PR-Goodrich 80(3)A

ROKE

OIL ENTERPRISES LTD. CALGARY, ALBERTA

GAMMA RAY NEUTRON LOG

FILE NO.

LSD
SEC
TWP
RGE
W_____M

COMPANY GULF CANADA RESOURCES INC.
WELL GDR - DDH - 80 - 25
LOCATION
FIELD GOODRICH
PROVINCE BRITISH COLUMBIA

Other Services: DEN, CAL, FBL

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

K.B.
CSG
G.L.

Run. No.	ONE
Date	15 SEPT. 1980
First Reading	279 M
Last Reading	0
Footage Logged	279
Depth Reached	279.3
Depth Driller	
Casing Roke	5.8
Casing Driller	
Fluid Type	WATER
Liquid Level	FULL
Min. Diam.	HQ
Rm @	45 @ 7° C
Operating Time	1 HOUR
Truck No.	FU 2

Recorded By SIM
Witnessed By ZSCHACH

531

EQUIPMENT DATA

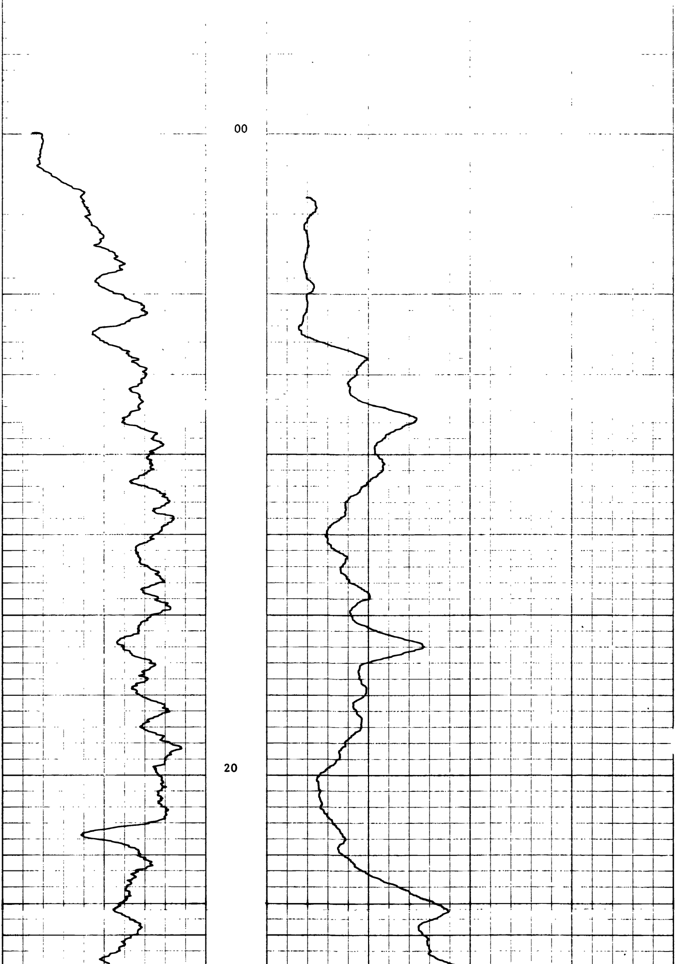
GAMMA RAY		NEUTRON	
RUN NO.	ONE	RUN NO.	ONE
TOOL MODEL NO.		LOG TYPE	NEUTRON/NEUTRON
DIAMETER	32 MM	TOOL MODEL NO.	
DETECTOR MODEL NO.		DIAMETER	32 MM
TYPE	SCINTILLATION	DETECTOR MODEL NO.	
LENGTH	10 CM	TYPE	PROPORTIONAL
DISTANCE TO N. SOURCE	2.1 M	LENGTH	15 CM
		SOURCE MODEL NO.	MRC-N-SS-W
GENERAL		SERIAL NO.	127
HOIST TRUCK NO.		SPACING	43 CM
INSTRUMENT TRUCK NO.		TYPE	AmBe
TOOL SERIAL NO.	125A006	STRENGTH	3 CURIES

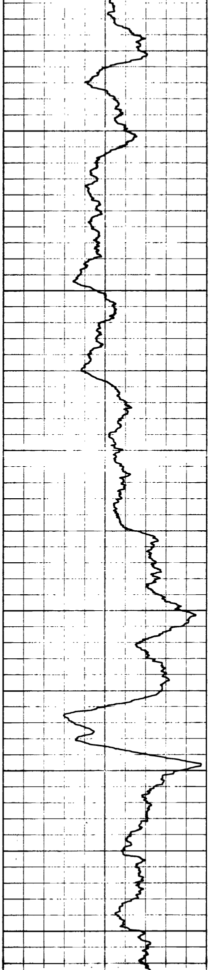
LOGGING DATA

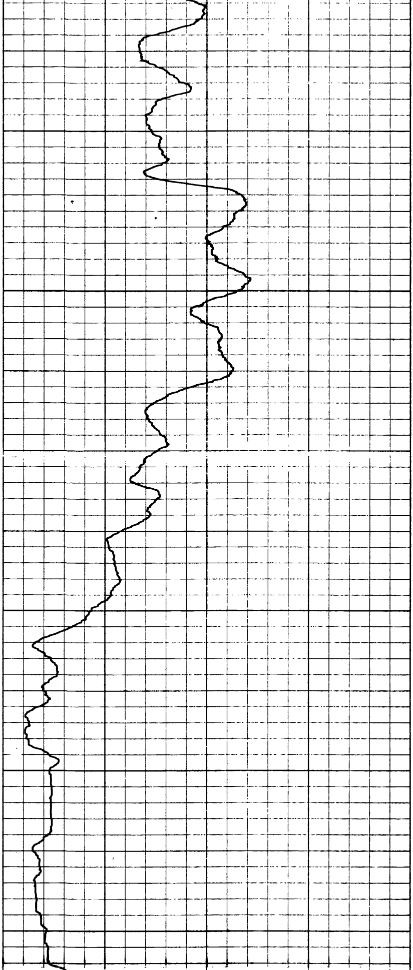
GENERAL				GAMMA RAY				NEUTRON			
RUN NO.	DEPTHS FROM	DEPTHS TO	SPEED M/MIN	T.C. SEC.	SENS SETTINGS	ZERO DIV. L OR R	API G. R. UNITS PER LOG DIV.	T. C. SEC.	SENS SETTINGS	ZERO DIV. L OR R	API N. UNITS PER LOG DIV.
1	0	279	4	3	100	0 L	20 API	3	5 K	0 L	150 API

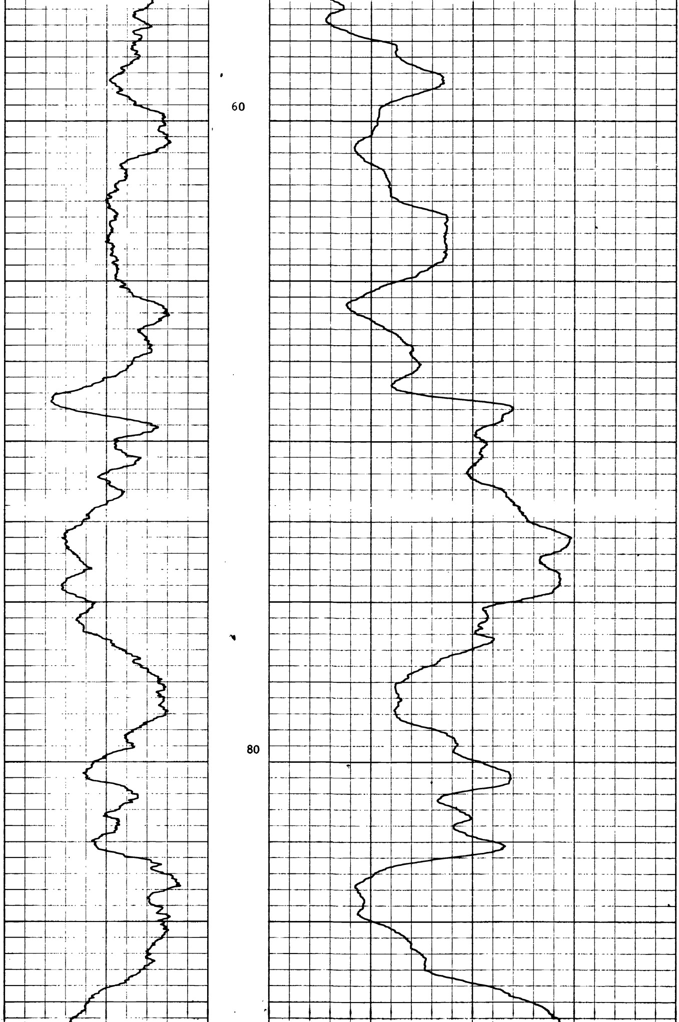
REMARKS 60° ANGLE LOGGED .2 M HIGH

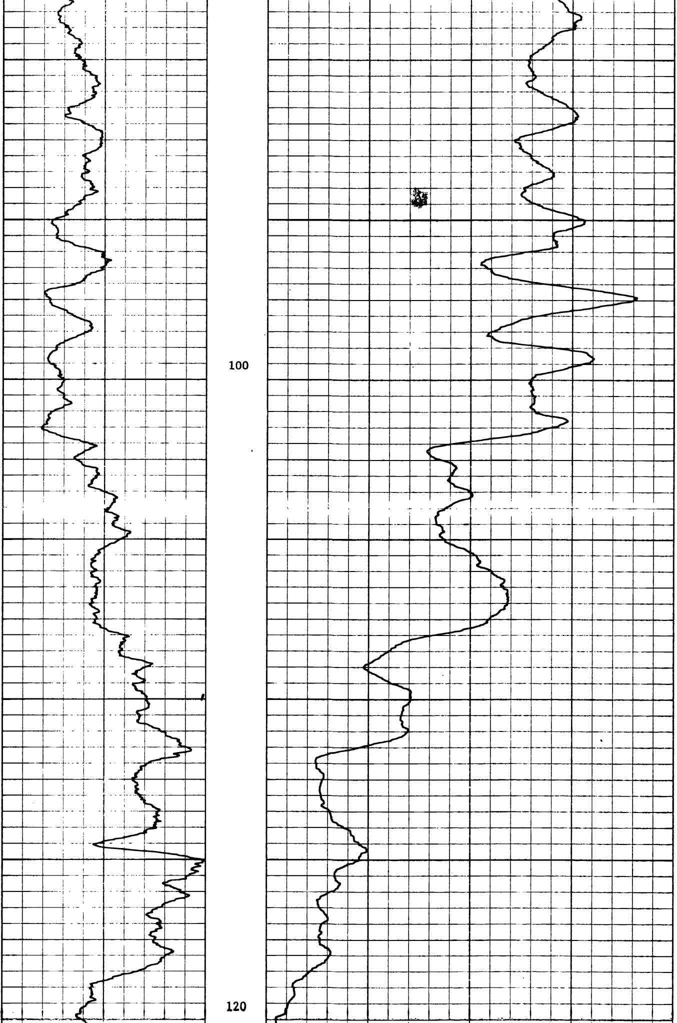
GAMMA RAY	DEPTHS	NEUTRON
GAMMA RAY INCREASES → API →|20|← 0 200		NEUTRON INCREASES → API →|150|← 0 1500 3000

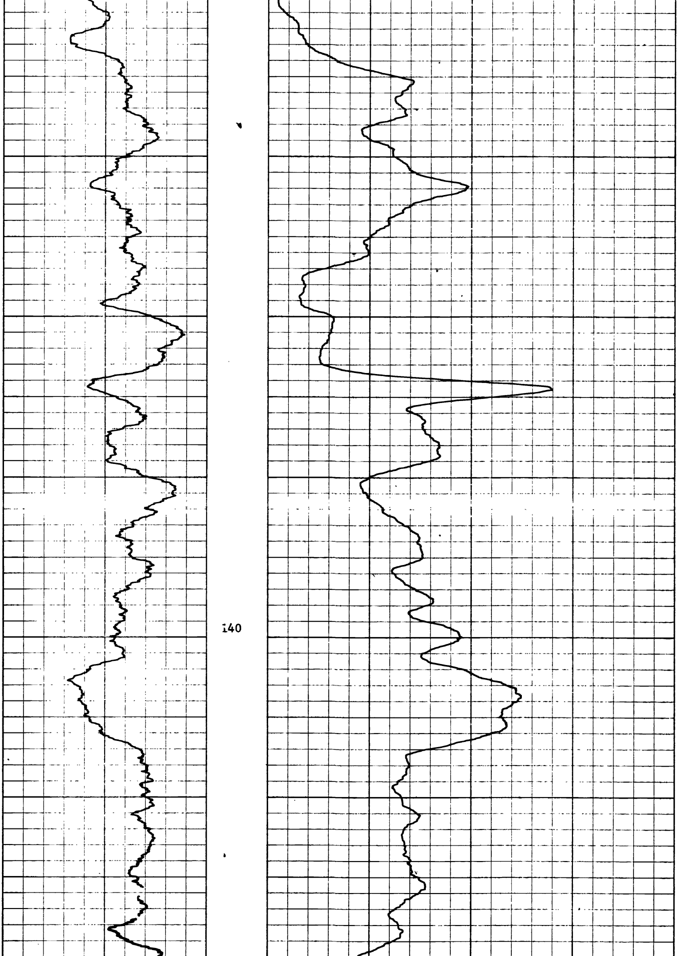


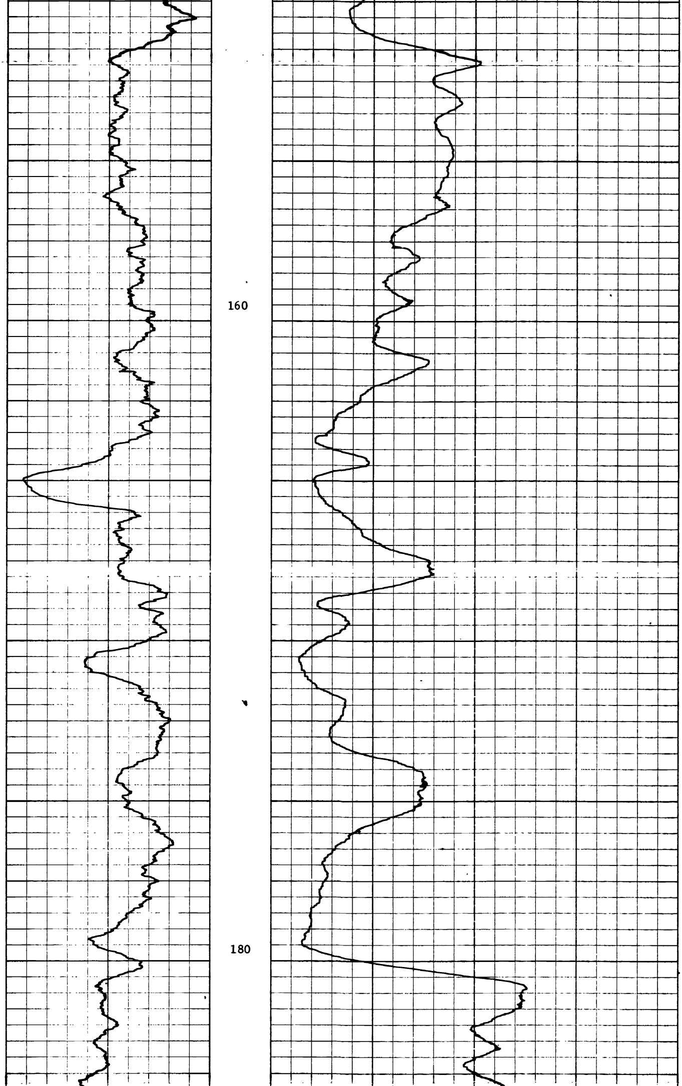


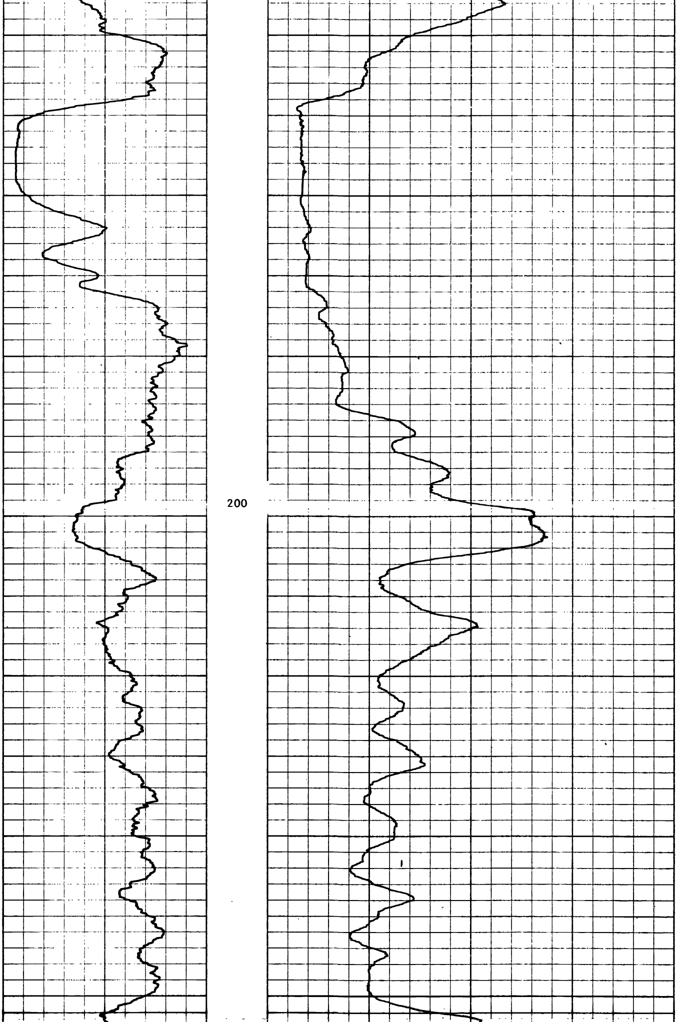


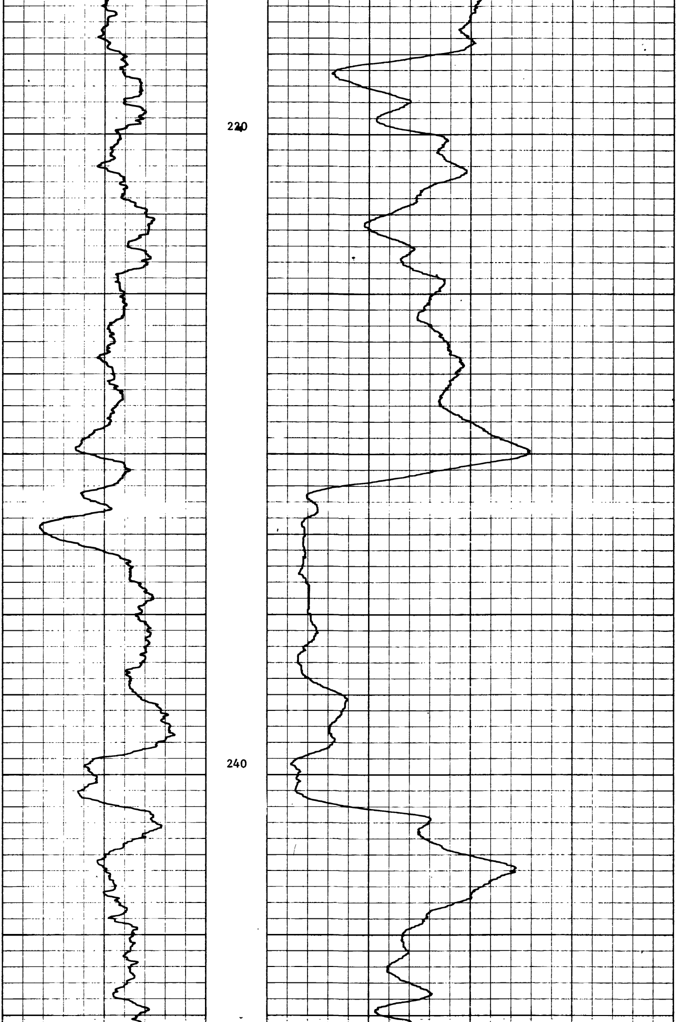


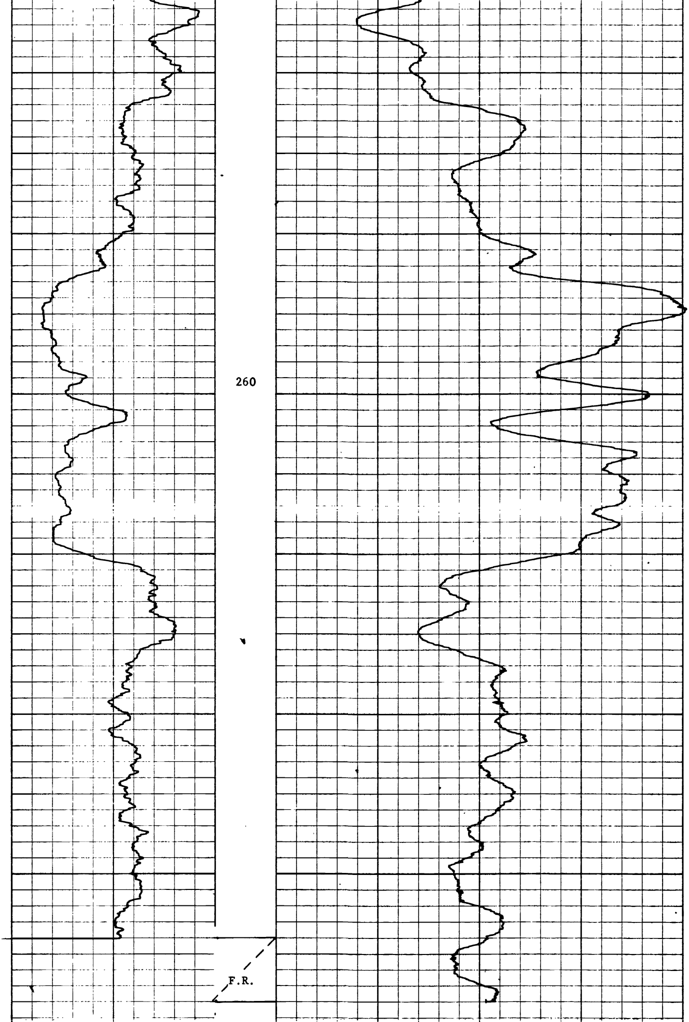












0 100cps

0 1K

PR Goodrich 80(3)A

ROKE

[redacted]

OIL ENTERPRISES LTD. CALGARY, ALBERTA

FILE NO.
LSD
SEC
TWP
RGE
W ________ M

COMPANY GULF CANADA RESOURCES INC.

WELL GDR - DDH - 80 - 25

LOCATION

FIELD GOODRICH

PROVINCE BRITISH COLUMBIA

Other Services:
GR-N, DENS-CAL

Permanent Datum CROUND LEVEL Elev. ________
Log Measured from CASING .2 M Above Perm. Datum
Well Depths Measured from ________

K.B. ________
CSG ________
G.L. ________

Run. No.	ONE		
Date	16 SEPT. 1980		
First Reading			
Last Reading			
Footage Logged			
Depth Reached			
Depth Driller			
Casing Roke			
Casing Driller			
Fluid Type			
Liquid Level			
Min. Diam.			
Rm @ °C	45 @ 7°		
Operating Time	1 HOUR		
Truck No.	FU 2		

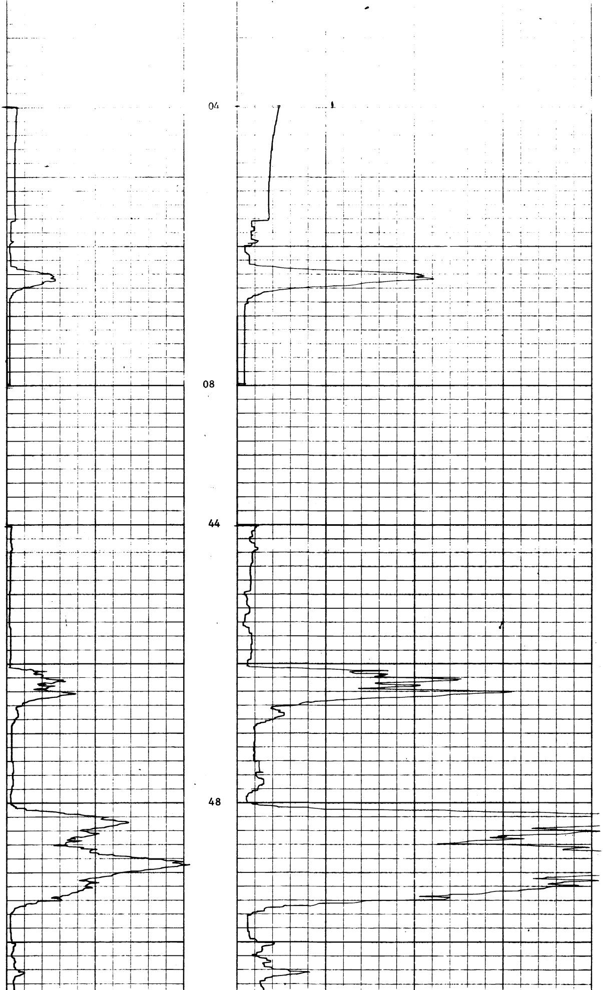
Recorded By SIM

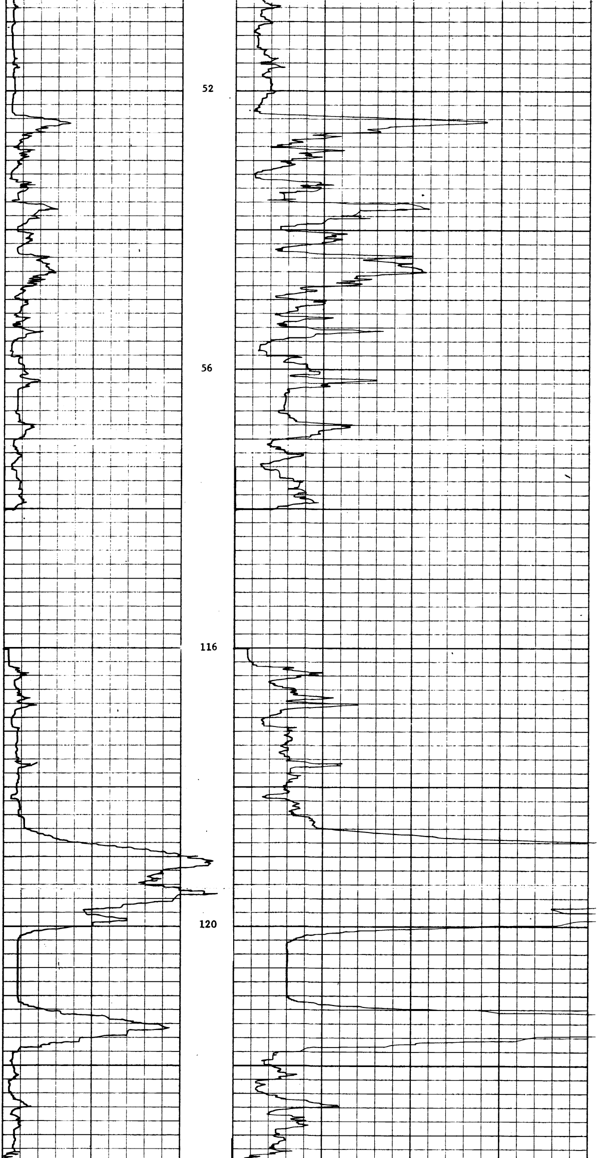
Witnessed By ZSCHACH

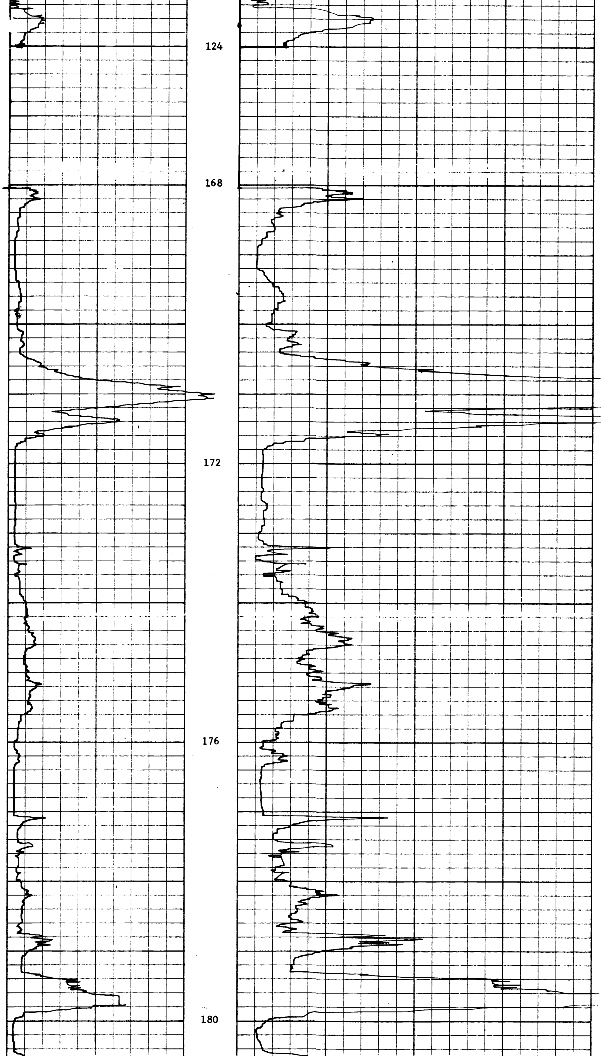
531

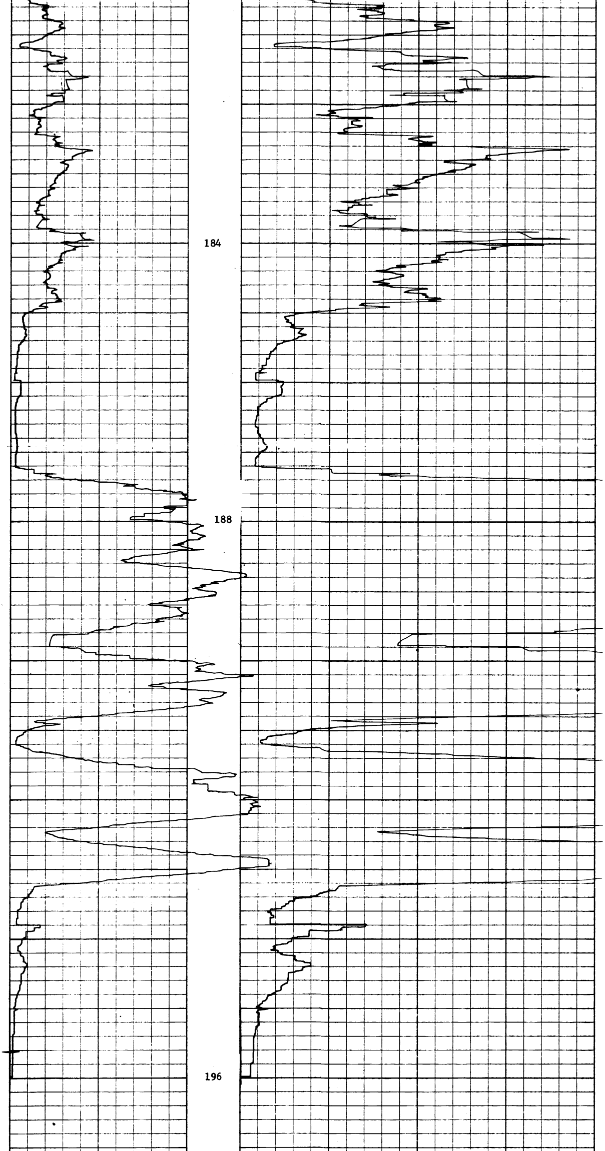
Remarks FBL # 12 CURRENT RANGE STD MUDFISH RESISTANCE 700 OHMS
7 ELECTRODE SONDE 5 CM BEAM WIDTH 60 CM ARRAY
PRIMARY 500 OHM/DIV SECONDARY 2 K OHM/DIV

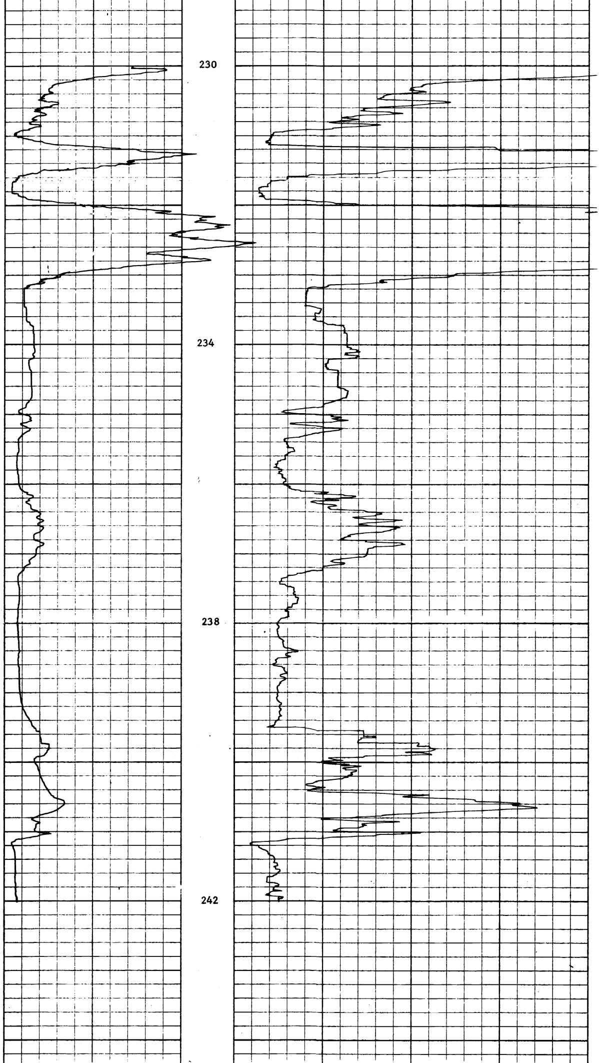
RESISTIVITY (OHM-METERS)	Depths	RESISTIVITY (OHM-METERS)
SECONDARY SCALE		PRIMARY SCALE
		0 5000 10000
0 20000		26000 46000 66000

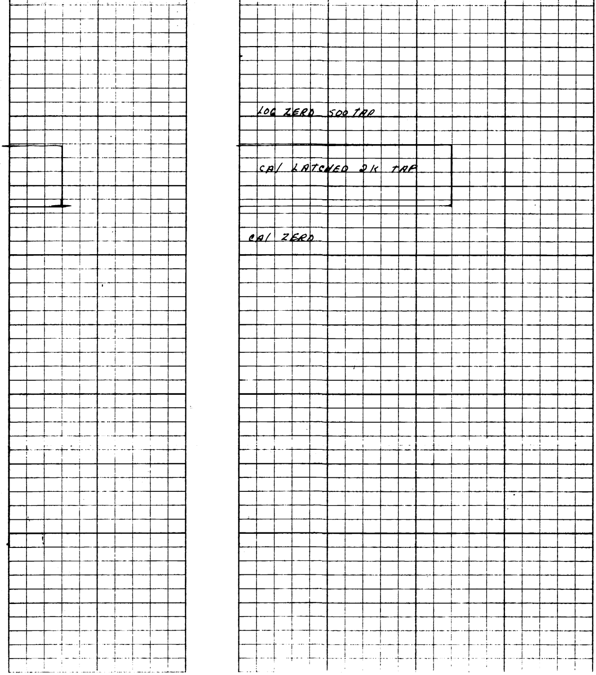












PR-Goodrich 80(3)A

ROKE

OIL ENTERPRISES LTD. CALGARY, ALBERTA

FILE NO.

LSD
SEC
TWP
RGE
W_______M

COMPANY GULF CANADA RESOURCES INC.
WELL GDR - DDH - 80 - 26
LOCATION
FIELD GOODRICH
PROVINCE BRITISH COLUMBIA

Other Services:

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

K.B.
CSG
G.L.

Run. No.	ONE			
Date	15 SEPT. 1980			
First Reading	118 M			
Last Reading	0			
Footage Logged	118			
Depth Reached	118.3			
Depth Driller	118.8			
Casing Roke				
Casing Driller				
Fluid Type	MUD			
Liquid Level	1			
Min. Diam.	HQ			
Rm @				
Operating Time	1½ HOURS			
Truck No.	FU 2			
Recorded By	SIM	Witnessed By	ZSCHACH	

531

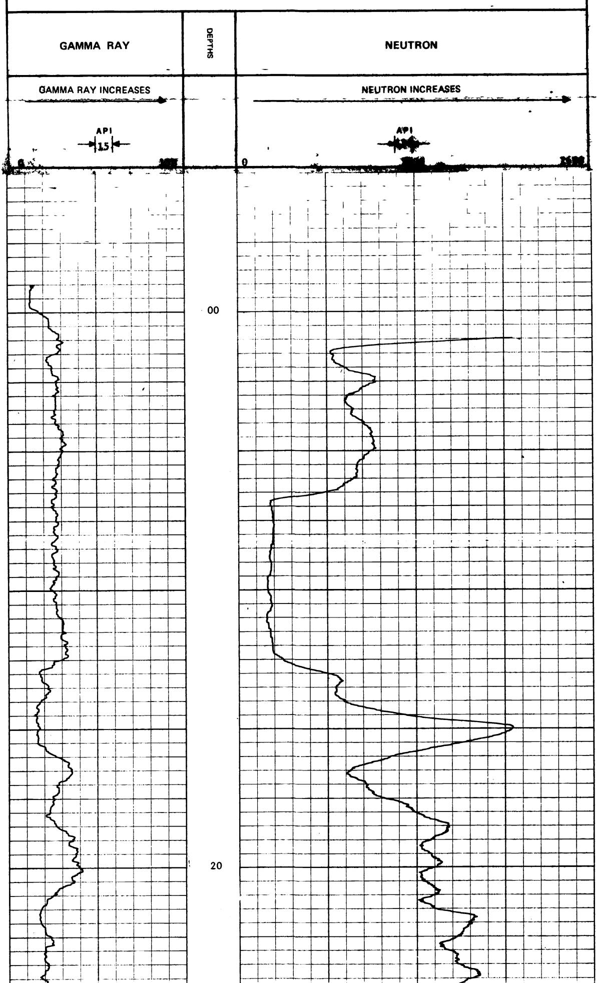
EQUIPMENT DATA

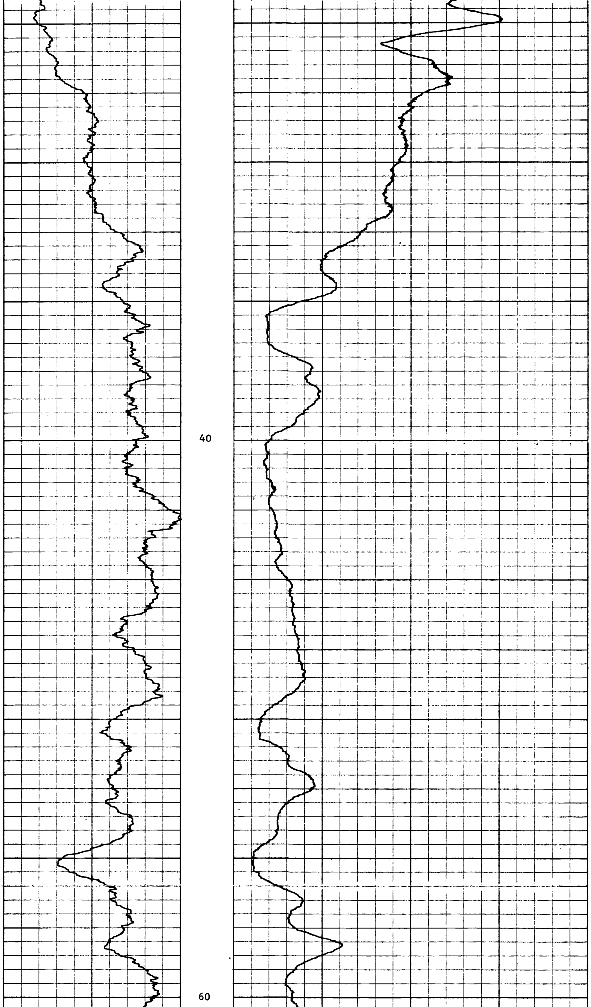
GAMMA RAY		NEUTRON	
RUN NO.	ONE	RUN NO.	ONE
TOOL MODEL NO.		LOG TYPE	NEUTRON/NEUTRON
DIAMETER	32 MM	TOOL MODEL NO.	
DETECTOR MODEL NO.		DIAMETER	32 MM
TYPE	SCINTILLATION	DETECTOR MODEL NO.	
LENGTH	10 CM	TYPE	PROPORTIONAL
DISTANCE TO N. SOURCE	2.1 M	LENGTH	15 CM
		SOURCE MODEL NO.	MRC-N-SS-W
GENERAL		SERIAL NO.	127
HOIST TRUCK NO.		SPACING	43 CM
INSTRUMENT TRUCK NO.		TYPE	AmBe
TOOL SERIAL NO.	125A006	STRENGTH	3 CURIES

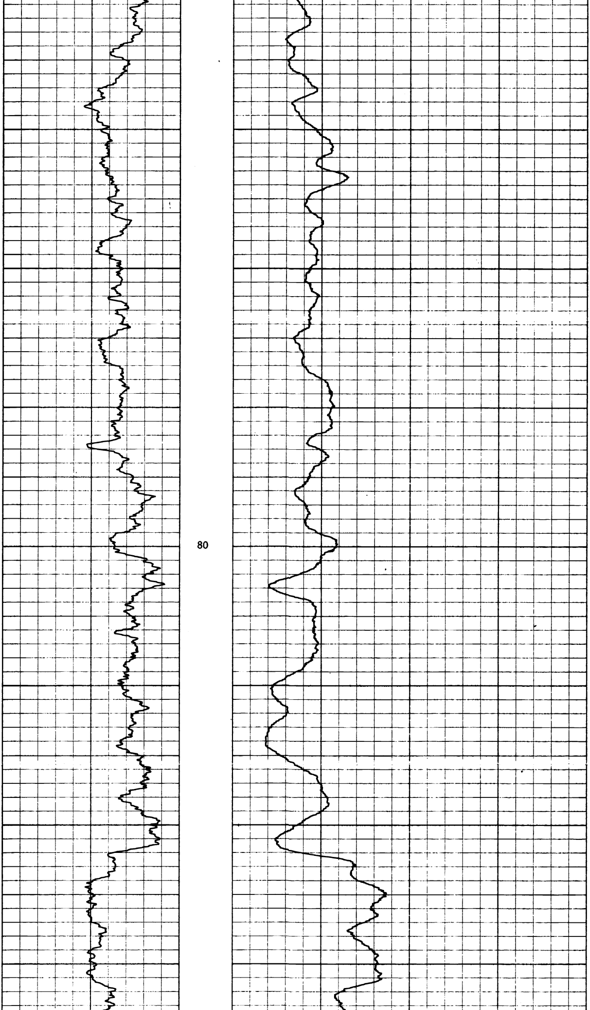
LOGGING DATA

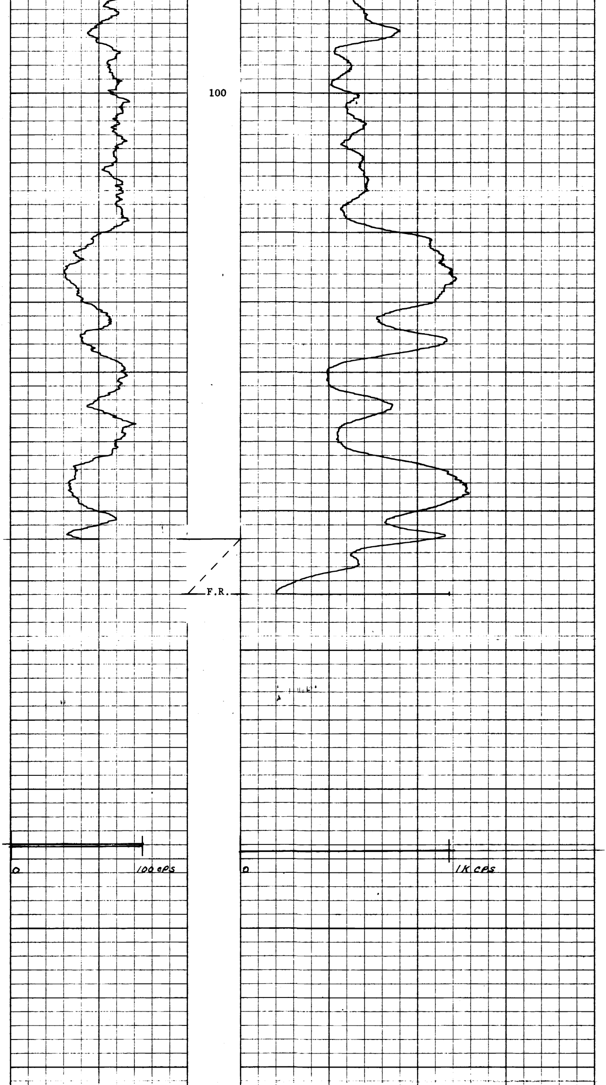
GENERAL				GAMMA RAY				NEUTRON			
RUN NO	DEPTHS FROM	DEPTHS TO	SPEED M/MIN	T.C. SEC.	SENS SETTINGS	ZERO DIV. L OR R	API G. R. UNITS PER LOG DIV.	T. C. SEC.	SENS SETTINGS	ZERO DIV. L OR R	API N. UNITS PER LOG DIV.
1	0	118	4	3	100	0 L	15 API	3	5 K	0 L	130 API

REMARKS LOGGED THROUGH DRILL RODS









PR-Goodrich 80(3)A

ROKE [redacted]

OIL ENTERPRISES LTD. CALGARY, ALBERTA

FILE NO.
LSD
SEC
TWP
RGE
W_______M

COMPANY GULF CANADA RESOURCES INC.

WELL GDR - DDH - 80 - 26

LOCATION

FIELD GOODRICH

PROVINCE BRITISH COLUMBIA

Other Services:
GR - N

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

K.B.
CSG
G.L.

Run. No.	ONE		
Date	18 SEPT. 1980		
First Reading	201 M		
Last Reading	0		
Footage Logged	201		
Depth Reached	202		
Depth Driller			
Casing Roke	14		
Casing Driller			
Fluid Type	MUD		
Liquid Level	6.5		
Min. Diam.	HQ		
Operating Time	2 HOURS		
Truck No.	FU # 2		

Recorded By SIM
Witnessed By ZSCHACH

531

GENERAL				GAMMA RAY				SIDEWALL DENSILOG			
RUN	DEPTHS		SPEED	T.C.	SENS	ZERO	API G.R. UNITS	T.C.	SENS	ZERO	CPS/ DIV
NO.	FROM	TO	M MIN	SEC.	SETTINGS	DIV.L OR R	PER LOG DIV.	SEC.	SETTINGS	DIV.L OR R	
1	0	201	6					.2	5 K	4.04	232.51

REMARKS HOLE BRIDGED AT 80 M

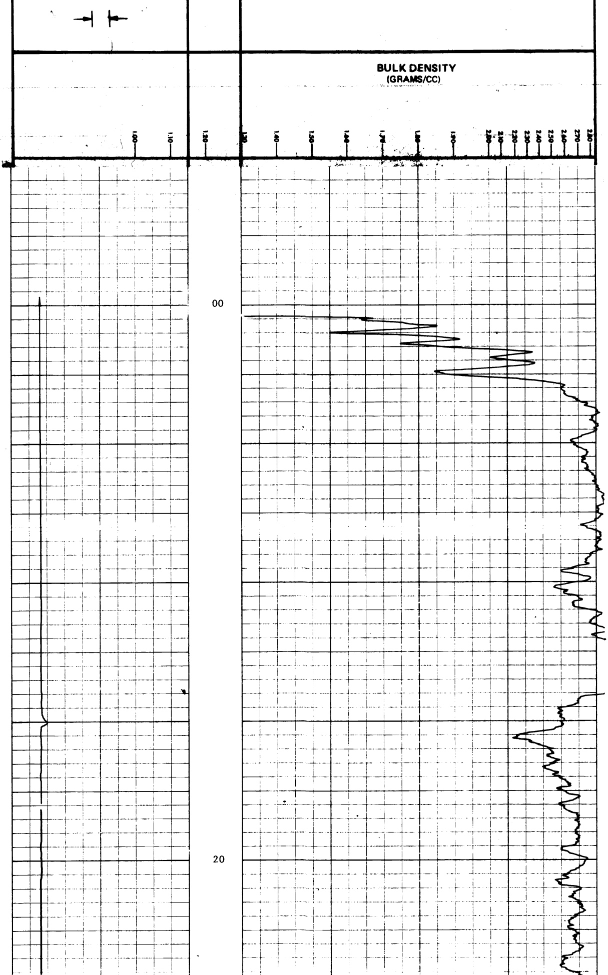
CAL TOOL # 587 DENS TOOL # 829AS

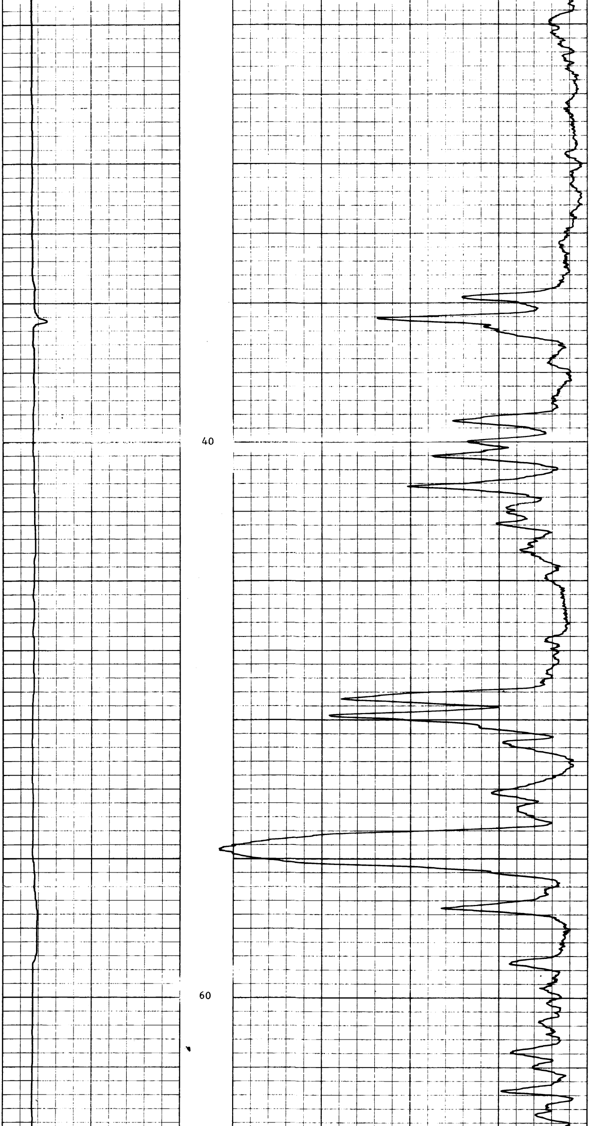
DEPTHS

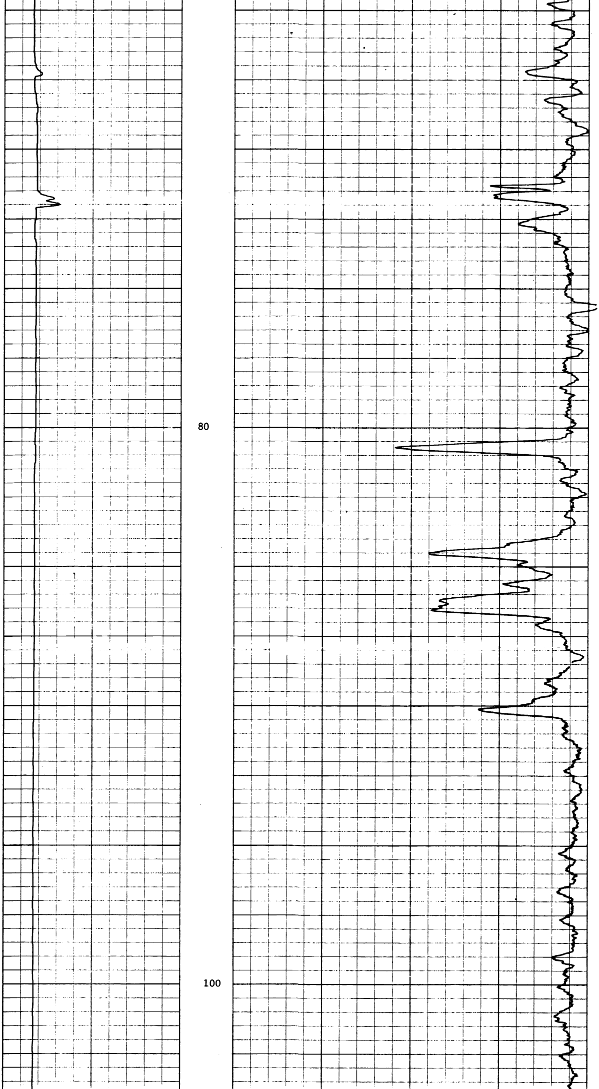
CALIPER
DIAMETER - CM

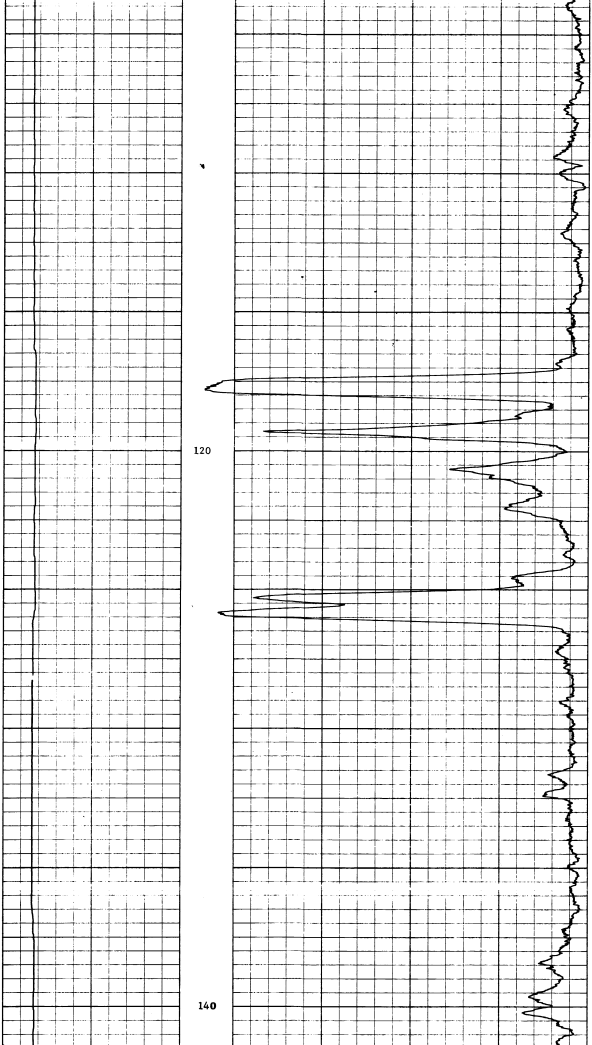
10 15 20

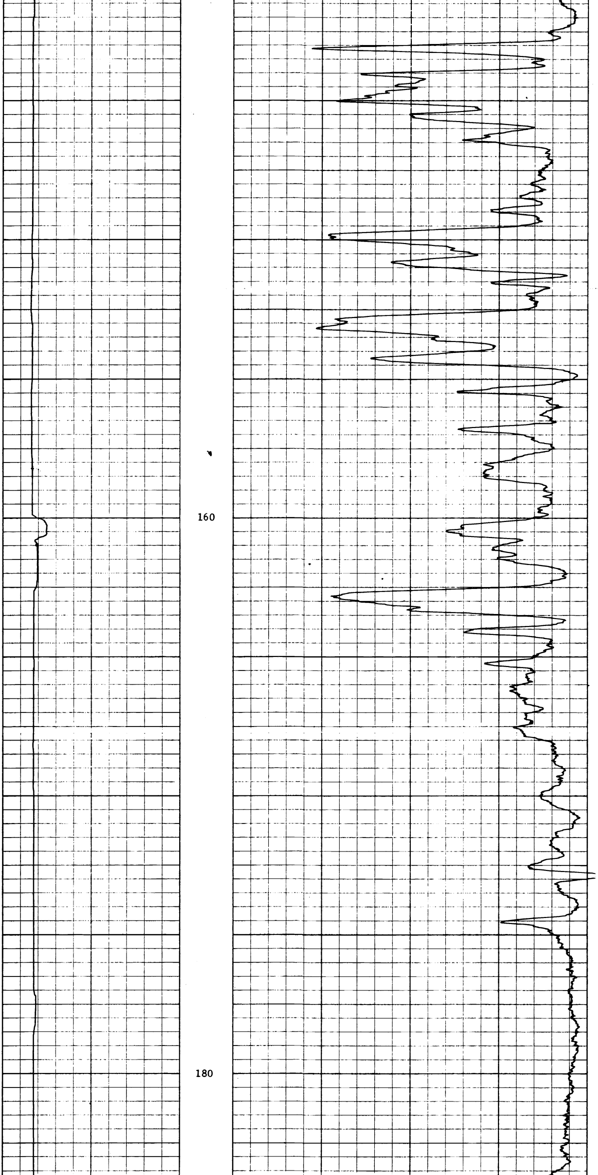
GAMMA RAY
API

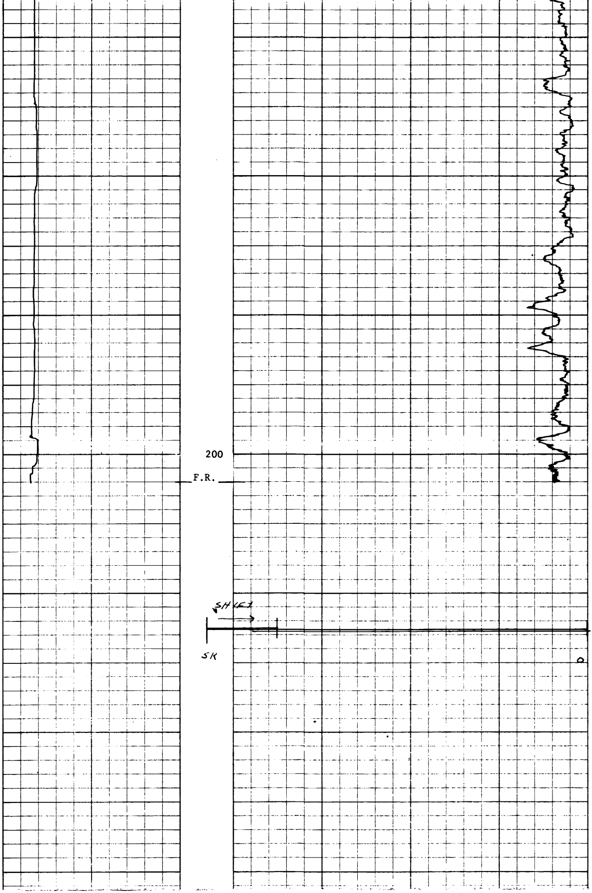












PR- Goodrich 80(3)A

ROKE

GAMMA RAY NEUTRON LOG

OIL ENTERPRISES LTD. CALGARY, ALBERTA

FILE NO.
LSD
SEC
TWP
RGE
W________M

COMPANY GULF CANADA RESOURCES INC.
WELL GDR - DDH - 80 - 26
LOCATION
FIELD GOODRICH
PROVINCE BRITISH COLUMBIA

Other Services:
DEN, CAL

Permanent Datum GROUND LEVEL Elev.
Log Measured from CASING .0 M Above Perm. Datum
Well Depths Measured from

K.B.
CSG
G.L.

Run. No.		TWO	
Date		18 SEPT. 1980	
First Reading		201 M	
Last Reading		0	
Footage Logged		201	
Depth Reached		201.3	
Depth Driller			
Casing Roke		14	
Casing Driller			
Fluid Type		MUD	
Liquid Level		6.5	
Min. Diam.		HQ	
Rm @			
Operating Time		2 HOURS	531
Truck No.		FU 2	

Recorded By SIM Witnessed By ZSCHACH

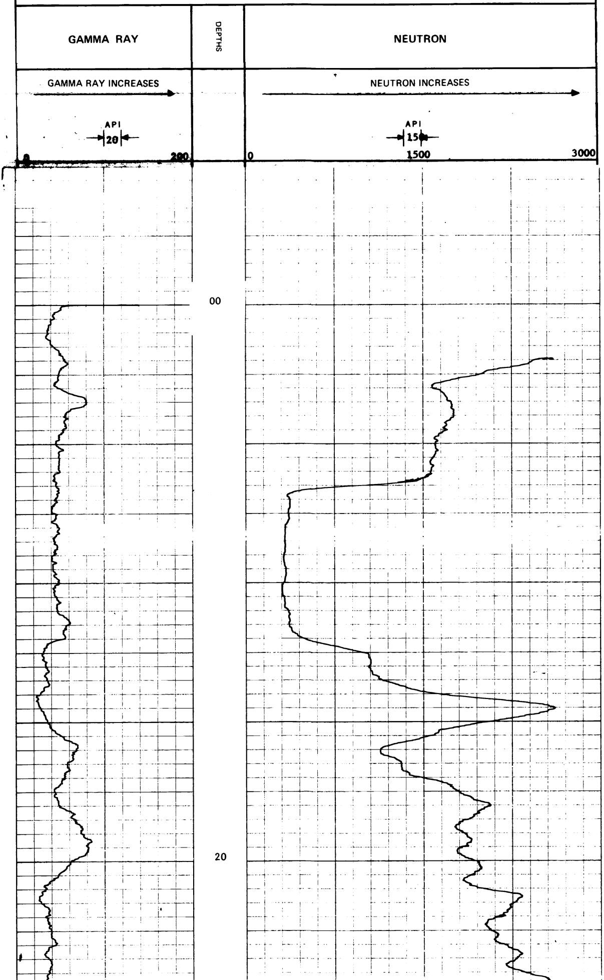
EQUIPMENT DATA

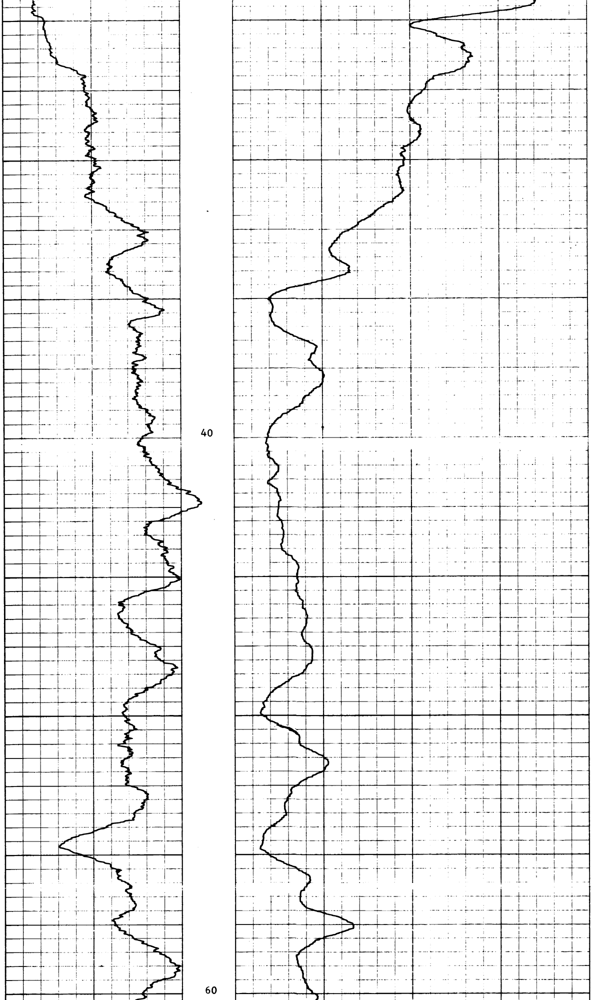
GAMMA RAY		NEUTRON	
RUN NO.	ONE	RUN NO.	ONE
TOOL MODEL NO.		LOG TYPE	NEUTRON/NEUTRON
DIAMETER	32 MM	TOOL MODEL NO.	
DETECTOR MODEL NO.		DIAMETER	32 MM
TYPE	SCINTILLATION	DETECTOR MODEL NO.	
LENGTH	10 CM	TYPE	PROPORTIONAL
DISTANCE TO N. SOURCE	2.1 M	LENGTH	15 CM
		SOURCE MODEL NO.	MRC-N-SS-W
GENERAL		SERIAL NO.	127
HOIST TRUCK NO.		SPACING	43 CM
INSTRUMENT TRUCK NO.		TYPE	AmBe
TOOL SERIAL NO.	125A006	STRENGTH	3 CURIES

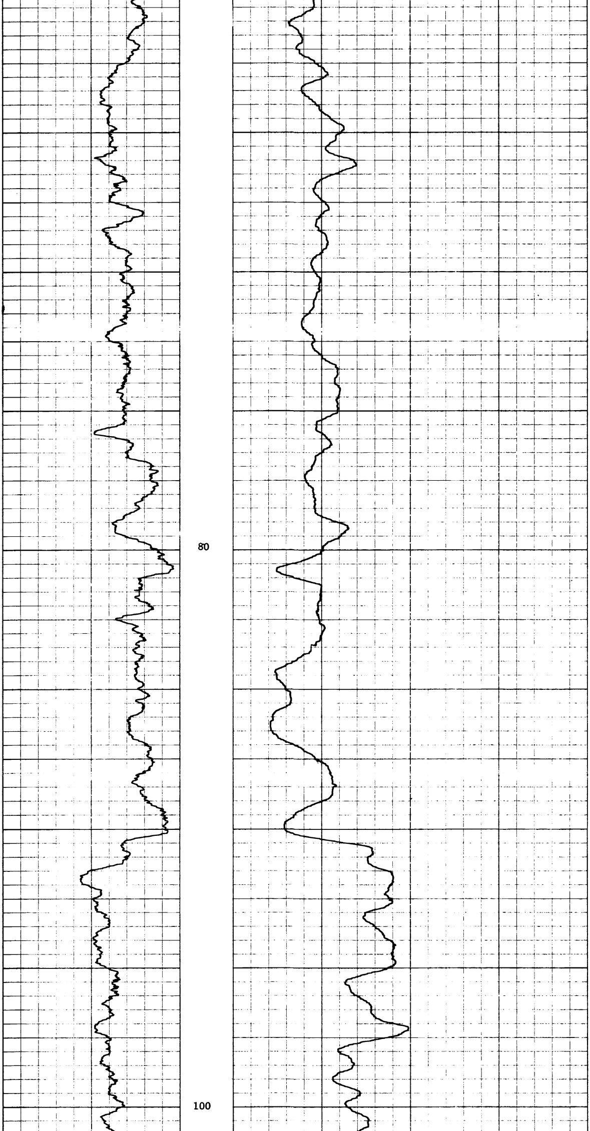
LOGGING DATA

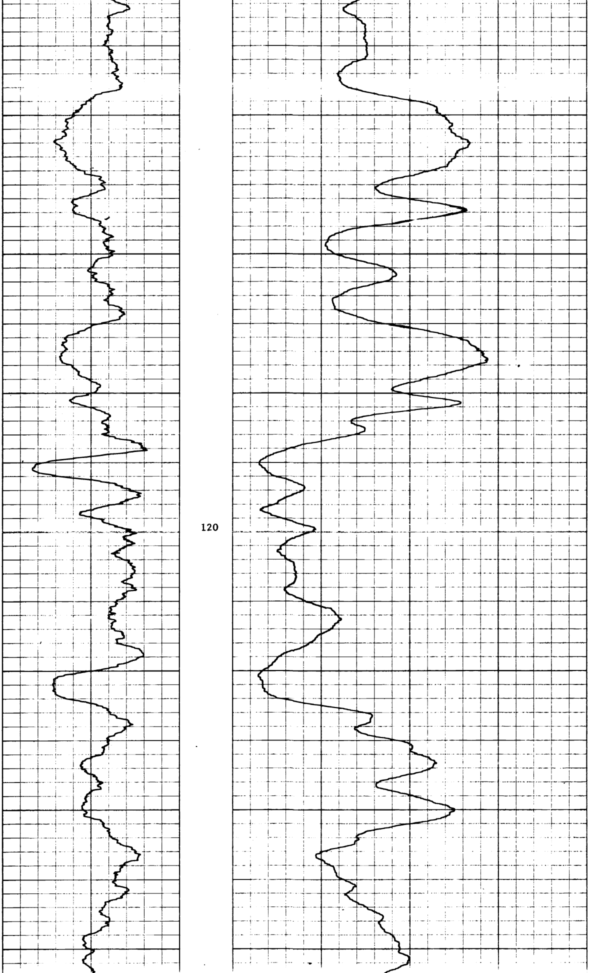
GENERAL				GAMMA RAY				NEUTRON			
RUN	DEPTHS		SPEED	T.C.	SENS	ZERO	API G. R. UNITS	T. C.	SENS	ZERO	API N. UNITS
NO.	FROM	TO	M /MIN	SEC.	SETTINGS	DIV. L OR R	PER LOG DIV.	SEC.	SETTINGS	DIV. L OR R	PER LOG DIV.
1	0	201	4	3	100	0 L	20 API	3	5 K	0 2	150 API

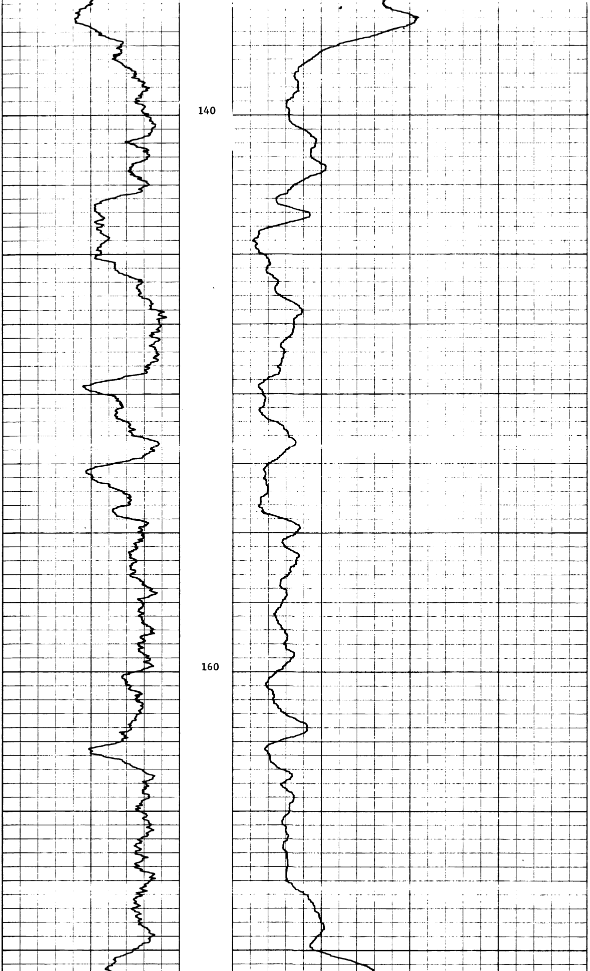
REMARKS

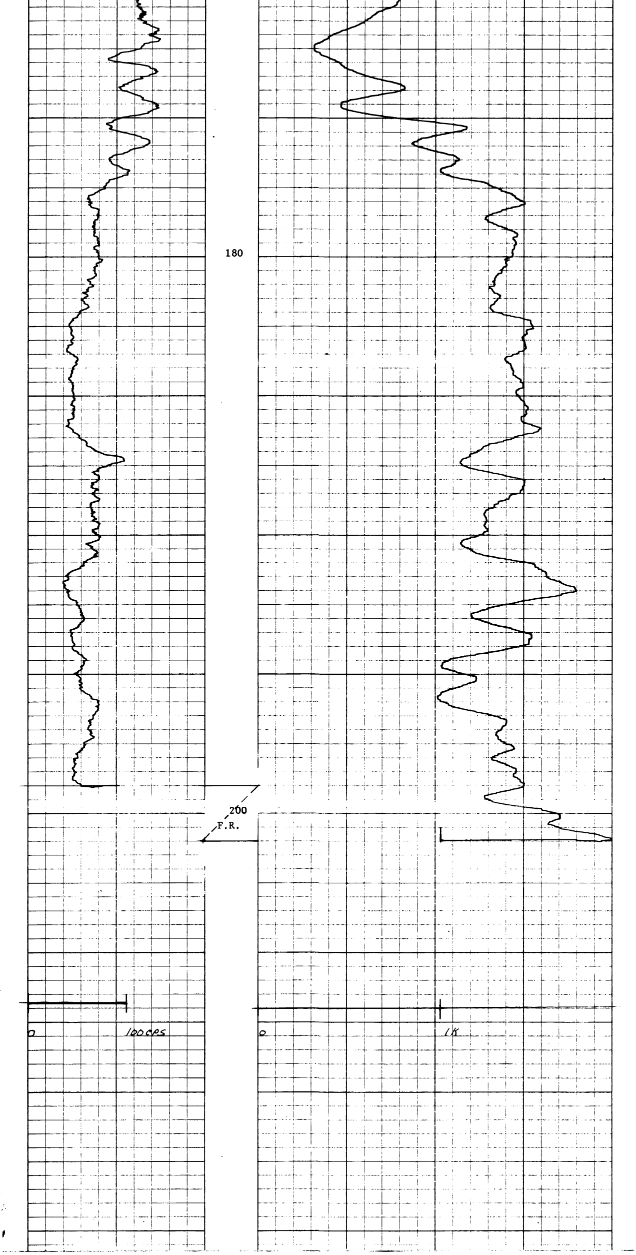












ROKE

OIL ENTERPRISES LTD. CALGARY, ALBERTA

GAMMA RAY NEUTRON LOG

PR-Goodrich 80(3)A

531

FILE NO.

LSD
SEC
TWP
RGE
W________M

COMPANY GULF CANADA RESOURCES INC.
WELL GDR - DDH - 80 - 27
LOCATION
FIELD GOODRICH
PROVINCE BRITISH COLUMBIA

Other Services: NIL

Permanent Datum GROUND LEVEL Elev.
Log Measured from RIG FLOOR .3 Above Perm. Datum
Well Depths Measured from

K.B.
CSG
G.L.

Run. No.	ONE
Date	23 SEPT. 1980
First Reading	292 M
Last Reading	0
Footage Logged	292.3
Depth Reached	
Depth Driller	
Casing Roke	
Casing Driller	
Fluid Type	MUD
Liquid Level	2.2
Min. Diam.	HQ
Rm @	
Operating Time	4 HOURS
Truck No.	FU 2

Recorded By SIM
Witnessed By ZSCHACH

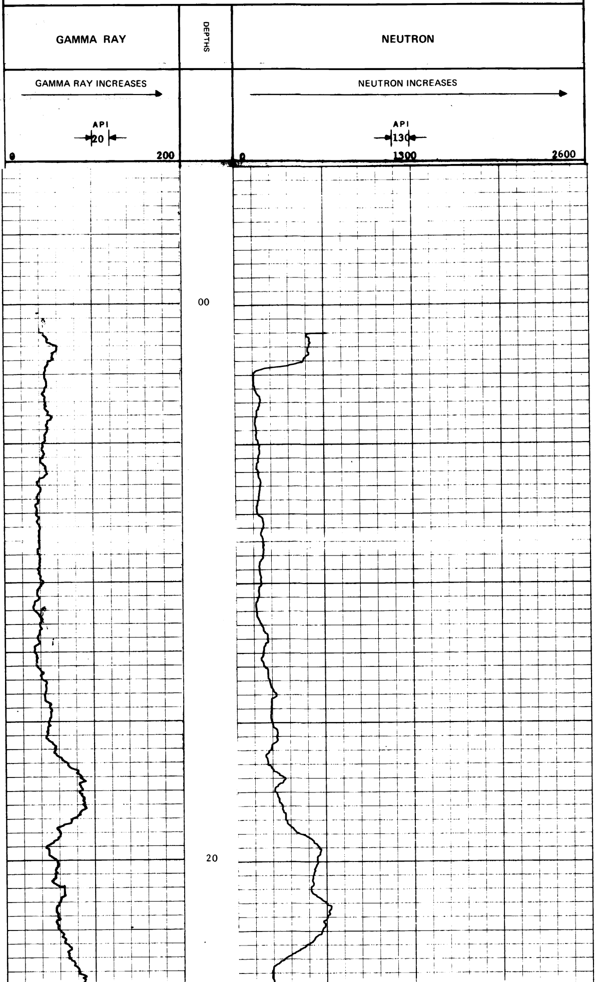
EQUIPMENT DATA

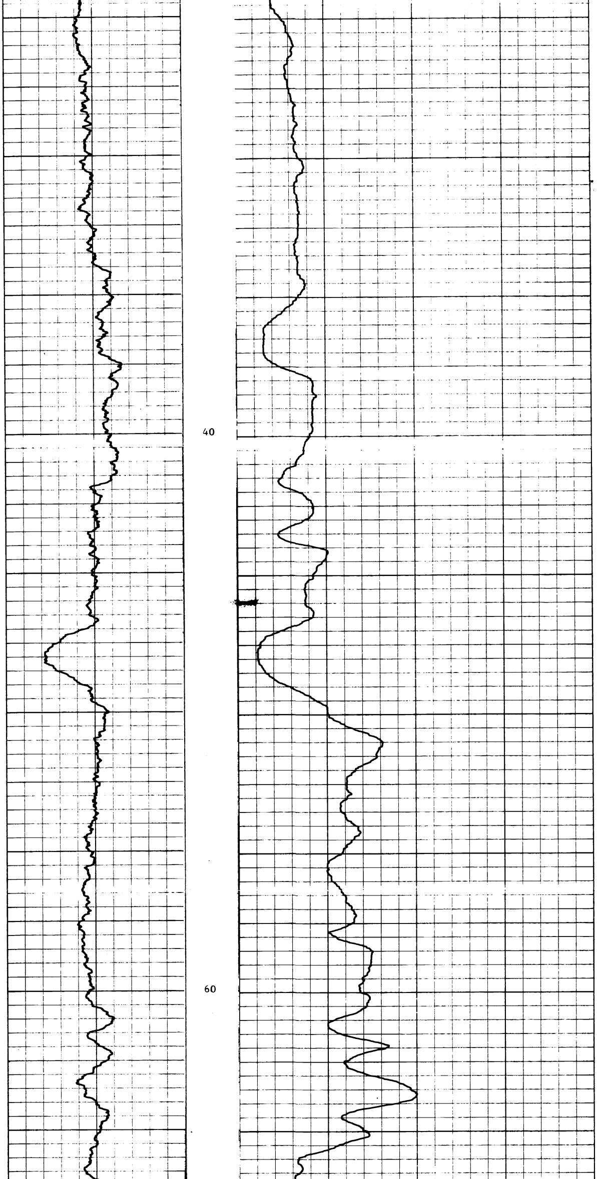
GAMMA RAY		NEUTRON	
RUN NO.	ONE	RUN NO.	ONE
TOOL MODEL NO.		LOG TYPE	NEUTRON/NEUTRON
DIAMETER	32 MM	TOOL MODEL NO.	
DETECTOR MODEL NO.		DIAMETER	32 MM
TYPE	SCINTILLATION	DETECTOR MODEL NO.	
LENGTH	10 CM	TYPE	PROPORTIONAL
DISTANCE TO N. SOURCE	2.1 M	LENGTH	15 CM
		SOURCE MODEL NO.	MRC-N-SS-W
GENERAL		SERIAL NO.	127
HOIST TRUCK NO.		SPACING	43 CM
INSTRUMENT TRUCK NO.		TYPE	AmBe
TOOL SERIAL NO.	125A006 GR - 175	STRENGTH	3 CURIES

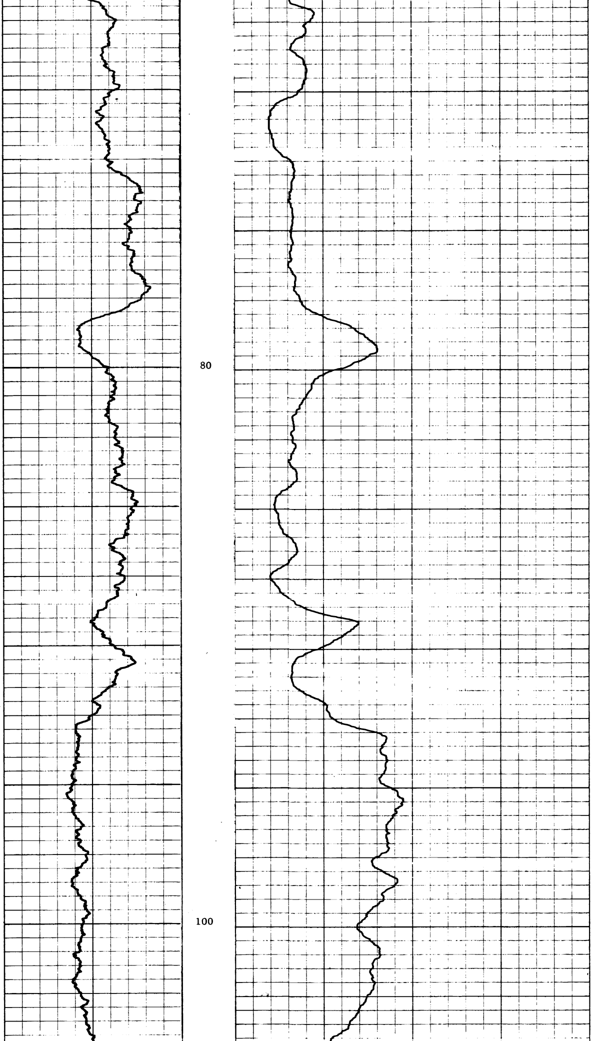
LOGGING DATA

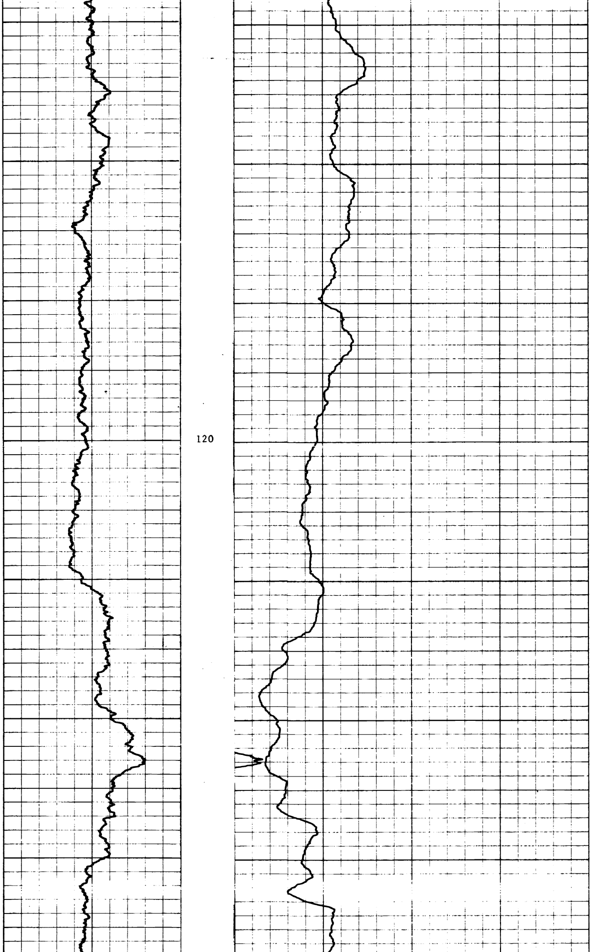
GENERAL				GAMMA RAY				NEUTRON			
RUN NO.	DEPTHS FROM	DEPTHS TO	SPEED M /MIN	T.C. SEC.	SENS SETTINGS	ZERO DIV. L OR R	API G. R. UNITS PER LOG DIV.	T. C. SEC.	SENS SETTINGS	ZERO DIV. L OR R	API N. UNITS PER LOG DIV.
1	0	292	4	4	100	0 2	20 API	3	5 K	0 L	130 API

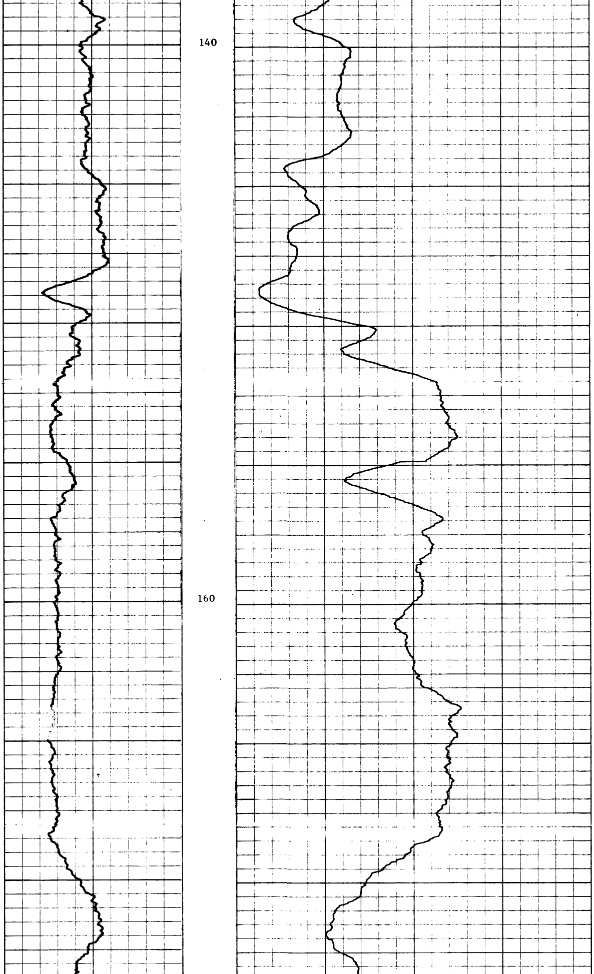
REMARKS NO OTHER SURVEYS, CASING SLID DOWN HOLE

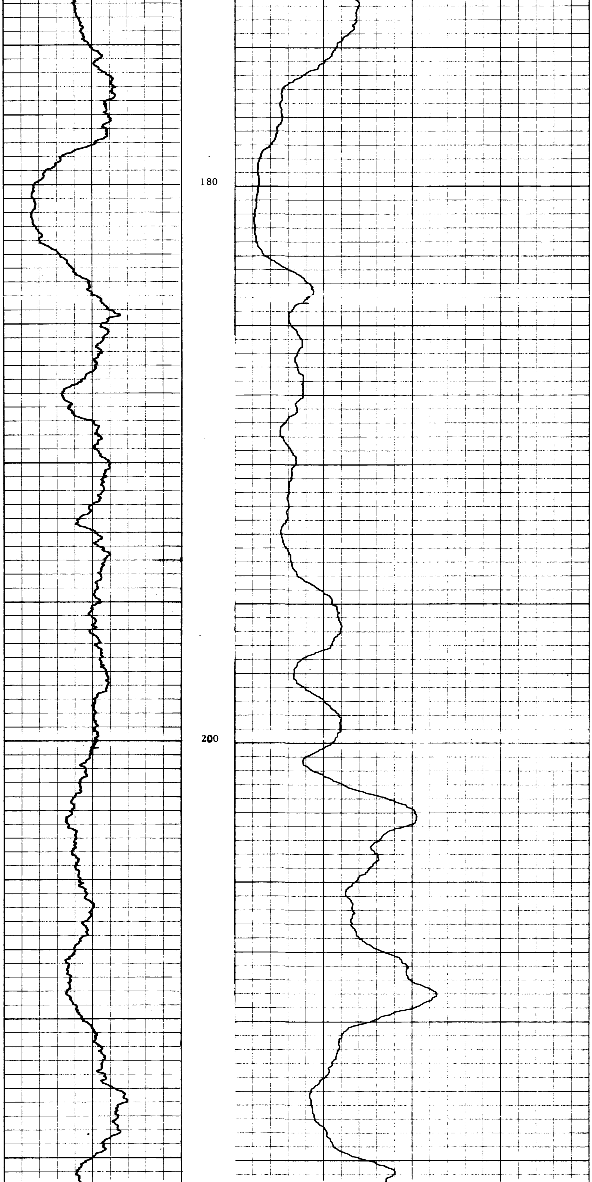


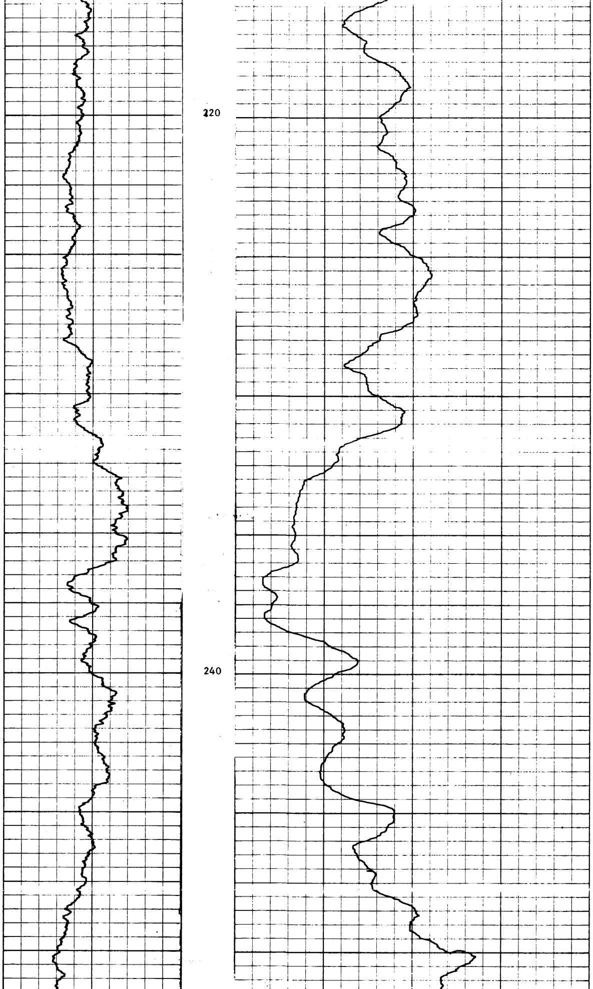


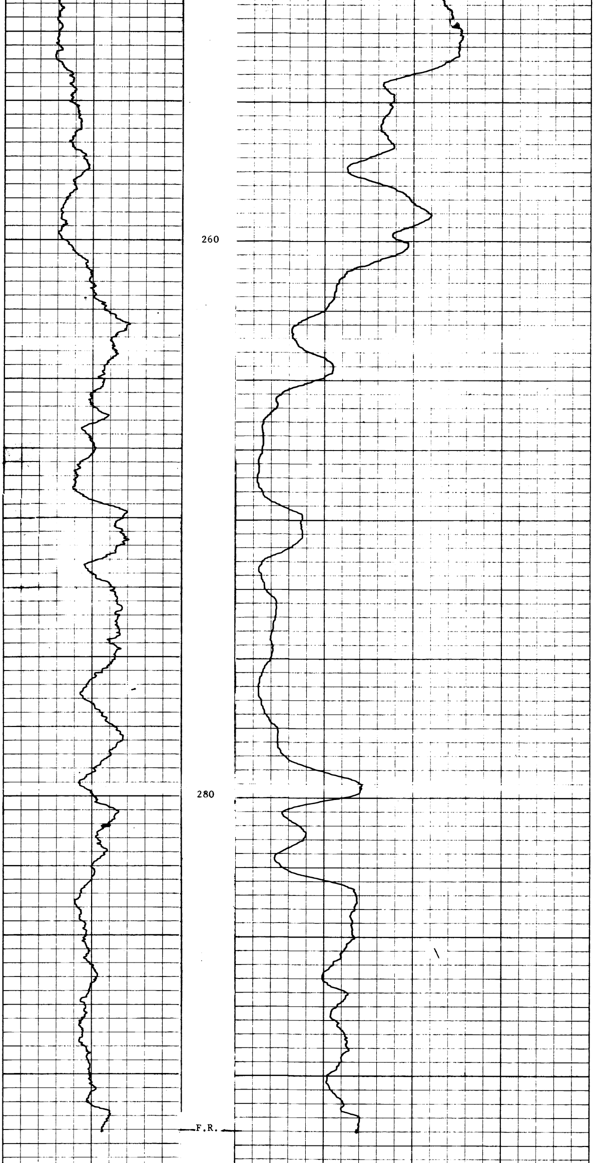


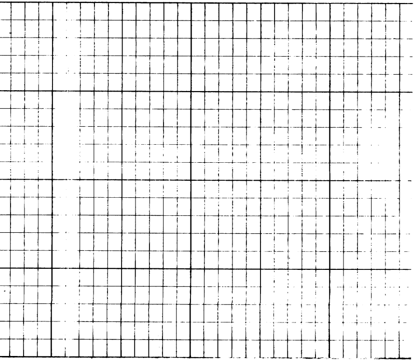


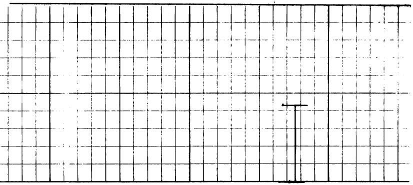












ROKE
OIL ENTERPRISES LTD. CALGARY, ALBERTA

GAMMA RAY NEUTRON LOG

PR-Goodrich 80(3)A

FILE NO.

LSD
SEC
TWP
RGE
W_____M

COMPANY GULF CANADA RESOURCES INC.
WELL GDR - DDH - 80 - 29
LOCATION
FIELD GOODRICH
PROVINCE BRITISH COLUMBIA

Other Services:
NONE

Permanent Datum GROUND LEVEL Elev.
Log Measured from RIG FLOOR .4 M Above Perm. Datum
Well Depths Measured from

K.B.
CSG
G.L.

Run. No.	ONE		
Date	22 SEPT. 1980		
First Reading	200		
Last Reading	0		
Footage Logged	200		
Depth Reached	203		
Depth Driller			
Casing Roke	21.8		
Casing Driller			
Fluid Type	MUD		
Liquid Level	9		
Min. Diam.	HQ		
Rm @			
Operating Time	5 HOURS		
Truck No.	FU 2		

Recorded By SIM | Witnessed By ZSCHACH

531

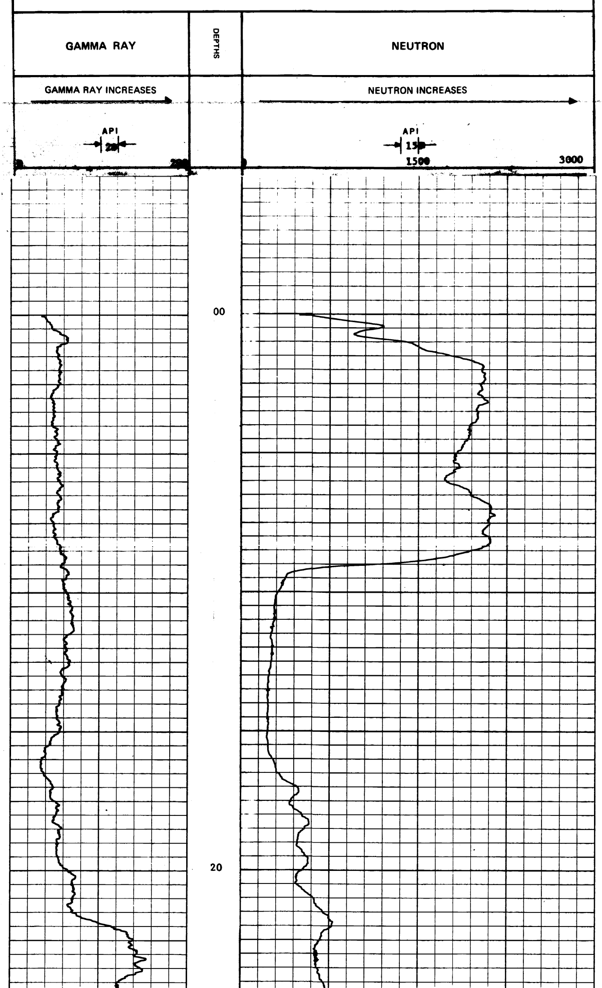
EQUIPMENT DATA

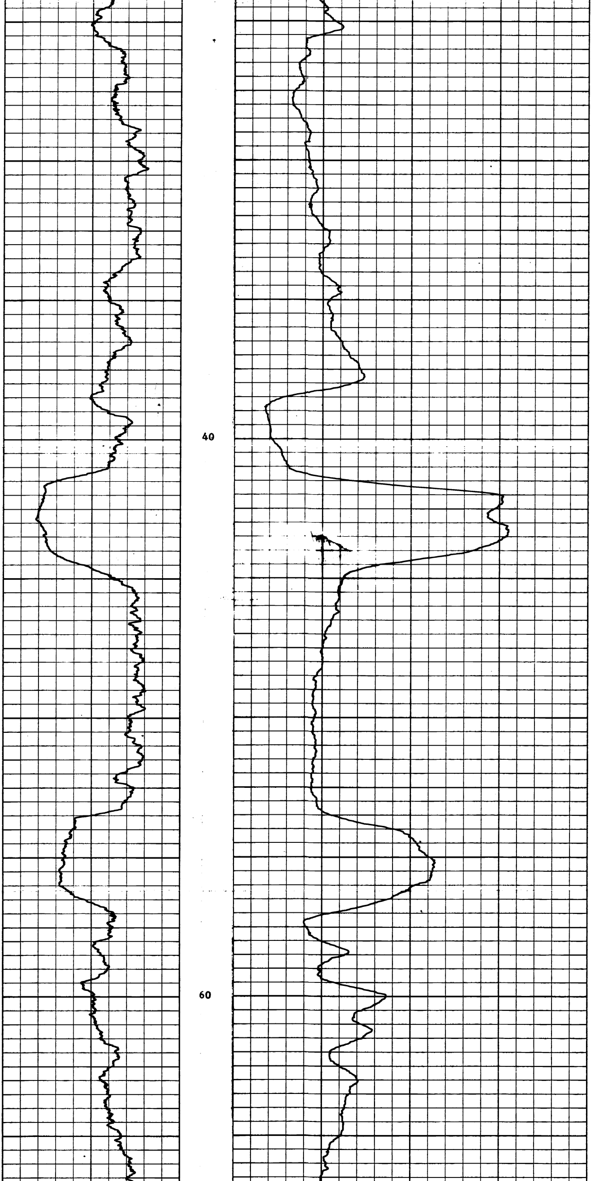
GAMMA RAY		NEUTRON	
RUN NO.	ONE	RUN NO.	ONE
TOOL MODEL NO.		LOG TYPE	NEUTRON/NEUTRON
DIAMETER	32 MM	TOOL MODEL NO.	
DETECTOR MODEL NO.		DIAMETER	32 MM
TYPE	SCINTILLATION	DETECTOR MODEL NO.	
LENGTH	10 CM	TYPE	PROPORTIONAL
DISTANCE TO N. SOURCE	2.1 M	LENGTH	15 CM
		SOURCE MODEL NO.	MRC-N-SS-W
GENERAL		SERIAL NO.	127
HOIST TRUCK NO.		SPACING	43 CM
INSTRUMENT TRUCK NO.		TYPE	AmBe
TOOL SERIAL NO.	125A006, GR - 175	STRENGTH	3 CURIES

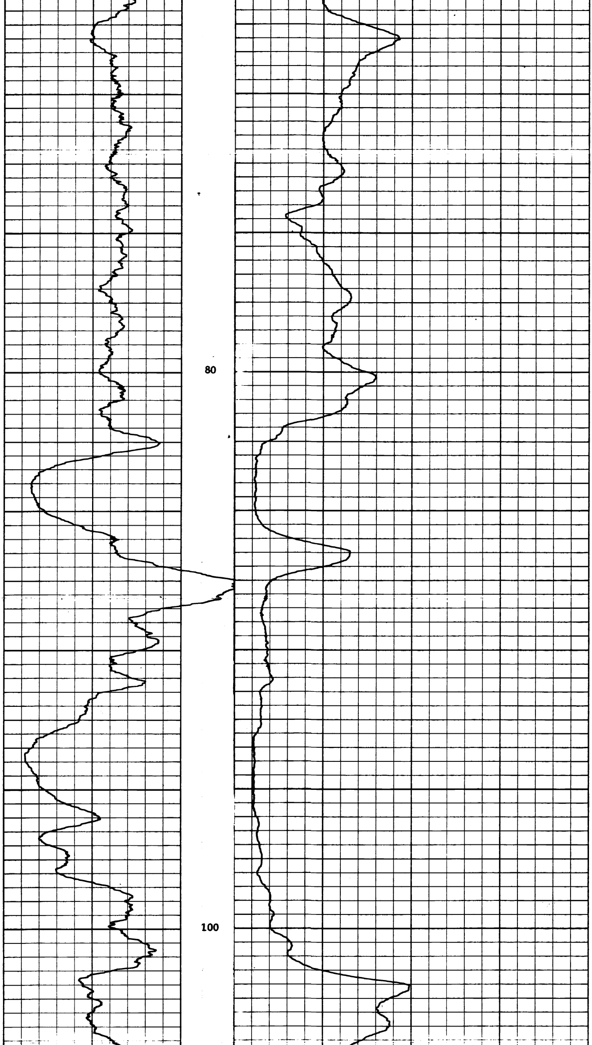
LOGGING DATA

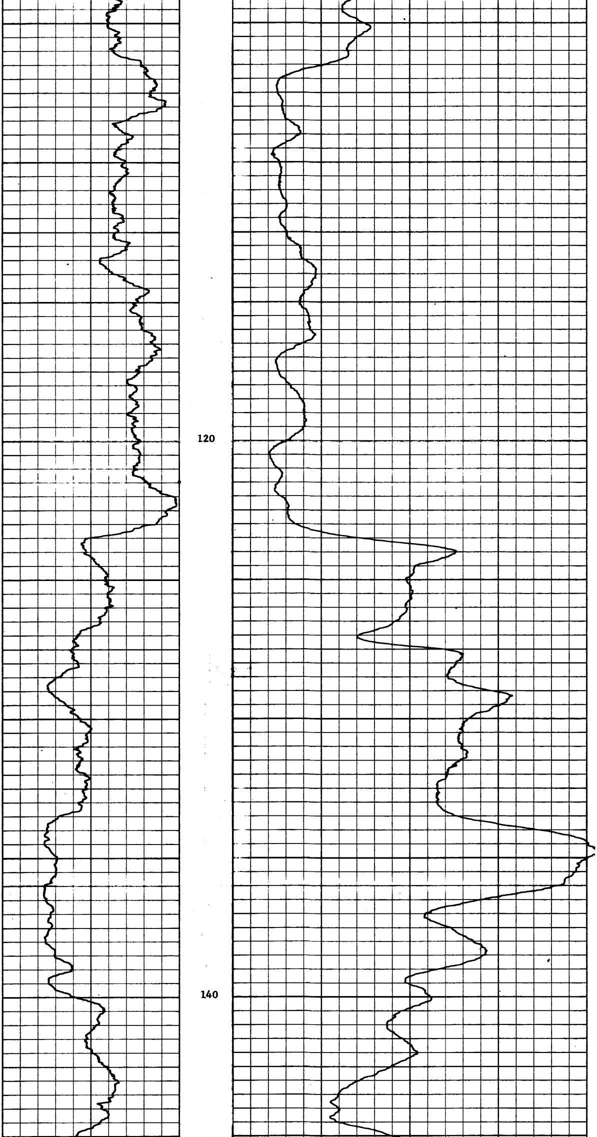
GENERAL				GAMMA RAY				NEUTRON			
RUN NO.	DEPTHS FROM	TO	SPEED M /MIN	T.C. SEC.	SENS SETTINGS	ZERO DIV. L OR R	API G. R. UNITS PER LOG DIV.	T. C. SEC.	SENS SETTINGS	ZERO DIV. L OR R	API N. UNITS PER LOG DIV.
1	0	200	4	3	100	0 L	15 API	3	1000	0 L	150 API

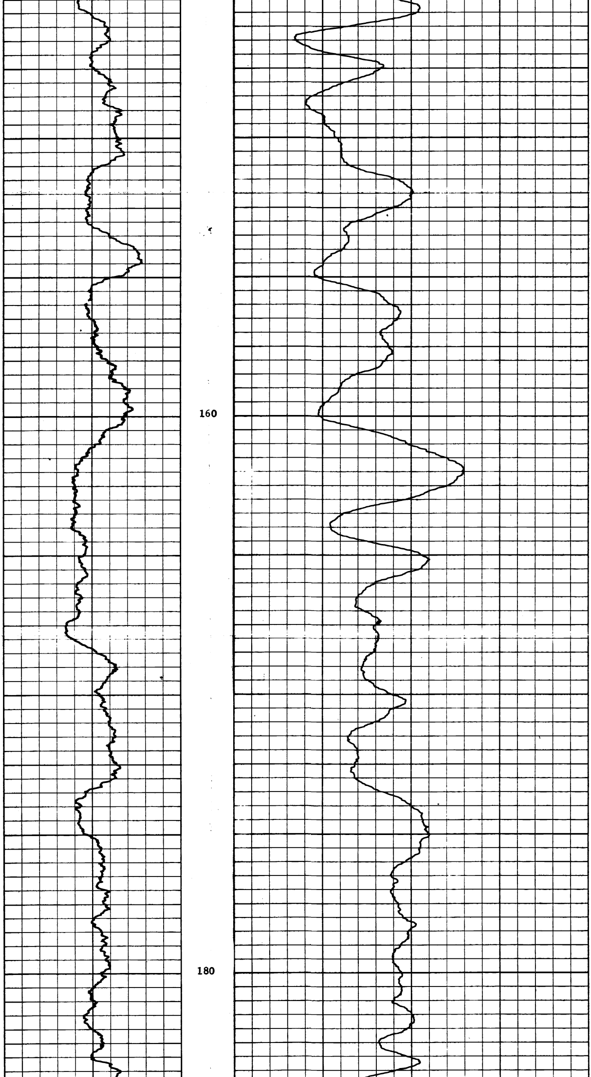
REMARKS

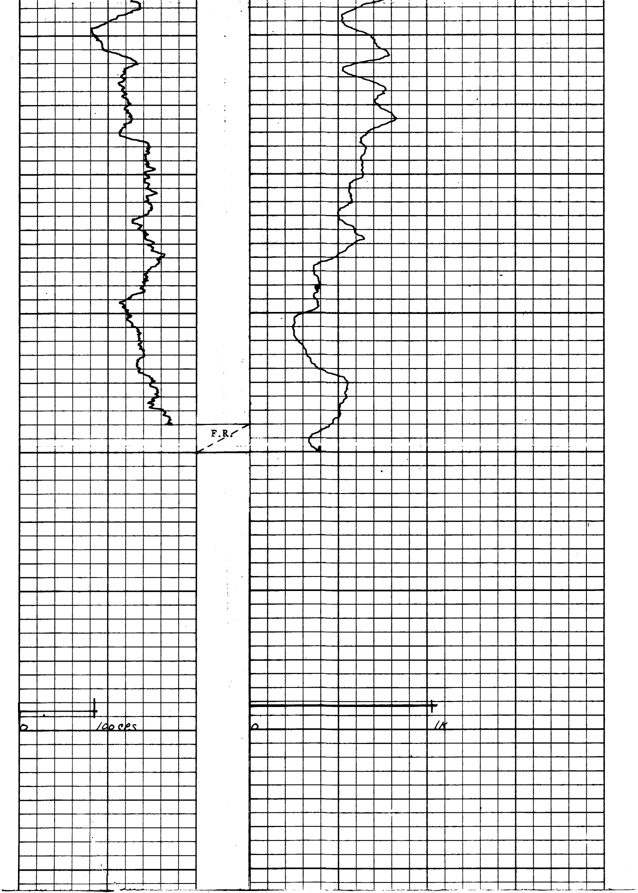












PR-Goodrich 80(3)A

ROKE

FOCUSED BEAM LOG 5 CM
20 CM

OIL ENTERPRISES LTD. CALGARY, ALBERTA

FILE NO
LSD
SEC
TWP
RGE
W ______ M

COMPANY GULF CANADA RESOURCES INC.
WELL GDR - DDH - 80 - 29
LOCATION
FIELD GOODRICH
PROVINCE BRITISH COLUMBIA

Other Services:
NONE
K.B.
CSG
G.L.

Permanent Datum GROUND LEVEL Elev.
Log Measured from RIG FLOOR .4 M Above Perm. Datum
Drilling Depths Measured from

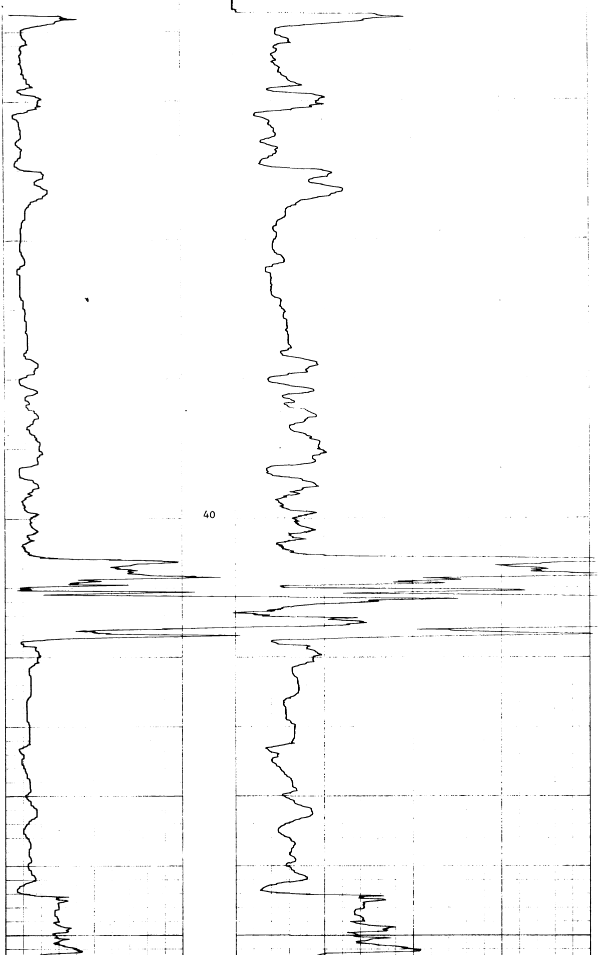
Run No	ONE		
Date	22 SEPT. 1980		
First Reading	199		
Last Reading	22		
Footage Logged	177		
Depth Reached	200		
Depth Driller			
Casing Roke	21.8		
Casing Driller			
Fluid Type	MUD		
Liquid Level	9		
Min Diam	HQ		
Rm @ °C			
Operating Time	2 HOURS		531
Truck No	FU 2		

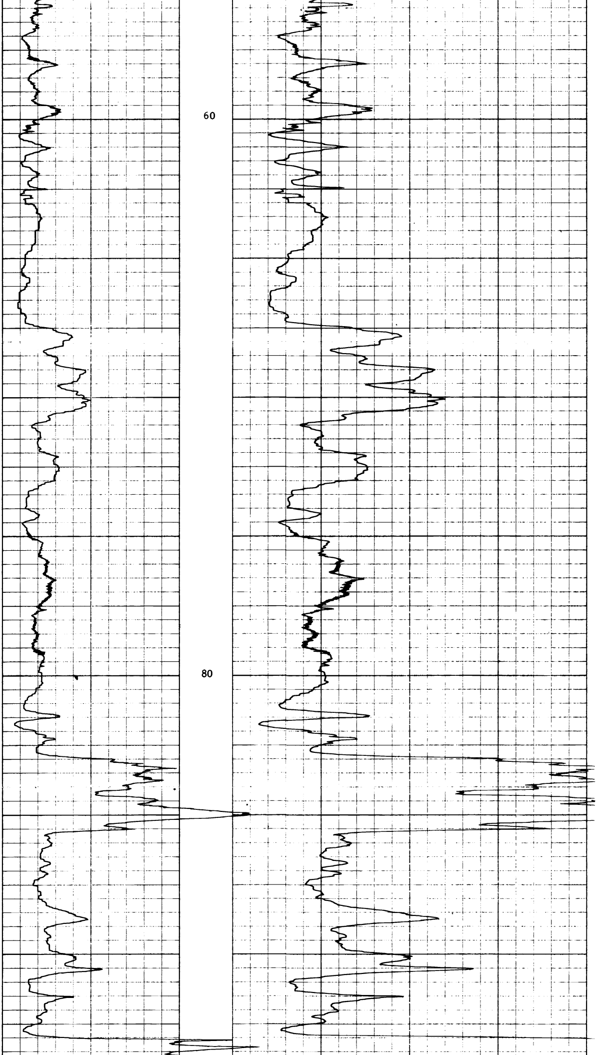
Recorded By SIM
Witnessed By ZSCHACH

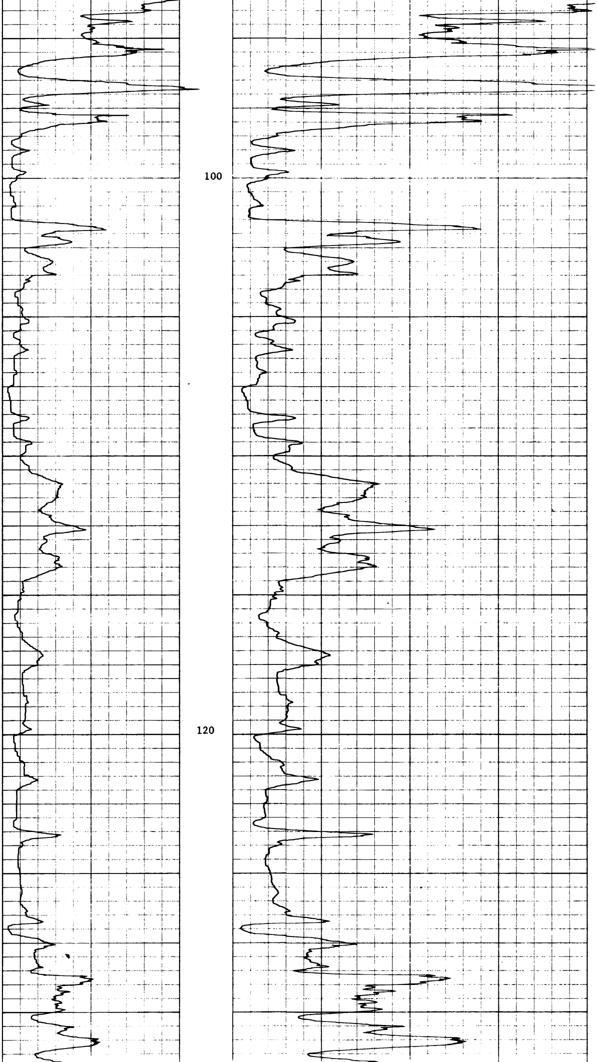
Remarks FBL # 12 CURRENT RANGE STD MUDFISH RESISTANCE 5 K OHMS
7 ELECTRODE SONDE 20 CM BEAM WIDTH 100 CM ARRAY
PRIMARY 200 OHM/DIV SECONDARY 500 OHM/DIV

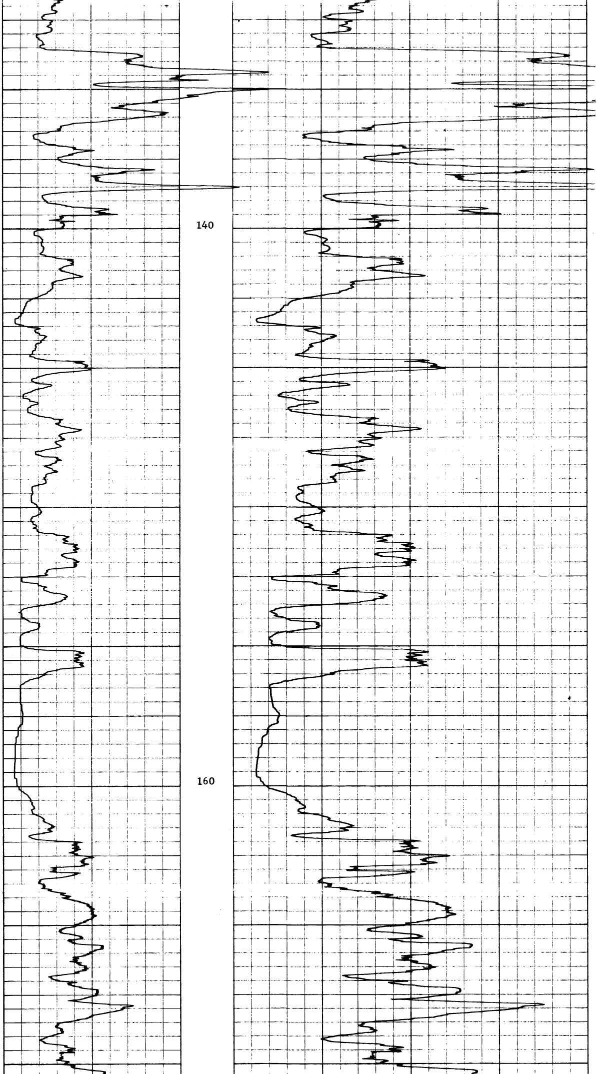
RESISTIVITY (OHM-METERS)	Depths	RESISTIVITY (OHM-METERS)
SECONDARY SCALE 0 5000		PRIMARY SCALE 0 2000 4000 6500 11500 16500

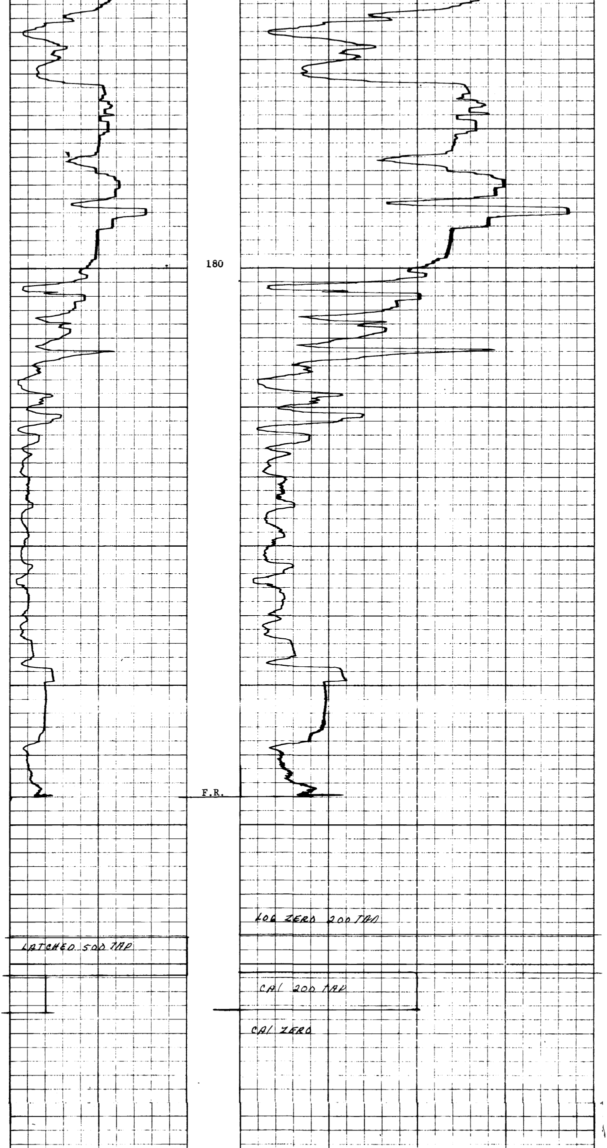
20

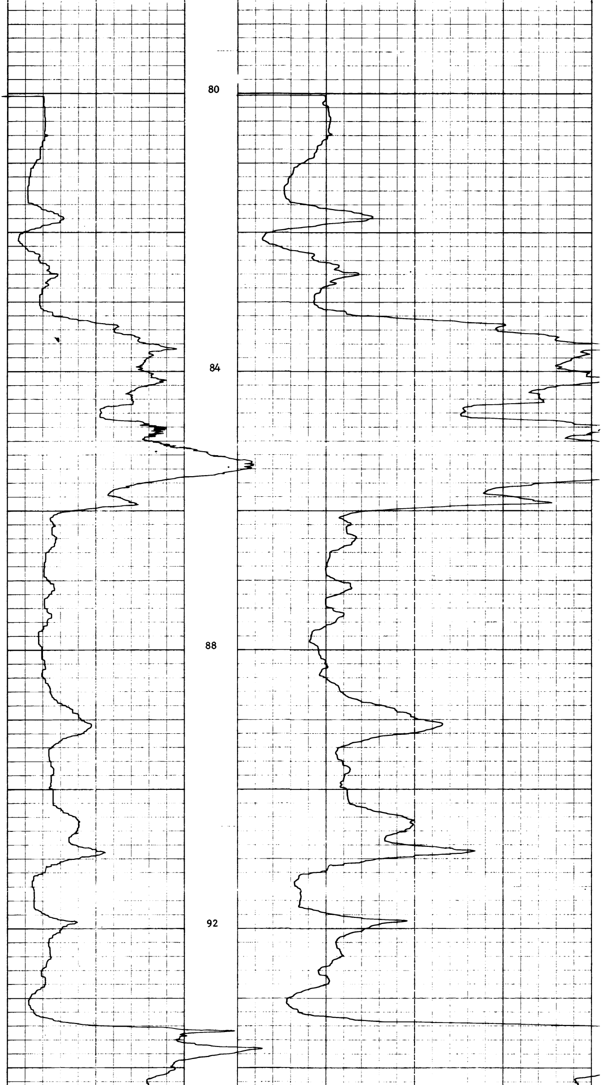


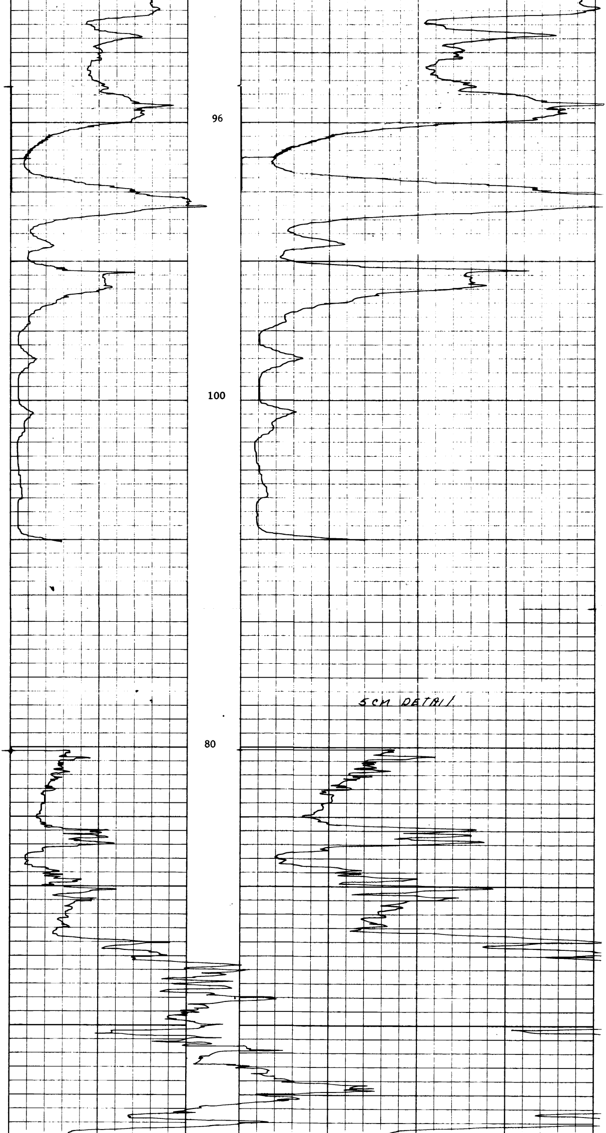


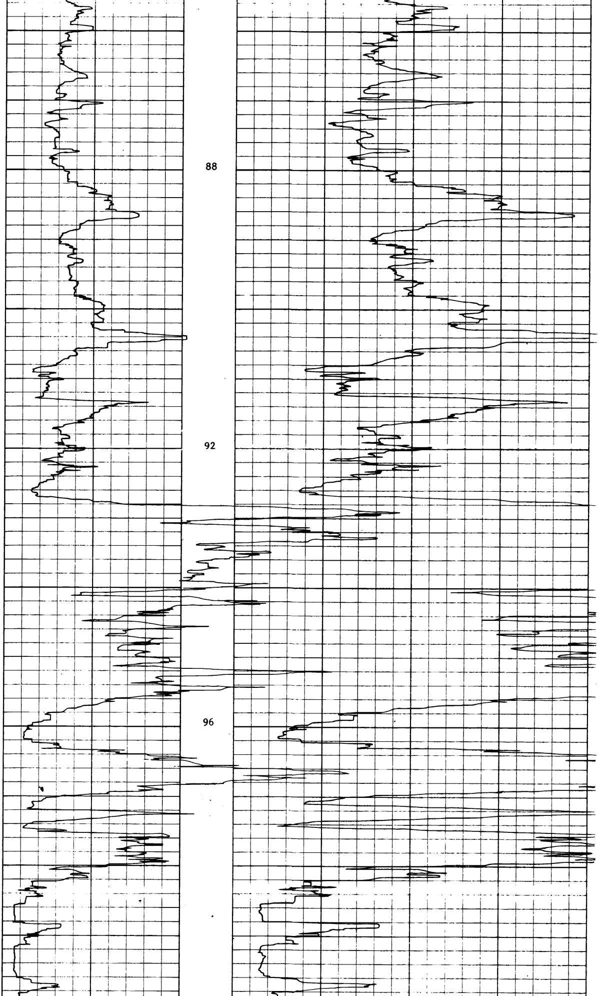


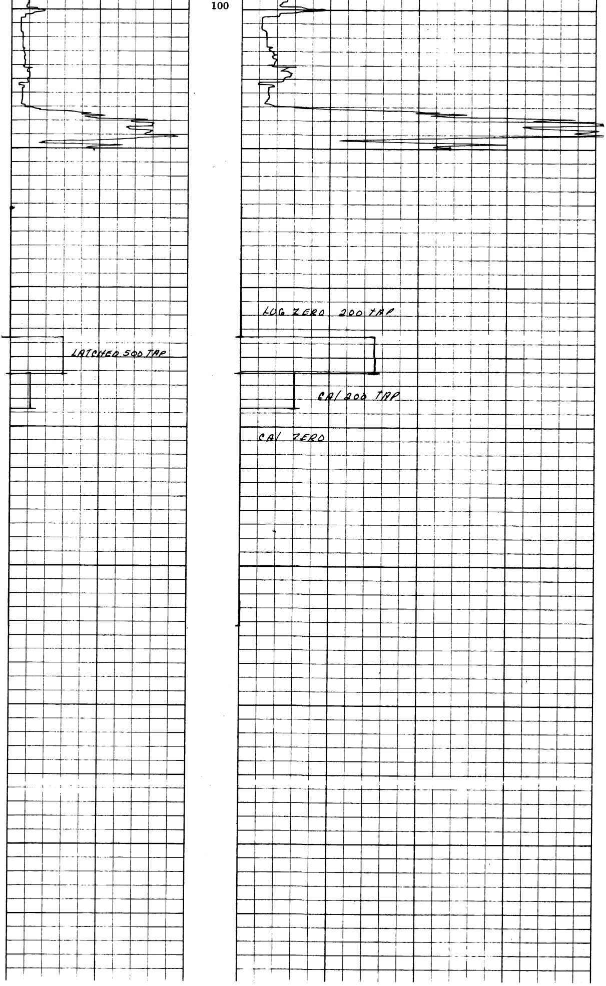












PR-Goodrich 80(3)A

ROKE

OIL ENTERPRISES LTD. CALGARY, ALBERTA

SIDEWALL DENSILOG
CALIPER

FILE NO.

LSD
SEC
TWP
RGE
W ______ M

COMPANY GULF CANADA RESOURCES INC.
WELL GDR - DDH - 80 - 29
LOCATION
FIELD GOODRICH
PROVINCE BRITISH COLUMBIA

Other Services:
GR-N, FBL

Permanent Datum GROUND LEVEL Elev.
Log Measured from RIG FLOOR .4 M Above Perm. Datum
Well Depths Measured from

K.B.
CSG
G.L.

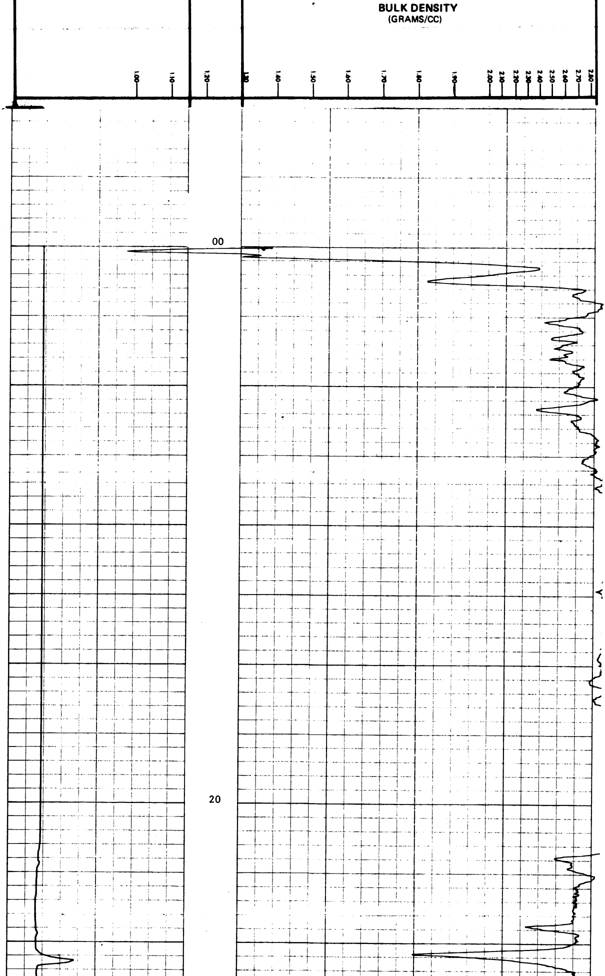
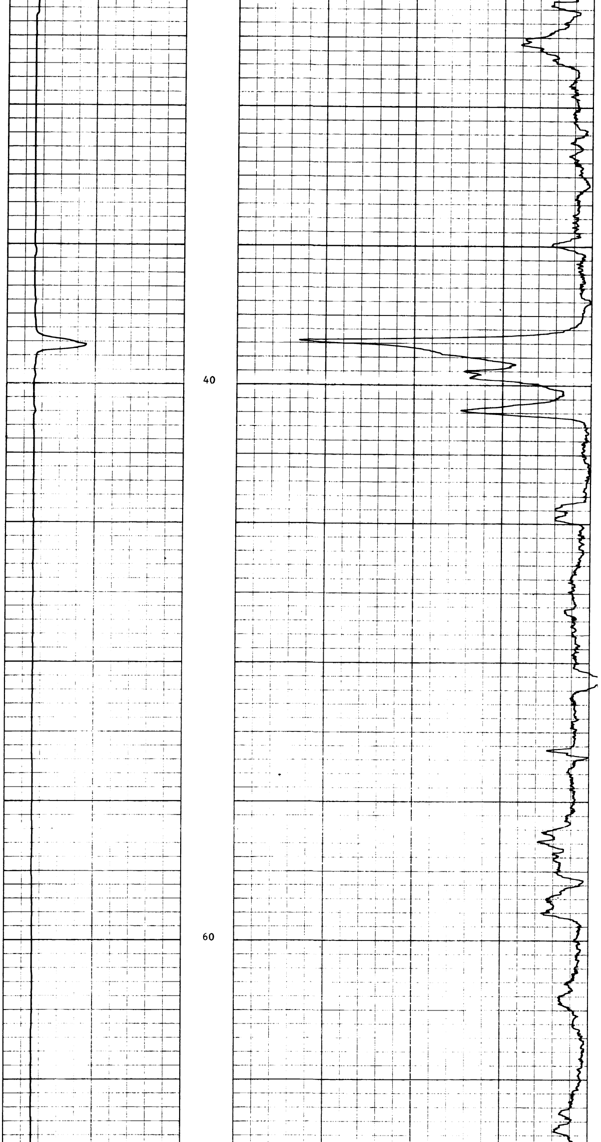
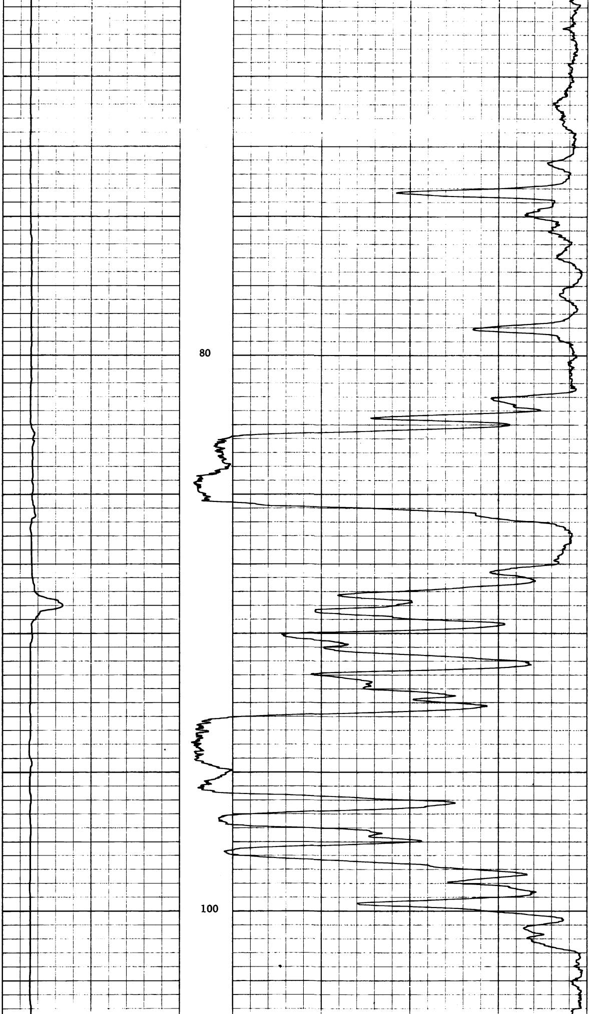
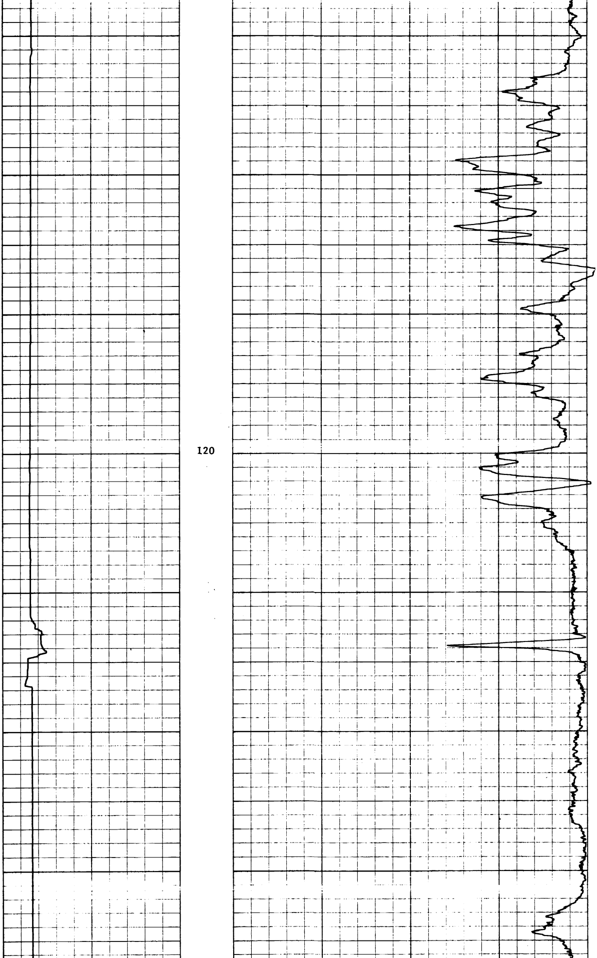
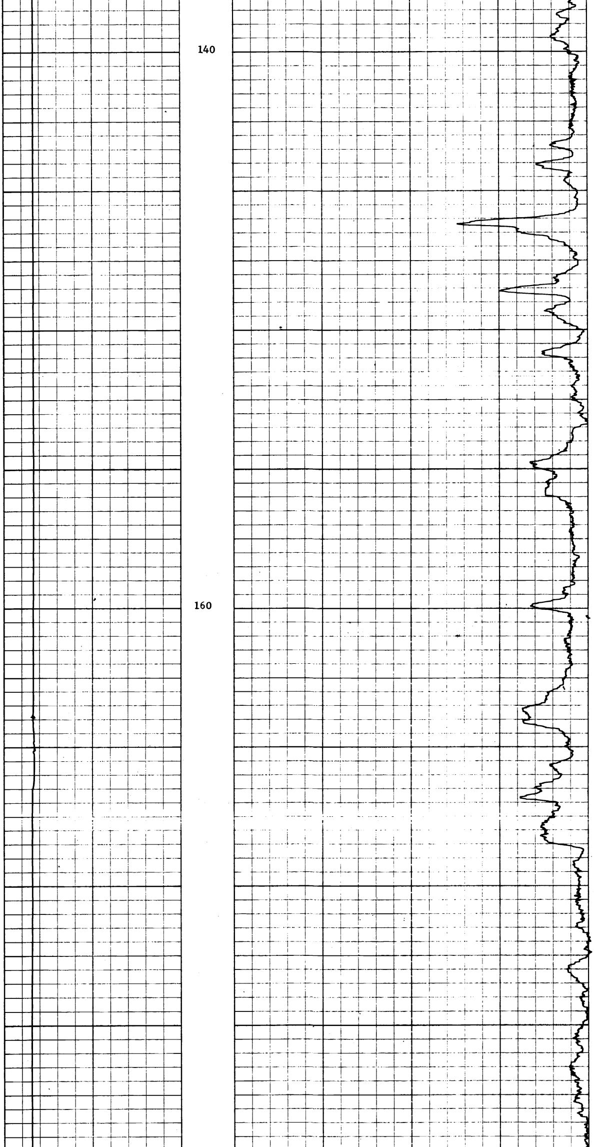
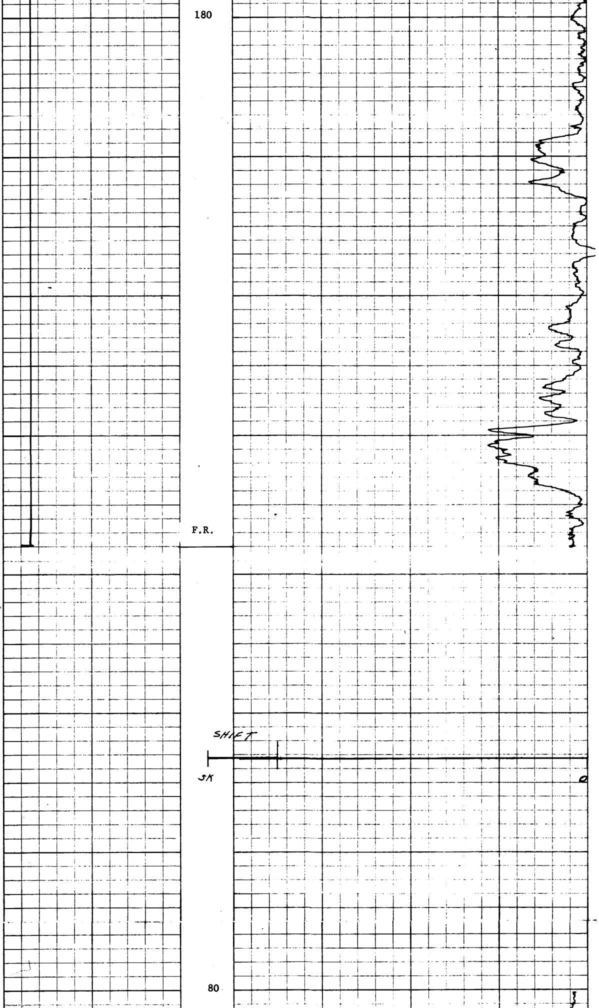
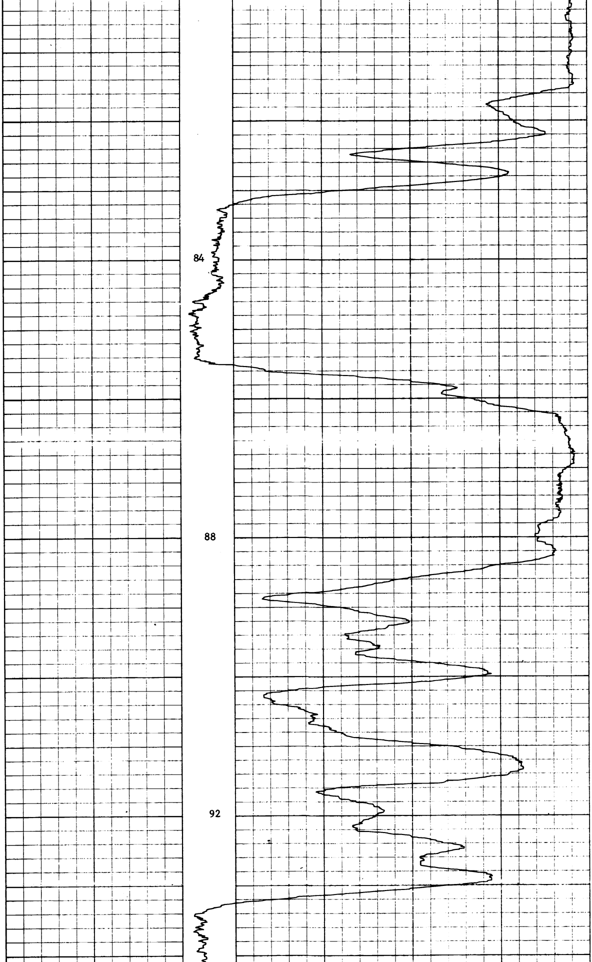
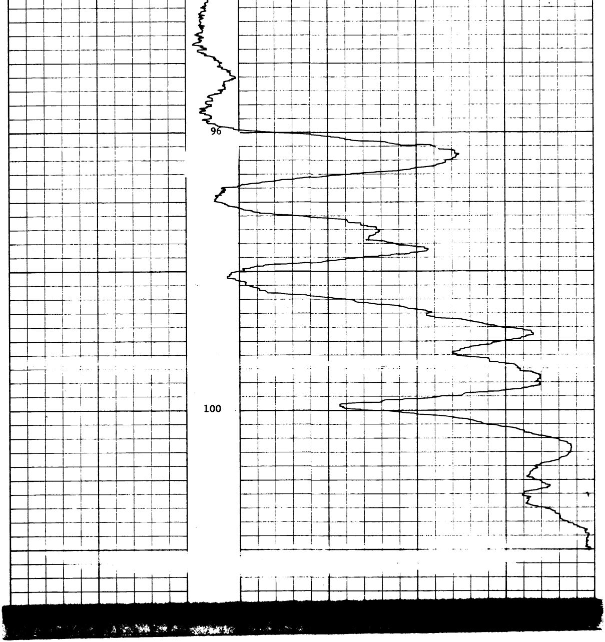
Run. No.	ONE
Date	22 SEPT. 1980
First Reading	199 M
Last Reading	0
Footage Logged	199
Depth Reached	200
Depth Driller	200.5
Casing Roke	21.8
Casing Driller	21.4
Fluid Type	MUD
Liquid Level	9
Min. Diam.	HQ
Operating Time	2 HOURS
Truck No.	FU 2
Recorded By	SIM
Witnessed By	ZSCHACH

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
1	0	199	6					.2	5 K	4.04	232.51
EXP	80-102										
CAL	0	199									

REMARKS

CAL 587 DEN 829AS

	DEPTHS	CALIPER DIAMETER – CM
10 15	20	
GAMMA RAY API →| |←