA RAY NEUTRON LOG

FILE NO.	
LSD	
SEC	
TWP	
RGE	
W	M
COMPANY	GULF CANADA RESOURCES INCORPORATED
WELL	GR-80-16
LOCATION	GOODRICH PROPERTY
FIELD	CHETWYND
PROVINCE	BRITISH COLUMBIA
Other Services:	DENS-CAL, DIR
Permanent Datum	GROUND LEVEL Elev.
Log Measured from	GROUND LEVEL Above Perm. Datum
Well Depths Measured from	GROUND LEVEL
K.B.	
CSG	
G.L.	
	METRIC

Run. No.	ONE
Date	4 AUG 1980
First Reading	156 M
Last Reading	0
Footage Logged	156
Depth Reached	157
Depth Driller	266.7
Casing Roke	21
Casing Driller	21
Fluid Type	WATER
Liquid Level	14
Min. Diam.	12.75
Rm @	
Operating Time	1 HOUR
Truck No.	38
Recorded By	ROBERTSON
Witnessed By	JORDAN

531

EQUIPMENT DATA

GAMMA RAY		NEUTRON	
RUN NO.	ONE	RUN NO.	ONE
TOOL MODEL NO.	125A	LOG TYPE	NEUTRON/NEUTRON
DIAMETER	3.2 CM	TOOL MODEL NO.	125A
DETECTOR MODEL NO.		DIAMETER	3.2 CM
TYPE	SCINTILLATION	DETECTOR MODEL NO.	
LENGTH	10.2 CM	TYPE	PROPORTIONAL
DISTANCE TO N. SOURCE	215.2 CM	LENGTH	15 CM
GENERAL		SOURCE MODEL NO.	MRC-N-SS-W
HOIST TRUCK NO.	38	SERIAL NO.	126
INSTRUMENT TRUCK NO.	38	SPACING	43.2 CM
TOOL SERIAL NO.	125A004/126	TYPE	AmBe
		STRENGTH	3 CURIES

LOGGING DATA

GENERAL				GAMMA RAY				NEUTRON			
RUN NO.	DEPTHS FROM	DEPTHS TO	SPEED M/MIN	T.C. SEC.	SENS SETTINGS	ZERO DIV. L OR R	API G. R. UNITS PER LOG DIV.	T. C. SEC.	SENS SETTINGS	ZERO DIV. L OR R	API N. UNITS PER LOG DIV.
ONE	0	14	4	3	500	0	15	3	5000	10 L	100 APT
	14	156	4	3	500	3 L	15	3	5000	0 L	100 APT

REMARKS

GAMMA RAY	DEPTHS	NEUTRON
GAMMA RAY INCREASES →		NEUTRON INCREASES →
API 15		API 100
0 — 150		1000 — 2000 — 3000

PR-Goodrich 80(3)A 80-16

ROKE

OIL ENTERPRISES LTD. CALGARY, ALBERTA

SIDEWALL DENSILOG
CALIPER

FILE NO.
LSD
SEC
TWP
RGE
W_____M

COMPANY GULF CANADA RESOURCES INCORPORATED
WELL GR-80-16
LOCATION GOODRICH PROPERTY
FIELD CHETWYND
PROVINCE BRITISH COLUMBIA

Other Services: GRN, DIR

Permanent Datum GROUND LEVEL Elev.
Log Measured from GROUND LEVEL Above Perm. Datum
Well Depths Measured from GROUND LEVEL

K.B.
CSG
G.L.
METRIC

Run. No.	ONE
Date	4 AUG 1980
First Reading	148 M
Last Reading	0
Footage Logged	148
Depth Reached	149
Depth Driller	266.7
Casing Roke	21
Casing Driller	21
Fluid Type	WATER
Liquid Level	14
Min. Diam.	12.75 CM
Operating Time	1.5 HOURS
Truck No.	38

Recorded By ROBERTSON
Witnessed By JORDAN

53

GENERAL				GAMMA RAY				SIDEWALL DENSILOG			
RUN NO.	DEPTHS FROM	DEPTHS TO	SPEED M MIN	T.C. SEC.	SENS SETTINGS	ZERO DIV.L OR R	API G.R. UNITS PER LOG DIV.	T.C. SEC.	SENS SETTINGS	ZERO DIV.L OR R	CPS/ DIV
ONE	0	148	8					0.5	5000	1.59 R	208.67

REMARKS DUE TO DOWNHOLE CONDITIONS, DENSITY READS 0.7 M HIGH AND THE CALIPER READS 0.3 M HIGH - DUE TO HOLE'S EXTENSIVE DEVIATION THE CALIPER IS NOT ACCURATE

DENS TOOL #241AS
CAL TOOL #459
JOB #5119

PR-Goodrich 80(3)A 80-17

ROKE

SIDEWALL DENSILOG
CALIPER

OIL ENTERPRISES LTD. CALGARY, ALBERTA

FILE NO.
LSD
SEC
TWP
RGE
W M

COMPANY GULF CANADA RESOURCES INCORPORATED
WELL GR-80-17
LOCATION GOODRICH PROPERTY
FIELD CHETWYND
PROVINCE BRITISH COLUMBIA

Other Services: GRN, DIR

Permanent Datum GROUND LEVEL Elev.
Log Measured from GROUND LEVEL Above Perm. Datum
Well Depths Measured from GROUND LEVEL

K.B.
CSG
G.L.
METRIC

Run. No.	ONE
Date	5 AUG 1980
First Reading	236.5 M
Last Reading	0
Footage Logged	236.5
Depth Reached	237.5
Depth Driller	239.3
Casing Roke	5.5
Casing Driller	5.5
Fluid Type	WATER
Liquid Level	16
Min. Diam.	12.75
Operating Time	2 HOURS
Truck No.	38

Recorded By ROBERTSON Witnessed By JORDAN

531

GENERAL				GAMMA RAY				SIDEWALL DENSILOG			
RUN NO.	DEPTHS FROM	DEPTHS TO	SPEED M/MIN	T.C. SEC.	SENS SETTINGS	ZERO DIV.L OR R	API G.R. UNITS PER LOG DIV.	T.C. SEC.	SENS SETTINGS	ZERO DIV.L OR R	CPS/ DIV
ONE	0	236.5	8					0.5	5000	1.59 R	208.67

REMARKS
DENS TOOL #241AS
CAL TOOL #459
JOB #5119

PR-Goodrich 80(3)A 80-17

ROKE

OIL ENTERPRISES LTD. CALGARY, ALBERTA

GAMMA RAY NEUTRON LOG

FILE NO.

LSD
SEC
TWP
RGE
W______M

COMPANY GULF CANADA RESOURCES INCORPORATED
WELL GR-80-17
LOCATION GOODRICH PROPERTY
FIELD CHETWYND
PROVINCE BRITISH COLUMBIA

Other Services: DENS-CAL, DIR

Permanent Datum GROUND LEVEL Elev.
Log Measured from GROUND LEVEL Above Perm. Datum
Well Depths Measured from GROUND LEVEL

K.B.
CSG
G.L.
METRIC

Run. No.	ONE
Date	5 AUG 1980
First Reading	237 M
Last Reading	0
Footage Logged	237
Depth Reached	238
Depth Driller	239.3
Casing Roke	5.5
Casing Driller	5.5
Fluid Type	WATER
Liquid Level	16
Min. Diam.	12.75
Rm @	
Operating Time	1.25 HOURS
Truck No.	38
Recorded By	ROBERTSON
Witnessed By	JORDAN

531

EQUIPMENT DATA

GAMMA RAY		NEUTRON	
RUN NO.	ONE	RUN NO.	ONE
TOOL MODEL NO.	125A	LOG TYPE	NEUTRON/NEUTRON
DIAMETER	3.2 CM	TOOL MODEL NO.	125A
DETECTOR MODEL NO.		DIAMETER	3.2 CM
TYPE	SCINTILLATION	DETECTOR MODEL NO.	
LENGTH	10.2 CM	TYPE	PROPORTIONAL
DISTANCE TO N. SOURCE	215.2	LENGTH	15 CM
		SOURCE MODEL NO.	MRC-N-SS-W
GENERAL		SERIAL NO.	126
HOIST TRUCK NO.	38	SPACING	43.2 CM
INSTRUMENT TRUCK NO.	38	TYPE	AmBe
TOOL SERIAL NO.	125A004/126	STRENGTH	3 CURIES

LOGGING DATA

GENERAL				GAMMA RAY				NEUTRON			
RUN NO.	DEPTHS FROM	DEPTHS TO	SPEED /MIN	T.C. SEC.	SENS SETTINGS	ZERO DIV. L OR R	API G. R. UNITS PER LOG DIV.	T. C. SEC.	SENS SETTINGS	ZERO DIV. L OR R	API N. UNITS PER LOG DIV.
ONE	0	15.5	4	3	500	5 L	10	3	5000	10 L	120 API
	15.5	237	4	3	500	5 L	10	3	5000	0 L	120 API

REMARKS

GAMMA RAY	DEPTHS	NEUTRON

PR-Goodrich 80(3)A 80-18

ROKE

OIL ENTERPRISES LTD. CALGARY, ALBERTA

FOCUSED BEAM LOG 20 CM

FILE NO.	
COMPANY	GULF CANADA RESOURCES INC.
WELL	GDR - DDH - 80 - 18
LOCATION	
FIELD	GOODRICH
PROVINCE	BRITISH COLUMBIA
LSD	
SEC	
TWP	
RGE	
W M	

Other Services: GR - N, DEN, CAL, DIR

Permanent Datum	GROUND LEVEL	Elev.
Log Measured from	RIG FLOOR	.2 M Above Perm. Datum
Well Depths Measured from		

K.B.
CSG
G.L.

Run. No.	ONE
Date	25 AUG. 1980
First Reading	290
Last Reading	9.5
Footage Logged	280.5
Depth Reached	291
Depth Driller	291.7
Casing Roke	9
Casing Driller	
Fluid Type	MUD
Liquid Level	
Min. Diam.	
Rm @ °C	30 @ 9° C
Operating Time	2 HOURS
Truck No.	FU 2
Recorded By	SIM
Witnessed By	WILLIAMS

531

Remarks FBL # 10 CURRENT RANGE STD MUDFISH RESISTANCE 300 OHMS
7 ELECTRODE SONDE 20 CM BEAM WIDTH 100 CM ARRAY
PRIMARY 200 OHM/DIV SECONDARY 2 K OHM/DIV

RESISTIVITY (OHM-METERS)	Depths	RESISTIVITY (OHM-METERS)
SECONDARY SCALE		PRIMARY SCALE
		0 2000 4000
0 20000		26000 46000 66000
0 50000		65000 115000 165000

PR-Goodrich 80(3)A 80-03

ROKE

OIL ENTERPRISES LTD. CALGARY, ALBERTA

GAMMA RAY NEUTRON LOG

FILE NO.
LSD
SEC
TWP
RGE
W ____ M

COMPANY GULF CANADA RESOURCES INCORPORATED
WELL GR-80-03
LOCATION GOODRICH PROPERTY
FIELD CHETWYND
PROVINCE BRITISH COLUMBIA

Other Services:
DENS-CAL, DIR
FBL 5 & 20 CM

Permanent Datum GROUND LEVEL Elev.
Log Measured from GROUND LEVEL Above Perm. Datum
Well Depths Measured from GROUND LEVEL
K.B.
CSG
G.L.
METRIC

Run. No.	ONE
Date	10 JULY 1980
First Reading	153 M
Last Reading	0
Footage Logged	153
Depth Reached	154
Depth Driller	154
Casing Roke	2.75
Casing Driller	2.75
Fluid Type	WATER
Liquid Level	5.5
Min. Diam.	15.75 CM
Rm @	
Operating Time	1 HOUR
Truck No.	38

Recorded By ROBERTSON
Witnessed By JORDAN

531

EQUIPMENT DATA

GAMMA RAY		NEUTRON	
RUN NO.	ONE	RUN NO.	ONE
TOOL MODEL NO.	125A	LOG TYPE	NEUTRON/NEUTRON
DIAMETER	3.2 CM	TOOL MODEL NO.	125A
DETECTOR MODEL NO.		DIAMETER	3.2 GM
TYPE	SCINTILLATION	DETECTOR MODEL NO.	
LENGTH	10 CM	TYPE	PROPORTIONAL
DISTANCE TO N. SOURCE	215.2 CM	LENGTH	
		SOURCE MODEL NO.	MRC-N-SS-W
GENERAL		SERIAL NO.	126
HOIST TRUCK NO.	38	SPACING	43.2 CM
INSTRUMENT TRUCK NO.	38	TYPE	AmBe
TOOL SERIAL NO.	125A004/126	STRENGTH	3 CURIES

LOGGING DATA

GENERAL				GAMMA RAY				NEUTRON			
RUN NO.	DEPTHS FROM	DEPTHS TO	SPEED M /MIN	T.C. SEC.	SENS SETTINGS	ZERO DIV. L OR R	API G. R. UNITS PER LOG DIV.	T. C. SEC.	SENS SETTINGS	ZERO DIV. L OR R	API N. UNITS PER LOG DIV.
ONE	0	153	4	3	500	0	15	3	5000	0	200 API

REMARKS