ROKE

OIL ENTERPRISES LTD CALGARY, ALBERTA

FILE NO	
LSD	
SEC	
TWP	
RGE	
W M	
COMPANY	GULF CANADA RESOURCES INC.
WELL	GDR - RDH - 81 - 02
LOCATION	
FIELD	GOODRICH
PROVINCE	BRITISH COLUMBIA
Other Services	DIR, GR-N, DEN-CAL
Permanent Datum	GROUND LEVEL
Elev	
Log Measured from	GROUND LEVEL
Above Perm Datum	
Well Depths Measured from	GROUND LEVEL
K B	
CSG	
G L	

Run No	ONE		
Date	JULY 10, 1981		
First Reading	212 M		
Last Reading	43.5		
Footage Logged	168.5		
Depth Reached	213		
Depth Driller	213.7		
Casing Roke	2		
Casing Driller	3		
Fluid Type	WATER		
Liquid Level	43.5		
Min Diam	12.7 CM		
Rm @ °C	37 ΩM @ 9°C		
Operating Time	1½ HOURS		
Truck No	FU #1		

Recorded By PUBANZ

Witnessed By SEVE

532

Remarks FBL # 10 CURRENT RANGE STD. MUDFISH RESISTANCE 61 OHMS

7 ELECTRODE SONDE 20 CM BEAM WIDTH 100 CM ARRAY

PRIMARY 250 OHM/DIV SECONDARY 1000 OHM/DIV

RESISTIVITY (OHM-METERS)	Depths	RESISTIVITY (OHM-METERS)
SECONDARY SCALE 0 10000		PRIMARY SCALE 0 2500 5000 15K 25K 35K

AR Goodrich 81(3)A 81-02

ROKE

OIL ENTERPRISES LTD. CALGARY, ALBERTA

FILE NO.	
COMPANY	GULF CANADA RESOURCES INC.
WELL	GDR - RDH - 81 - 02
LOCATION	
FIELD	GOODRICH
PROVINCE	BRITISH COLUMBIA
LSD	
SEC	
TWP	
RGE	
W M	
Other Services:	GR-N, 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.	

Run. No.	ONE
Date	JULY 10, 1981.
First Reading	212 M
Last Reading	0
Footage Logged	212
Depth Reached	213
Depth Driller	213.7
Casing Roke	2
Casing Driller	3
Fluid Type	WATER
Liquid Level	45
Min. Diam.	12.7 CM
Operating Time	1 1/3 HOURS
Truck No.	FU #1
Recorded By	FURANZ
Witnessed By	SEVE

532

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	212	6					0.5	5K	2.89R	139.45

REMARKS DEN TOOL #247AS
CAL TOOL #785

ROKE

OIL ENTERPRISES LTD. CALGARY, ALBERTA

CALIPER

FILE NO.
LSD
SEC
TWP
RGE
W M

COMPANY GULF CANADA RESOURCES INC.
WELL GDR - RDH - 81 - 03
LOCATION
FIELD GOODRICH
PROVINCE BRITISH COLUMBIA
Permanent Datum GROUND LEVEL Elev.
Log Measured from GROUND LEVEL Above Perm. Datum
Well Depths Measured from GROUND LEVEL

Other Services: GR-N, DIR
K.B.
CSG
G.L.

Run. No.	ONE			
Date	JULY 12, 1981.			
First Reading	70 M			
Last Reading	0			
Footage Logged	70			
Depth Reached	71			
Depth Driller	201.2			
Casing Roke	2.5			
Casing Driller	3			
Fluid Type	WATER			
Liquid Level	63.8			
Min. Diam.	12.7 CM			
Operating Time	3/4 HOUR			
Truck No.	TU #1			
Recorded By PUBANZ	Witnessed By ZSCHACH			

532

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	70	6					0.5	5K	2.89R	139.45

REMARKS DEN TOOL #247AS
CAL TOOL #785

HOLE BRIDGED AT 71 M

PR-Goodrich 81(3)A 81-03

ROKE

OIL ENTERPRISES LTD. CALGARY, ALBERTA

FILE NO.
COMPANY GULF CANADA RESOURCES INC.
WELL GDR - RDH - 81 - 03
LOCATION
FIELD GOODRICH
PROVINCE BRITISH COLUMBIA
Other Services: DEN-CAL, DIR

LSD
SEC
TWP
RGE
W M

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

Run. No.	ONE
Date	JULY 12, 1981.
First Reading	182 M
Last Reading	0
Footage Logged	182
Depth Reached	183
Depth Driller	201.2
Casing Roke	2.5
Casing Driller	3
Fluid Type	WATER
Liquid Level	63.8
Min. Diam.	12.7 CM
Rm @	
Operating Time	1 HOUR
Truck No.	FU #1

Recorded By PUBANZ
Witnessed By ZSCHACH

532

EQUIPMENT DATA

GAMMA RAY		NEUTRON	
RUN NO.	ONE	RUN NO.	ONE
TOOL MODEL NO.	125	LOG TYPE	NEUTRON/NEUTRON
DIAMETER	3.2 CM	TOOL MODEL NO.	
DETECTOR MODEL NO.		DIAMETER	3.2 CM
TYPE	SCINTILLATION	DETECTOR MODEL NO.	
LENGTH	10 CM	TYPE	PROPORTIONAL
DISTANCE TO N. SOURCE	2 M	LENGTH	15 CM
		SOURCE MODEL NO.	MRC-N-SS-W
GENERAL		SERIAL NO.	126
HOIST TRUCK NO.		SPACING	38 CM
INSTRUMENT TRUCK NO.		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.
1	0	63	4	2	500	0	20	2	10K	10L	300
	63	182	4	2	500	0	20	2	5K	0L	150

REMARKS HOLE BRIDGED AT 183 M

FR-Goodrich 81(3)A 81-04

ROKE

OIL ENTERPRISES LTD. CALGARY, ALBERTA

FILE NO.	
COMPANY	GULF CANADA RESOURCES INC.
WELL	GDR - RDH - 81 - 04
LOCATION	
FIELD	GOODRICH
PROVINCE	BRITISH COLUMBIA
LSD	
SEC	
TWP	
RGE	
W M	
Other Services:	GR-N, 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.	
Run No.	ONE
Date	JULY 13, 1981.
First Reading	221 M
Last Reading	0
Footage Logged	221
Depth Reached	223
Depth Driller	224
Casing Driller	2.5
Casing Roke	3
Fluid Type	WATER
Liquid Level	86
Min. Diam.	12.7 CM
Operating Time	1½ HOURS
Truck No.	FU #1
Recorded By	PURANZ
Witnessed By	ZSCHACH

532

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	221	6					0.5	5K	2.89R	139.45

REMARKS DEN TOOL #247AS
CAL TOOL #785

PR-Goodrich 81(3)A 81-04

ROKE

SIDEWALL DENSILOG
CALIPER

OIL ENTERPRISES LTD. CALGARY, ALBERTA

FILE NO.	
LSD	
SEC	
TWP	
RGE	
W M	
COMPANY	GULF CANADA RESOURCES INC.
WELL	GDR - RDH - 81 - 04
LOCATION	
FIELD	GOODRICH
PROVINCE	BRITISH COLUMBIA
Other Services:	GR-N, 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.

Run. No.	ONE		
Date	JULY 13, 1981.		
First Reading	221 M		
Last Reading	0		
Footage Logged	221		
Depth Reached	223		
Depth Driller	224		
Casing Roke	2.5		
Casing Driller	3		
Fluid Type	WATER		
Liquid Level	86		
Min. Diam.	12.7 CM		
Operating Time	1½ HOURS	532	
Truck No.	FU #1		

Recorded By PUBANZ
Witnessed By ZSCHACH

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.
139.45	2.89R	5K	0.5					6	221	0	1

REMARKS
DEN TOOL #247AS
CAL TOOL #785

ROKE
OIL ENTERPRISES LTD. CALGARY, ALBERTA

PR-Goodrich 81131A 81-D4

FILE NO.	
LSD	
SEC	
TWP	
RGE	
W_____M	
COMPANY	GULF CANADA RESOURCES INC.
WELL	GDR - RDH - 81 - 04
LOCATION	
FIELD	GOODRICH
PROVINCE	BRITISH COLUMBIA
Other Services:	DIR, DEN-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.	

Run. No.	ONE
Date	JULY 13, 1981
First Reading	222 M
Last Reading	0
Footage Logged	222
Depth Reached	223
Depth Driller	224
Casing Roke	2.5
Casing Driller	3
Fluid Type	WATER
Liquid Level	87.8
Min. Diam.	12.7 CM
Rm @	
Operating Time	1½ HOURS
Truck No.	FU #1
Recorded By	FUBANZ
Witnessed By	ZSCHACH

532

EQUIPMENT DATA

GAMMA RAY		NEUTRON	
RUN NO.	ONE	RUN NO.	ONE
TOOL MODEL NO.	125	LOG TYPE	NEUTRON/NEUTRON
DIAMETER	3.2 CM	TOOL MODEL NO.	
DETECTOR MODEL NO.		DIAMETER	3.2 CM
TYPE	SCINTILLATION	DETECTOR MODEL NO.	
LENGTH	10 CM	TYPE	PROPORTIONAL
DISTANCE TO N. SOURCE	2 M	LENGTH	15 CM
		SOURCE MODEL NO.	MRC-N-SS-W
GENERAL		SERIAL NO.	126
HOIST TRUCK NO.		SPACING	38 CM
INSTRUMENT TRUCK NO.		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.
1	0	222	4	2	500	0	20	2	10K	10	300
			4	2	500	0	20	2	5K	0	150

REMARKS

PR-Goodrich 81(3)A 81-04

ROKE

OIL ENTERPRISES LTD. CALGARY, ALBERTA

FILE NO.
LSD
SEC
TWP
RGE
W____M

COMPANY GULF CANADA RESOURCES INC.
WELL GDR - RDH - 81 - 04
LOCATION
FIELD GOODRICH
PROVINCE BRITISH COLUMBIA

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

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

Run. No.	ONE
Date	JULY 13, 1981.
First Reading	222 M
Last Reading	85
Footage Logged	137
Depth Reached	223
Depth Driller	224
Casing Roke	
Casing Driller	3
Fluid Type	WATER
Liquid Level	85.8
Min. Diam.	12.7 CM
Rm @ °C	35 ΩM @ 8°C
Operating Time	1 HOUR
Truck No.	FU #1

Recorded By PUBANZ Witnessed By ZSCHACH

532

Remarks FBL # 9 CURRENT RANGE LOW MUDFISH RESISTANCE 50 OHMS
7 ELECTRODE SONDE 20 CM BEAM WIDTH 100 CM ARRAY
PRIMARY 200 OHM/DIV SECONDARY 1K OHM/DIV

RESISTIVITY (OHM-METERS)	Depths	RESISTIVITY (OHM-METERS)
SECONDARY SCALE 0 10K		PRIMARY SCALE 0 2000 4000 13K 23K 33K

PE Goodrich 81(3)A 81-05

ROKE

OIL ENTERPRISES LTD. CALGARY, ALBERTA

FILE NO.
LSD
SEC
TWP
RGE
W ____ M

COMPANY GULF CANADA RESOURCES INC.
WELL GDR - RDH - 81 - 05
LOCATION
FIELD GOODRICH
PROVINCE BRITISH COLUMBIA

Other Services: DIR, DEN-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.

Run No.	ONE
Date	JULY 15, 1981.
First Reading	211 M
Last Reading	0
Footage Logged	211
Depth Reached	211.7
Depth Driller	219.4
Casing Roke	18.5
Casing Driller	19.3
Fluid Type	WATER
Liquid Level	19.3
Min. Diam.	12.4 CM
Rm @	
Operating Time	1 HOUR
Truck No.	FU #1

Recorded By PUBANZ
Witnessed By ZSCHACH

532

EQUIPMENT DATA

GAMMA RAY		NEUTRON	
RUN NO.	ONE	RUN NO.	ONE
TOOL MODEL NO.	125	LOG TYPE	NEUTRON/NEUTRON
DIAMETER	3.2 CM	TOOL MODEL NO.	
DETECTOR MODEL NO.		DIAMETER	3.2 CM
TYPE	SCINTILLIATION	DETECTOR MODEL NO.	
LENGTH	10 CM	TYPE	PROPORTIONAL
DISTANCE TO N. SOURCE	2 M	LENGTH	15 CM
GENERAL		SOURCE MODEL NO.	MRC-N-SS-W
		SERIAL NO.	126
HOIST TRUCK NO.		SPACING	38 CM
INSTRUMENT TRUCK NO.		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.
1	0	19	4	2	500	0	20	2	10K	10L	300
	19	211	4	2	500	0	20	2	5K	0L	150

REMARKS

ROKE

OIL ENTERPRISES LTD. CALGARY, ALBERTA

FILE NO.	
LSD	
SEC	
TWP	
RGE	
W M	
COMPANY	GULF CANADA RESOURCES INC.
WELL	GDR - RDH - 81 - 05
LOCATION	
FIELD	GOODRICH
PROVINCE	BRITISH COLUMBIA
Other Services:	DIR, GR-N, DEN-CAL
Permanent Datum	GROUND LEVEL
Elev.	
Log Measured from	GROUND LEVEL
Above Perm. Datum	
Well Depths Measured from	GROUND LEVEL
K.B.	
CSG	
G.L.	

Run. No.	ONE		
Date	JULY 15, 1981.		
First Reading	211 M		
Last Reading	18		
Footage Logged	193		
Depth Reached	212		
Depth Driller	219.4		
Casing Roke	18,5		
Casing Driller	19.3		
Fluid Type	WATER		
Liquid Level	18		
Min. Diam.	12.4 CM		
Rm @ °C	32 ΩM @ 7.5°C		
Operating Time	1 HOUR	532	
Truck No.	FU #1		

Recorded By PUBANZ Witnessed By ZSCHACH

Remarks FBL # 10 CURRENT RANGE 10? MUDFISH RESISTANCE 18 OHMS

7 ELECTRODE SONDE 20 CM BEAM WIDTH 100 CM ARRAY

PRIMARY 200 OHM/DIV SECONDARY 1K OHM/DIV

RESISTIVITY (OHM-METERS)

PRIMARY SCALE

0 2000 4000

13K 23K 33K

Depths

RESISTIVITY (OHM-METERS)

SECONDARY SCALE

0 10K

ROKE
OIL ENTERPRISES LTD. CALGARY, ALBERTA

CALIPER

FILE NO.

SD
EC
WP
GE
M

COMPANY GULF CANADA RESOURCES INC.

WELL GDR - RDH - 81 - 05

LOCATION

FIELD GOODRICH

PROVINCE BRITISH COLUMBIA

Other Services:
GR-N, FBL, DIR

rmanent Datum GROUND LEVEL Elev.
Measured from GROUND LEVEL Above Perm. Datum
ll Depths Measured from GROUND LEVEL

K.B.
CSG
G.L.

un. No.	ONE
Date	JULY 15, 1981
First Reading	210 M
ast Reading	0
Footage Logged	210
Depth Reached	211
Depth Driller	219.4
Casing Roke	18.5
Casing Driller	19.3
Fluid Type	WATER
Liquid Level	19
Min. Diam.	12.4 CM
Operating Time	1 1/3 HOURS
Truck No.	FU #1

Recorded By PURANZ | Witnessed By ZSCHACH

532

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	210	6					0.5	5K	2.89R	139.45

REMARKS DEN TOOL #247AS
CAL TOOL #785

PR Goodrich 81(3)A 81-06

ROKE

OIL ENTERPRISES LTD. CALGARY, ALBERTA

FILE NO.
LSD
SEC
TWP
RGE
W_____M

COMPANY GULF CANADA RESOURCES INC.
WELL GDR - RDH - 81 - 06
LOCATION
FIELD GOODRICH
PROVINCE BRITISH COLUMBIA

Other Services:
GRN(PIPE)
DEN-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.

Run No.	ONE
Date	11 AUG 1981
First Reading	180M
Last Reading	0
Footage Logged	180
Depth Reached	181
Depth Driller	286.5
Casing Roke	40
Casing Driller	41.8
Fluid Type	WATER
Liquid Level	7
Min. Diam.	12.7CM
Rm @	
Operating Time	0.9 HR
Truck No.	FU#1

Recorded By PUBANZ
Witnessed By ZSCHACH

532

EQUIPMENT DATA

GAMMA RAY		NEUTRON	
RUN NO.	ONE	RUN NO.	ONE
TOOL MODEL NO.	125	LOG TYPE	NEUTRON/NEUTRON
DIAMETER	3.2CM	TOOL MODEL NO.	125
DETECTOR MODEL NO.		DIAMETER	3.2CM
TYPE	SCINTILLATION	DETECTOR MODEL NO.	
LENGTH	10CM	TYPE	PROPORTIONAL
DISTANCE TO N. SOURCE	2M	LENGTH	15CM
		SOURCE MODEL NO.	MRC-N-SS-W
GENERAL		SERIAL NO.	126
HOIST TRUCK NO.		SPACING	38CM
INSTRUMENT TRUCK NO.	FU#1	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	180	4	3	500	0	20	2	5K	0	150

REMARKS

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

ROKE

OIL ENTERPRISES LTD. CALGARY, ALBERTA

FILE NO.
LSD
SEC
TWP
RGE
W M

COMPANY GULF CANADA RESOURCES INC.
WELL GDR - RDH - 81 - 06
LOCATION
FIELD GOODRICH
PROVINCE BRITISH COLUMBIA

Other Services:
GRN(PIPE)
GRN, DEN-CAL

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

K.B.
CSG
G.L.

Run. No.	ONE
Date	11 AUG 1981
First Reading	180M
Last Reading	40
Footage Logged	140
Depth Reached	181
Depth Driller	286.5
Casing Roke	40
Casing Driller	41.8
Fluid Type	WATER
Liquid Level	
Min. Diam.	12.7 CM
Rm @ °C	5.2 m @15.5°C
Operating Time	1 HR
Truck No.	FU#1
Recorded By	PURANZ
Witnessed By	ZSCHACH

532

Remarks FBL # 9 CURRENT RANGE STD. MUDFISH RESISTANCE 23 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

ROKE

OIL ENTERPRISES LTD. CALGARY, ALBERTA

Pr. Goodrich 81(3)A 81-06

FILE NO.
COMPANY GULF CANADA RESOURCES INC.
WELL GDR - RDH - 81 - 06 (DRILL RODS)
LOCATION
FIELD GOODRICH
PROVINCE BRITISH COLUMBIA

LSD
SEC
TWP
RGE
W M

Other Services: GRN, DEN-CAL, FBL
K.B.
CSG
G.L.

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

Run. No.	ONE		
Date	11 AUG 1981		
First Reading	285M		
Last Reading	0		
Footage Logged	285		
Depth Reached	285.5		
Depth Driller	286.5		
Casing Roke	41.5		
Casing Driller	41.8		
Fluid Type	WATER		
Liquid Level	14.2		
Min. Diam.	12.7CM		
Rm @			
Operating Time	2 HR		
Truck No.	FU#1		
Recorded By	PUBANZ	Witnessed By	ZSCHACH

532

EQUIPMENT DATA

GAMMA RAY		NEUTRON	
RUN NO.	ONE	RUN NO.	ONE
TOOL MODEL NO.	125	LOG TYPE	NEUTRON/NEUTRON
DIAMETER	3.2CM	TOOL MODEL NO.	125
DETECTOR MODEL NO.		DIAMETER	3.2CM
TYPE	SCINTILLATION	DETECTOR MODEL NO.	
LENGTH	10CM	TYPE	PROPORTIONAL
DISTANCE TO N. SOURCE	2M	LENGTH	15CM
		SOURCE MODEL NO.	MRC-N-SS-W
GENERAL		SERIAL NO.	126
HOIST TRUCK NO.		SPACING	38CM
INSTRUMENT TRUCK NO.	FU#1	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	285	4	2	500	0	12	2	5K	2L	100

REMARKS LOGGED THROUGH DRILL RODS
LOG CORRECTED FOR PIPE JOINTS

DR-Goodrich 81(3)A 81-06

ROKE

OIL ENTERPRISES LTD. CALGARY, ALBERTA

FILE NO.
LSD
SEC
TWP
RGE
W M

COMPANY	GULF CANADA RESOURCES INC.
WELL	GDR - RDH - 81 - 06
LOCATION	
FIELD	GOODRICH
PROVINCE	BRITISH COLUMBIA

Other Services:
GRN(PIPE)
GRN, FBL

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

Run. No.	ONE
Date	11 AUG 1981
First Reading	180M
Last Reading	0
Footage Logged	180
Depth Reached	181
Depth Driller	286.5
Casing Roke	40
Casing Driller	41.8
Fluid Type	WATER
Liquid Level	7
Min. Diam.	12.7CM
Operating Time	1.2 HR
Truck No.	FU#1
Recorded By	PUBANZ
Witnessed By	ZSCHACH

532

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	180	6					0.5	5K	2.56	149.76

REMARKS DEN TOOL #422AS
CAL TOOL #785

ROKE

OIL ENTERPRISES LTD. CALGARY, ALBERTA

PR. Goodrich 81/31A 81-07

FILE NO.	
COMPANY	GULF CANADA RESOURCES INC.
WELL	GIR-RDH-81-07 (DRILL RODS)
LOCATION	
FIELD	GOODRICH
PROVINCE	BRITISH COLUMBIA
LSD SEC TWP RGE W M	
Permanent Datum	GROUND LEVEL
Log Measured from	GROUND LEVEL
Well Depths Measured from	GROUND LEVEL

Elev. Above Perm. Datum

Other Services: GRN (OPEN), FB., DENS-CAL, DIR.

K.B. CSG G.L.

METRIC

Run No.	ONE
Date	AUG. 28, 1981.
First Reading	317.0 M
Last Reading	0
Footage Logged	317.0
Depth Reached	317.2
Depth Driller	317
Casing Roke	30.5
Casing Driller	30.5
Fluid Type	AIR/WATER
Liquid Level	8.75
Min. Diam.	12.7 CM
Rm @	
Operating Time	1½ HOURS
Truck No.	FU - 1
Recorded By	FAGERNESS
Witnessed By	ZSCHACH

532

EQUIPMENT DATA

GAMMA RAY		NEUTRON	
RUN NO.	ONE	RUN NO.	ONE
TOOL MODEL NO.		LOG TYPE	NEUTRON/NEUTRON
DIAMETER	3.18 CM	TOOL MODEL NO.	
DETECTOR MODEL NO.		DIAMETER	3.18 CM
TYPE	SCINTILLATION	DETECTOR MODEL NO.	
LENGTH	10.16 CM	TYPE	PROPORTIONAL
DISTANCE TO N. SOURCE	2.0 M	LENGTH	15.24 CM
		SOURCE MODEL NO.	MRC-N-SS-W
GENERAL		SERIAL NO.	126
HOIST TRUCK NO.	FU - 1	SPACING	38.1 CM
INSTRUMENT TRUCK NO.	FU - 1	TYPE	AmBe
TOOL SERIAL NO.	RGRN 125 A 004	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	7.25	4	3	500	0	10	3	10000	0	220
1	7.25	317.0	4	3	500	0	10	3	5000	0	110

REMARKS LOGGED THROUGH ROTARY DRILL ROD (CORRECTED FOR PIPE JOINTS)

ROKE [redacted]

OIL ENTERPRISES LTD. CALGARY, ALBERTA

PR-Goodrich 81(3)A 81-07

FILE NO.	
COMPANY	GULF CANADA RESOURCES INC.
WELL	GDR-RDH-81-07
LOCATION	
FIELD	GOODRICH
PROVINCE	BRITISH COLUMBIA

LSD
SEC
TWP
RGE
W____M

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

Other Services: DENS-CAL, FBL, GRN(RODS), DIR
K.B.
CSG
G.L.
METRIC

Run. No.	ONE
Date	AUG. 28, 1981.
First Reading	317.0 M
Last Reading	0
Footage Logged	317.0
Depth Reached	317.2
Depth Driller	317
Casing Roke	30.5
Casing Driller	30.5
Fluid Type	AIR/WATER
Liquid Level	9.0
Min. Diam.	12.7 CM
Rm @	
Operating Time	1.4 HOURS
Truck No.	FU - 1

Recorded By FAGERNESS Witnessed By ZSCHACH

532

EQUIPMENT DATA

GAMMA RAY		NEUTRON	
RUN NO.	ONE	RUN NO.	ONE
TOOL MODEL NO.		LOG TYPE	NEUTRON/NEUTRON
DIAMETER	3.18 CM	TOOL MODEL NO.	
DETECTOR MODEL NO.		DIAMETER	3.18 CM
TYPE	SCINTILLATION	DETECTOR MODEL NO.	
LENGTH	10.16 CM	TYPE	PROPORTIONAL
DISTANCE TO N. SOURCE	2.0 M	LENGTH	15.24
		SOURCE MODEL NO.	MRC-N-SS-W
GENERAL		SERIAL NO.	126
HOIST TRUCK NO.	FU - 1	SPACING	38.1 CM
INSTRUMENT TRUCK NO.	FU - 1	TYPE	AmBe
TOOL SERIAL NO.	RGRN 125 A 004	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	8.4	4	3	500	0	15	3	10000	0	240
1	8.4	317.0	4	3	500	0	15	3	5000	0	120

REMARKS

GAMMA RAY	DEPTHS	NEUTRON
GAMMA RAY INCREASES →		NEUTRON INCREASES →
API 15		API 240
0 — 150		0 — 2400 — 4800

ROKE

OIL ENTERPRISES LTD. CALGARY, ALBERTA

FOCUSED BEAM LOG 20 CM

PR-Goodrich 81(3)A 81-07

FILE NO.	
COMPANY	GULF CANADA RESOURCES INC.
WELL	GDR-RDH-81-07
LOCATION	
FIELD	GOODRICH
PROVINCE	BRITISH COLUMBIA
LSD	
SEC	
TWP	
RGE	
W	M

Other Services: DIR GRN (OPEN), GRN (RODS), DENS-CAL

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	AUG. 28, 1981.
First Reading	309.0
Last Reading	30.5
Footage Logged	278.5
Depth Reached	309.6
Depth Driller	317
Casing Roke	30.5
Casing Driller	30.5
Fluid Type	AIR/WATER
Liquid Level	
Min. Diam.	12.7 CM
Rm @ °C	8.8 Ω M @ 10°C
Operating Time	1½ HOURS
Truck No.	FU - 1
Recorded By	FAGERNESS
Witnessed By	ZSCHACH

532

Remarks FBL # 9 CURRENT RANGE HIGH MUDFISH RESISTANCE 400 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		PRIMARY SCALE 0 2000 4000
0 5000		6500 11500 16500

RDH 81-08

PR-Goodrich 81(3)A 81-08

ROKE

SIDEWALL DENSILOG
CALIPER

OIL ENTERPRISES LTD. CALGARY, ALBERTA

FILE NO.
COMPANY GULF CANADA RESOURCES INC.
WELL GDR-RDH-81-08
LOCATION
FIELD GOODRICH
PROVINCE BRITISH COLUMBIA
LSD
SEC
TWP
RGE
W M

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

Other Services: GRN, FBL, DIR
K.B.
CSG
G.L.
METRIC

Run. No.	ONE
Date	AUG. 23, 1981.
First Reading	289.0
Last Reading	0
Footage Logged	289.0
Depth Reached	289.5
Depth Driller	292
Casing Roke	36.5
Casing Driller	36.5
Fluid Type	AIR/WATER
Liquid Level	
Min. Diam.	12.7 CM
Operating Time	1½ HOURS
Truck No.	FU - 1
Recorded By	EAGERNESS
Witnessed By	ZSCHACH

532

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	289.0	8					0.5	5000	2.56R	149.76
1	0	289.0	8		CALIPER						
1	118.0	122.0	4		DETAIL DENSITY						
1	127.0	130.0	4								

REMARKS DENSITY TOOL #422AS
CALIPER TOOL #785

RDH 81-08

PR-Goodrich 81(3)A 81-08

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-RDH-81-08
LOCATION
FIELD GOODRICH
PROVINCE BRITISH COLUMBIA

Other Services: DENS-CAL, FBL, DIR

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	AUG. 23, 1981.
First Reading	290.0
Last Reading	0
Footage Logged	290.0
Depth Reached	291
Depth Driller	292
Casing Roke	36.5
Casing Driller	36.5
Fluid Type	AIR/WATER
Liquid Level	15.0 M
Min. Diam.	12.7 CM
Rm @	
Operating Time	1½ HOURS
Truck No.	FU - 1
Recorded By	FAGERNESS
Witnessed By	ZSCHACH

532

EQUIPMENT DATA

GAMMA RAY		NEUTRON	
RUN NO.	ONE	RUN NO.	ONE
TOOL MODEL NO.		LOG TYPE	NEUTRON/NEUTRON
DIAMETER	3.18 CM	TOOL MODEL NO.	
DETECTOR MODEL NO.		DIAMETER	3.18 CM
TYPE	SCINTILIATION	DETECTOR MODEL NO.	
LENGTH	10.16 CM	TYPE	PROPORTIONAL
DISTANCE TO N. SOURCE	2.0 M	LENGTH	15.24 CM
		SOURCE MODEL NO.	MRC-N-SS-W
GENERAL		SERIAL NO.	126
HOIST TRUCK NO.	FU - 1	SPACING	38.1 CM
INSTRUMENT TRUCK NO.	FU - 1	TYPE	AmBe
TOOL SERIAL NO.	RGRN 125 A 004	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	14.5	4	3	500	0	15	3	10000	0	240
1	14.5	290.0	4	3	500	0	15	3	5000	0	120

REMARKS

GAMMA RAY	DEPTHS	NEUTRON
GAMMA RAY INCREASES → API 15		NEUTRON INCREASES → API 240
0 150		0 2400 4800

PR Goodrich 81(3)A 81-08

ROKE

FOCUSED BEAM LOG 20 CM

OIL ENTERPRISES LTD. CALGARY, ALBERTA

FILE NO.

LSD
SEC
TWP
RGE
W M

COMPANY GULF CANADA RESOURCES INC.
WELL GDR-RDH-81-08
LOCATION
FIELD GOODRICH
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	AUG. 23, 1981.
First Reading	289.0 M
Last Reading	36.5
Footage Logged	252.5
Depth Reached	289.5
Depth Driller	292
Casing Roke	36.5
Casing Driller	36.5
Fluid Type	AIR/WATER
Liquid Level	
Min. Diam.	12.7 CM
Rm @ °C	7.7ΩM @ 12.6°C
Operating Time	1½ HOURS
Truck No.	FU - 1

Recorded By FAGERNESS Witnessed By ZSCHACH

532

Remarks FBL # 9 CURRENT RANGE HIGH MUDFISH RESISTANCE 410 OHMS
7 ELECTRODE SONDE 20 CM BEAM WIDTH 100 CM ARRAY
PRIMARY 200 OHM/DIV SECONDARY 1000 OHM/DIV

RESISTIVITY (OHM-METERS)	Depths	RESISTIVITY (OHM-METERS)
SECONDARY SCALE		PRIMARY SCALE
		0 2000 4000
0 10000		13000 23000 33000

KDH 81-09

PR Goodrich 81(3)A

81-09

ROKE

SIDEWALL DENSILOG
CALIPER

OIL ENTERPRISES LTD. CALGARY, ALBERTA

FILE NO.

LSD
SEC
TWP
RGE
W M

COMPANY GULF CANADA RESOURCES INC.

WELL GDR-KDH-81-09

LOCATION

FIELD GOODRICH

PROVINCE BRITISH COLUMBIA

Permanent Datum GROUND LEVEL Elev.

Log Measured from GROUND LEVEL Above Perm. Datum

Well Depths Measured from GROUND LEVEL

Other Services: GRN (OPEN), GRN (RODS), FBL, DIR

K.B.
CSG
G.L.

METRIC

Run. No.	ONE
Date	SEPT. 2, 1981.
First Reading	364.0 M
Last Reading	0
Footage Logged	364.0
Depth Reached	364.5
Depth Driller	366
Casing Roke	43.6
Casing Driller	44
Fluid Type	AIR/WATER
Liquid Level	
Min. Diam.	12.7 CM
Operating Time	1¼ HOURS
Truck No.	FU - 1

Recorded By FAGERNESS Witnessed By ZSCHACH

532

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	364.0	8					0.5	5000	2.56R	149.76
1	0	364.0	8		CALIPER						
1	73.0	77.0	4	} DETAIL DENSITY							
1	260.0	263.0	4								

REMARKS DENSITY TOOL #422AS
CALIPER TOOL #785

ROKE

OIL ENTERPRISES LTD. CALGARY, ALBERTA

GAMMA RAY NEUTRON LOG

PR Goodrich 81(3)A 81-09

FILE NO.
LSD
SEC
TWP
RGE
W M

COMPANY GULF CANADA RESOURCES INC.
WELL GDR-RDH-81-09 (DRILL RODS)
LOCATION
FIELD GOODRICH
PROVINCE BRITISH COLUMBIA

Other Services: GRN(OPEN), FBL, 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	SEPT. 2, 1981.
First Reading	360.0 M
Last Reading	0
Footage Logged	360.0
Depth Reached	361.0
Depth Driller	366
Casing Roke	43.6
Casing Driller	44
Fluid Type	AIR/WATER
Liquid Level	19.25 M
Min. Diam.	12.7 CM
Rm @	
Operating Time	1½ HOURS
Truck No.	FU - 1
Recorded By FAGERNESS	Witnessed By ZSCHACH

532

EQUIPMENT DATA

GAMMA RAY		NEUTRON	
RUN NO.	ONE	RUN NO.	ONE
TOOL MODEL NO.		LOG TYPE	NEUTRON/NEUTRON
DIAMETER	3.18 CM	TOOL MODEL NO.	
DETECTOR MODEL NO.		DIAMETER	3.18 CM
TYPE	SCINTILLATION	DETECTOR MODEL NO.	
LENGTH	10.16 CM	TYPE	PROPORTIONAL
DISTANCE TO N. SOURCE	2.0 M	LENGTH	15.24 CM
GENERAL		SOURCE MODEL NO.	MRC-N-SS-W
HOIST TRUCK NO.	FU - 1	SERIAL NO.	126
INSTRUMENT TRUCK NO.	FU - 1	SPACING	38.1 CM
TOOL SERIAL NO.	RGRN 125 A 004	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.
1	0	360.0	4	3	500	0	10	3	5000	0	110

REMARKS LOGGED THROUGH ROTARY DRILL RODS
NOTE: LOG CORRECTED FOR PIPE JOINTS TO 280 M.

GAMMA RAY	DEPTHS	NEUTRON
GAMMA RAY INCREASES →		NEUTRON INCREASES →
API 10 0 100		API 110 0 1100 2200

PR-Goodrich 81(3)A 81-09

ROKE

OIL ENTERPRISES LTD. CALGARY, ALBERTA

FOCUSED BEAM LOG 20 CM

FILE NO.
LSD
SEC
TWP
RGE
W ____ M

COMPANY GULF CANADA RESOURCES INC.
WELL GDR-RDH-81-09
LOCATION
FIELD GOODRICH
PROVINCE BRITISH COLUMBIA

Other Services: DIR, GRN (RODS), GRN (OPEN), DENS-CAL

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	SEPT. 2, 1981
First Reading	364.0
Last Reading	43.6
Footage Logged	320.4
Depth Reached	365.0
Depth Driller	366
Casing Roke	43.6
Casing Driller	44
Fluid Type	AIR/WATER
Liquid Level	
Min. Diam.	12.7 CM
Rm @ °C	12.5 ΩM @ 12°C
Operating Time	1½ HOURS
Truck No.	FU - 1

Recorded By FAGERNESS
Witnessed By ZSCHACH

532

Remarks FBL # 9 CURRENT RANGE HIGH MUDFISH RESISTANCE 400 OHMS
7 ELECTRODE SONDE 20 CM BEAM WIDTH 100 CM ARRAY
PRIMARY 200 OHM/DIV SECONDARY 1000 OHM/DIV

10-18 KDH 81-6

PR-Goodrich 81(3)A 81-09

ROKE

GAMMA RAY NEUTRON LOG

OIL ENTERPRISES LTD. CALGARY, ALBERTA

FILE NO.	
COMPANY	GULF CANADA RESOURCES INC.
WELL	GDR-RDH-81-09
LOCATION	
FIELD	GOODRICH
PROVINCE	BRITISH COLUMBIA
LSD	
SEC	
TWP	
RGE	
W ___ M	

Other Services: GRN (RODS), DENS-CAL, 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	SEPT. 2,1981.
First Reading	365.0 M
Last Reading	0
Footage Logged	365.0
Depth Reached	365.2
Depth Driller	366
Casing Roke	43.6
Casing Driller	44
Fluid Type	AIR/WATER
Liquid Level	16.5
Min. Diam.	12.7 CM
Rm @	
Operating Time	1½ HOURS
Truck No.	FU - 1
Recorded By	FAGERNESS
Witnessed By	ZSCHACH

532

EQUIPMENT DATA

GAMMA RAY		NEUTRON	
RUN NO.	ONE	RUN NO.	ONE
TOOL MODEL NO.		LOG TYPE	NEUTRON/NEUTRON
DIAMETER	3.18 CM	TOOL MODEL NO.	
DETECTOR MODEL NO.		DIAMETER	3.18 CM
TYPE	SCINTILLATION	DETECTOR MODEL NO.	
LENGTH	10.16 CM	TYPE	PROPORTIONAL
DISTANCE TO N. SOURCE	2.0 M	LENGTH	15.24 CM
		SOURCE MODEL NO.	MRC-N-SS-W
GENERAL		SERIAL NO.	126
HOIST TRUCK NO.	FU - 1	SPACING	38.1 CM
INSTRUMENT TRUCK NO.	FU - 1	TYPE	AmBe
TOOL SERIAL NO.	RGRN 125 A 004	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	16.0	4	3	500	0	15	3	10000	5L	240
1	16.0	365.0	4	3	500	0	15	3	5000	0	120

REMARKS

PR-Goodrich 81(3)A 81-10

ROKE

FOCUSED BEAM LOG 20 CM

OIL ENTERPRISES LTD. CALGARY, ALBERTA

FILE NO.	
LSD	
SEC	
TWP	
RGE	
W M	
COMPANY	GULF CANADA RESOURCES INC.
WELL	GDR - RDH - 81 - 10
LOCATION	
FIELD	GOODRICH
PROVINCE	BRITISH COLUMBIA
Other Services:	DIR GRN(RDDS), DEN-CAL
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	16 AUG 1981
First Reading	278.0M
Last Reading	25.75
Footage Logged	252.25
Depth Reached	279
Depth Driller	280
Casing Roke	25.75
Casing Driller	27.4
Fluid Type	AIR/WATER
Liquid Level	
Min. Diam.	12.7CM
Rm @ °C	7.2Ωm@ 17°C
Operating Time	1.5 HRS
Truck No.	FU-1
Recorded By	FAGERNESS
Witnessed By	ZSCHACH

532

Remarks FBL # 9 CURRENT RANGE STD MUDFISH RESISTANCE 200 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

PR-Goodrich 81(3)A 81-10

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 - RDH - 81 - 10
LOCATION
FIELD GOODRICH
PROVINCE BRITISH COLUMBIA

Other Services: DIR DEN-CAL, FEL

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	16 AUG 1981
First Reading	278.0
Last Reading	0
Footage Logged	278.0
Depth Reached	278.5
Depth Driller	280
Casing Roke	25.75
Casing Driller	27.4
Fluid Type	AIR/WATER
Liquid Level	
Min. Diam.	12.7 CM
Rm @	
Operating Time	1.5HRS
Truck No.	FU-1

Recorded By FAGERNESS
Witnessed By ZSCHACH

532

EQUIPMENT DATA

GAMMA RAY		NEUTRON	
RUN NO.	ONE	RUN NO.	ONE
TOOL MODEL NO.		LOG TYPE	NEUTRON/NEUTRON
DIAMETER	3.18CM	TOOL MODEL NO.	
DETECTOR MODEL NO.		DIAMETER	3.18CM
TYPE	SCINTILLATION	DETECTOR MODEL NO.	
LENGTH	10.16CM	TYPE	PROPORTIONAL
DISTANCE TO N. SOURCE	2.0M	LENGTH	15.24CM
GENERAL		SOURCE MODEL NO.	MRC-N-SS-W
HOIST TRUCK NO.	FU-1	SERIAL NO.	126
INSTRUMENT TRUCK NO.	FU-1	SPACING	38.1CM
TOOL SERIAL NO.	RGRN 125 A 004	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	278.0	4	3	500	0	10	3	5000	0	110

REMARKS LOGGED THROUGH ROTARY DRILL RODS
CORRECTED FOR PIPE JOINTS

PR Goodrich 81(3)A

81-10

ROKE

SIDEWALL DENSILOG
CALIPER

OIL ENTERPRISES LTD. CALGARY, ALBERTA

FILE NO.	
COMPANY	GULF CANADA RESOURCES INC.
WELL	GDR - RDH - 81 - 10
LOCATION	
FIELD	GOODRICH
PROVINCE	BRITISH COLUMBIA

LSD
SEC
TWP
RGE
W___M

Other Services:
GRN(RODS)
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	16 AUG 1981		
First Reading	279.0		
Last Reading	0		
Footage Logged	279.0		
Depth Reached	279.5		
Depth Driller	280		
Casing Driller	27.4		
Casing Roke	25.75		
Fluid Type	AIR/WATER		
Liquid Level			
Min. Diam.	12.7CM		
Operating Time	1.5 HRS		
Truck No.	FU-1		
Recorded By	FAGERNESS	Witnessed By	ZSCHACH

532

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	279.0	8					0.5	5000	2.56R	149.76
	77.0	82.0	4		EXPANDED	SCALE					
	200.0	220.0	4								

REMARKS DENSITY TOOL #422AS
CALIPER TOOL #785

PR-Goodrich 81(3)A 80-56

ROKE

GAMMA RAY NEUTRON LOG

OIL ENTERPRISES LTD. CALGARY, ALBERTA

FILE NO.
COMPANY GULF CANADA RESOURCES INC.
LSD
SEC
TWP
RGE
W M
WELL GDR - RDH - 80 - 56
LOCATION
FIELD GOODRICH
PROVINCE BRITISH COLUMBIA

Other Services:
DIR
DENS-CAL, FBL

Permanent Datum GROUND LEVEL Elev.
Log Measured from CASING .4 M Above Perm. Datum
Well Depths Measured from
K.B.
CSG
G.L.

Run. No.	ONE
Date	10 DEC. 1980
First Reading	323 M
Last Reading	0
Footage Logged	323
Depth Reached	323.5
Depth Driller	335
Casing Roke	26.5
Casing Driller	26.5
Fluid Type	WATER
Liquid Level	43
Min. Diam.	12.5
Rm @ °F	18 @ 6° C
Operating Time	1½ HOURS
Truck No.	132
Recorded By	SIM
Witnessed By	ZSCHECH

532

EQUIPMENT DATA

GAMMA RAY	
RUN NO.	ONE
TOOL MODEL NO.	
DIAMETER	32 MM
DETECTOR MODEL NO.	
TYPE	SCINTILLATION
LENGTH	10 CM
DISTANCE TO N. SOURCE	2.1 M

GENERAL	
HOIST TRUCK NO.	
INSTRUMENT TRUCK NO.	
TOOL SERIAL NO.	125A007

NEUTRON	
RUN NO.	ONE
LOG TYPE	NEUTRON/NEUTRON
TOOL MODEL NO.	
DIAMETER	32 MM
DETECTOR MODEL NO.	
TYPE	PROPORTIONAL
LENGTH	15 CM
SOURCE MODEL NO.	MRC-N-SS-W
SERIAL NO.	187
SPACING	43 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.
1	0	43	4	3	100	0 L	20 API	3	1 K	5 L	200 API
	43	323	4	3	100	0 L	20 API	3	500	0 L	100 API

REMARKS

PE-Goodrich 8(3)A 80-56

ROKE

OIL ENTERPRISES LTD. CALGARY, ALBERTA

FOCUSED BEAM LOG 5 CM 20 CM

FILE NO.	
COMPANY	GULF CANADA RESOURCES INC.
WELL	GDR - RDH - 80 - 56
LOCATION	
FIELD	GOODRICH
PROVINCE	BRITISH COLUMBIA
LSD / SEC / TWP / RGE / W M	
Other Services:	DIR GRN, DENS-CAL
Permanent Datum	GROUND LEVEL Elev.
Log Measured from	CASING .4 M Above Perm. Datum
Well Depths Measured from	
K.B.	
CSG	
G.L.	

Run. No.	ONE
Date	10 DEC. 1980
First Reading	322 M
Last Reading	40
Footage Logged	282
Depth Reached	323
Depth Driller	335
Casing Roke	26.5
Casing Driller	26.5
Fluid Type	WATER
Liquid Level	40
Min. Diam.	HQ
Rm @ °C	18 @ 6°
Operating Time	2 HOURS
Truck No.	132
Recorded By	SIM
Witnessed By	ZSCHACH

532

Remarks FBL # 7 CURRENT RANGE LOW MUDFISH RESISTANCE 40 OHMS
7 ELECTRODE SONDE 20 CM BEAM WIDTH 100 CM ARRAY
PRIMARY 100 OHM/DIV SECONDARY 500 OHM/DIV

RESISTIVITY (OHM-METERS)	Depths	RESISTIVITY (OHM-METERS)
SECONDARY SCALE 0 — 5000		PRIMARY SCALE 0 — 1000 — 2000 6500 — 11500 — 16500

ROKE

OIL ENTERPRISES LTD. CALGARY, ALBERTA

GAMMA RAY NEUTRON LOG

PR-Goodrich 81(3)A 80-57

FILE NO.	
COMPANY	GULF CANADA RESOURCES INC.
WELL	GDR - RDH - 80 - 57
LOCATION	
FIELD	GOODRICH
PROVINCE	BRITISH COLUMBIA

LSD
SEC
TWP
RGE
W ___ M

Other Services: DIR
DENS CAL, FBL

Permanent Datum GROUND LEVEL Elev. ___
Log Measured from CASING .3 M Above Perm. Datum
Well Depths Measured from ___

K.B. ___
CSG ___
G.L. ___

Run. No.	ONE	TWO	
Date	12 DEC. 1980	12 DEC. 1980	
First Reading	140 M	292 M	
Last Reading	0	0	
Footage Logged	140	292	
Depth Reached	140.3	292.3	
Depth Driller	292.5	292.5	
Casing Roke	16.3		
Casing Driller			
Fluid Type	WATER	WATER	
Liquid Level	42.5	37.5	
Min. Diam.	15	15	
Rm @ °C	21 @ 5° C	21 @ 5° C	
Operating Time	3/4 HOUR	1½ HOURS	
Truck No.	132	132	
Recorded By	STM	Witnessed By	ZSCHACH

532

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.	187
HOIST TRUCK NO.		SPACING	43 CM
INSTRUMENT TRUCK NO.		TYPE	AmBe
TOOL SERIAL NO.	125A007	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	140	4	3	100	0 L	15 API	3	500	0 L	100
2	0	37.5	4	3	100	0 L	20 API	3	1000	5 L	200
	37.5	292	4	3	100	0 L	20 API	3	500	0 L	100

REMARKS RUN ONE LOGGED THROUGH RODS

PR. Goodrich 81(3)A 80-57

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 - RDH - 80 - 57
LOCATION
FIELD GOODRICH
PROVINCE BRITISH COLUMBIA

Other Services:
DIR
GRN, DENS-CAL

Permanent Datum GROUND LEVEL Elev.
Log Measured from CASING .3 M Above Perm. Datum
Well Depths Measured from
K.B.
CSG
G.L.

Run. No.	ONE
Date	12 DEC. 1980
First Reading	291 M
Last Reading	34
Footage Logged	257
Depth Reached	292
Depth Driller	292.5
Casing Roke	16.3
Casing Driller	
Fluid Type	WATER
Liquid Level	34
Min. Diam.	15 CM
Rm @ °C	21 @ 5°
Operating Time	2 HOURS
Truck No.	132

Recorded By STM
Witnessed By ZSCHACH

532

Remarks FBL # 7 CURRENT RANGE LOW MUDFISH RESISTANCE 600 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

PR-Goodrich 81(3)A 80-57

ROKE

OIL ENTERPRISES LTD. CALGARY, ALBERTA

FILE NO.

LSD
SEC
TWP
RGE
W M

COMPANY GULF CANADA RESOURCES INC.

WELL GDR - RDH - 80 - 57

LOCATION

FIELD GOODRICH

PROVINCE BRITISH COLUMBIA

Other Services: GRN, FBL, DIR

Permanent Datum GROUND LEVEL Elev.
Log Measured from CASING .3 M Above Perm. Datum
Well Depths Measured from

K.B.
CSG
G.L.

Run. No. ONE
Date 12 DEC. 1980
First Reading 291 M
Last Reading 0
Footage Logged 291
Depth Reached 292
Depth Driller 292.5
Casing Roke 16.3
Casing Driller
Fluid Type WATER
Liquid Level 34
Min. Diam. 15

Operating Time 2½ HOURS
Truck No. 132

532

Recorded By SIM
Witnessed By ZECHACH

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	291	6					.2	5 K	2.97 R	260.78
EXP	58-64										
CAL	0	291									

REMARKS

DENS TOOL # 457AS
CAL TOOL # 785

PR-Goodrich 8(3)A 80-58

ROKE

OIL ENTERPRISES LTD. CALGARY, ALBERTA

FILE NO.	
LSD	
SEC	
TWP	
RGE	
W M	
COMPANY	GULF CANADA RESOURCES INC.
WELL	GDR - RDH - 80 - 58
LOCATION	
FIELD	GOODRICH
PROVINCE	BRITISH COLUMBIA
Other Services:	DIR GRN, DENS-CAL
Permanent Datum	GROUND LEVEL Elev.
Log Measured from	CASING .3 M Above Perm. Datum
Well Depths Measured from	
K.B.	
CSG	
G.L.	

Run. No.	ONE		
Date	15 DEC. 1980		
First Reading	298 M		
Last Reading	75		
Footage Logged	223		
Depth Reached	299		
Depth Driller	299.3		
Casing Roke	6.3		
Casing Driller			
Fluid Type	WATER		
Liquid Level	95		
Min. Diam.	15		
Rm @ °C	15 @ 7°		
Operating Time	1 HOUR		
Truck No.	132		
Recorded By SJM		Witnessed By LOADER	

532

Remarks FBL # 7 CURRENT RANGE LOW MUDFISH RESISTANCE 50 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

Pe. Goodrich 81/3A 80-58

ROKE

OIL ENTERPRISES LTD. CALGARY, ALBERTA

FILE NO.	
COMPANY	GULF CANADA RESOURCES INC.
WELL	GDR - RDH - 80 - 58
LOCATION	
FIELD	GOODRICH
PROVINCE	BRITISH COLUMBIA
Other Services:	GRN, FBL, DIR

LSD
SEC
TWP
RGE
W ___ M

Permanent Datum GROUND LEVEL Elev. ___
Log Measured from CASING .3 M Above Perm. Datum
Well Depths Measured from ___

K.B.
CSG
G.L.

Run No.	ONE
Date	15 DEC. 1980
First Reading	298 M
Last Reading	0
Footage Logged	298
Depth Reached	299
Depth Driller	299.3
Casing Driller	
Casing Roke	6.3
Fluid Type	WATER
Liquid Level	75
Min. Diam.	15
Operating Time	2 HOURS
Truck No.	132

Recorded By STM
Witnessed By LOADER

532

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	298	6					.2	5 K	2.97 R	260.78
CAL	0	298									

REMARKS

DENS TOOL # 457AS
CAL TOOL # 285

ROKE [redacted]

OIL ENTERPRISES LTD. CALGARY, ALBERTA

PR-Goodrich 81(3)A 80-58

FILE NO.	
COMPANY	GULF CANADA RESOURCES INC.
WELL	GDR - RDH - 80 - 58
LOCATION	
FIELD	GOODRICH
PROVINCE	BRITISH COLUMBIA
LSD	
SEC	
TWP	
RGE W M	
Other Services:	DIR DENS-CAL, FBL
Permanent Datum	GROUND LEVEL
Elev.	
Log Measured from	CASING .3 M Above Perm. Datum
Well Depths Measured from	
K.B.	
CSG	
G.L.	

Run. No.	ONE
Date	15 DEC. 1980
First Reading	299 M
Last Reading	0
Footage Logged	299
Depth Reached	299.3
Depth Driller	299.3
Casing Roke	6.3
Casing Driller	
Fluid Type	WATER
Liquid Level	75
Min. Diam.	15 CM
Rm @ °F	15 @ 7° C
Operating Time	1½ HOURS
Truck No.	132
Recorded By	SIM
Witnessed By	LOADER

532

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.	187
HOIST TRUCK NO.		SPACING	43 CM
INSTRUMENT TRUCK NO.		TYPE	AmBe
TOOL SERIAL NO.	125A007	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	75	4	3	100	0 L	20 API	3	1 K	5 L	200 API
	75	299	4	3	100	0 L	20 API	3	500	0 L	100 API

REMARKS

PR-Goodrich 81(3)A 80-59

ROKE [redacted]

OIL ENTERPRISES LTD. CALGARY, ALBERTA

FILE NO.
LSD
SEC
TWP
RGE
W______M

COMPANY GULF CANADA RESOURCES INC.
WELL GDR - RDH - 80 - 59
LOCATION
FIELD GOODRICH
PROVINCE BRITISH COLUMBIA

Other Services:
DIR
DENS-CAL, FBL

Permanent Datum GROUND LEVEL Elev.
Log Measured from CASING .1 M .. Above Perm. Datum
Well Depths Measured from

K.B.
CSG
G.L.

Run. No.	ONE		
Date	16 DEC. 1980		
First Reading	243 M		
Last Reading	0		
Footage Logged	243		
Depth Reached	243.3		
Depth Driller	243.8		
Casing Roke	6.5		
Casing Driller			
Fluid Type	WATER		
Liquid Level	34.5		
Min. Diam.	15		
Rm @ °F	12 @ 10° C		
Operating Time	1 HOUR	532	
Truck No.	132		

Recorded By SIM
Witnessed By LOADER

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
GENERAL		SOURCE MODEL NO.	MRC-N-SS-W
HOIST TRUCK NO.		SERIAL NO.	187
INSTRUMENT TRUCK NO.		SPACING	43 CM
TOOL SERIAL NO.	125A007	TYPE	AmBe
		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	34	4	3	100	0 L	15 API	3	1 K	5 L	200 API
	34.5	243	4	3	100	0 L	15 API	3	500	0 L	100 API

REMARKS LOGGED THROUGH RODS

Pr. Goodrich 81(3)D 80-59

ROKE OIL ENTERPRISES LTD. CALGARY, ALBERTA

FILE NO.
LSD
SEC
TWP
RGE
W M

COMPANY GULF CANADA RESOURCES INC.
WELL GDR - RDH - 80 - 59
LOCATION
FIELD GOODRICH
PROVINCE BRITISH COLUMBIA

Other Services: DIR DENS-CAL, FBL

Permanent Datum GROUND LEVEL Elev.
Log Measured from CASING .1 M Above Perm. Datum
Well Depths Measured from
K.B.
CSG
G.L.

Run. No.	TWO
Date	16 DEC. 1980
First Reading	243 M
Last Reading	0
Footage Logged	243
Depth Reached	243.3
Depth Driller	243.8
Casing Roke	6.5
Casing Driller	
Fluid Type	WATER
Liquid Level	19
Min. Diam.	15
Rm @ °F	12 @ 10° C
Operating Time	1½ HOURS
Truck No.	132
Recorded By	SIM
Witnessed By	LOADER

532

EQUIPMENT DATA

GAMMA RAY		NEUTRON	
RUN NO.	TWO	RUN NO.	TWO
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.	187
HOIST TRUCK NO.		SPACING	43 CM
INSTRUMENT TRUCK NO.		TYPE	AmBe
TOOL SERIAL NO.	125A007	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.
TWO	0	19	4	3	100	0 L	20 API	3	1 K	5 L	200 API
	19	243	4	3	100	0 L	20 API	3	500	0 L	100 API

REMARKS

PR-Goodrich 81(3)A 80-59

ROKE [redacted]

OIL ENTERPRISES LTD. CALGARY, ALBERTA

FILE NO.	
LSD	
SEC	
TWP	
RGE	
W. ___ M	
COMPANY	GULF CANADA RESOURCES INC.
WELL	GDR - RDH - 80 - 59
LOCATION	
FIELD	GOODRICH
PROVINCE	BRITISH COLUMBIA
Other Services:	GRN, FBL, DIR
Permanent Datum	GROUND LEVEL
Elev.	
Log Measured from	CASING .1 M Above Perm. Datum
Drill Depths Measured from	
K.B.	
CSG	
G.L.	

Run. No.	ONE		
Date	16 DEC. 1980		
First Reading	242 M		
Last Reading	0		
Footage Logged	242		
Depth Reached	243		
Depth Driller	243.8		
Casing Roke	6.5		
Casing Driller			
Fluid Type	WATER		
Liquid Level	19		
Min. Diam.	15		
Operating Time	2 HOURS		
Truck No.	132		

Recorded By SIM
Witnessed By LOADER

532

GENERAL RUN NO.	GENERAL DEPTHS FROM	GENERAL DEPTHS TO	GENERAL SPEED M MIN	GAMMA RAY T.C. SEC.	GAMMA RAY SENS SETTINGS	GAMMA RAY ZERO DIV. L OR R	GAMMA RAY API G.R. UNITS PER LOG DIV.	SIDEWALL DENSILOG T.C. SEC.	SIDEWALL DENSILOG SENS SETTINGS	SIDEWALL DENSILOG ZERO DIV. L OR R	SIDEWALL DENSILOG CPS/DIV
1	0	242	6					.2	5 K	2.97 R	260.78
EXP	141-160	210-215									
CAL	0	242									

REMARKS

DENS TOOL # 457AS
CAL TOOL # 785

ROKE

OIL ENTERPRISES LTD. CALGARY, ALBERTA

CALIPER

PR ... 1216

FILE NO.	
COMPANY	GULF CANADA RESOURCES INC.
WELL	GDR - RDH - 81 - 01
LOCATION	
FIELD	GOODRICH
PROVINCE	BRITISH COLUMBIA
Other Services:	GR-N, FBL, DIR
LSD	
SEC	
TWP	
RGE	
W	M
Permanent Datum	GROUND LEVEL
Log Measured from	GROUND LEVEL
Well Depths Measured from	GROUND LEVEL
Elev.	
Above Perm. Datum	
K.B.	
CSG	
G.L.	
Run. No.	ONE
Date	JULY 10, 1981.
First Reading	211
Last Reading	0
Footage Logged	211
Depth Reached	212.7
Depth Driller	213.3
Casing Roke	9
Casing Driller	9.1
Fluid Type	WATER
Liquid Level	32.5
Min. Diam.	12.7 CM
Operating Time	1½ HOURS
Truck No.	FU #1
Recorded By	FURANZ
Witnessed By	SEVE

532

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	211	6					0.5	5K	2.89R	139.45

REMARKS DEN TOOL #247AS

CAL TOOL #785

ROKE [redacted]

OIL ENTERPRISES LTD. CALGARY, ALBERTA

PR Goodrich 81/3/A 81-01

FILE NO.
LSD
SEC
TWP
RGE
W M

COMPANY GULF CANADA RESOURCES INC.
WELL GDR - RDH - 81 - 01
LOCATION
FIELD GOODRICH
PROVINCE BRITISH COLUMBIA
Other Services: DIR, GR-N, DEN-CAL

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

Run. No.	ONE
Date	JULY 10, 1981.
First Reading	211 M
Last Reading	35
Footage Logged	176
Depth Reached	212
Depth Driller	213.3
Casing Roke	
Casing Driller	9.1
Fluid Type	WATER
Liquid Level	35
Min. Diam.	12.7 CM
Rm @ °C	37 ΩM @ 11°C
Operating Time	1 HOUR
Truck No.	FU #1

Recorded By PUBANZ
Witnessed By SEVE

532

Remarks FBL # 10 CURRENT RANGE STD MUDFISH RESISTANCE 22 OHMS
7 ELECTRODE SONDE 20 CM BEAM WIDTH 100 CM ARRAY
PRIMARY 250 OHM/DIV SECONDARY 1000 OHM/DIV

RESISTIVITY (OHM-METERS)	Depths	RESISTIVITY (OHM-METERS)
SECONDARY SCALE 0 10000		PRIMARY SCALE 0 2500 5000 13K 23K 33K

PR-Goodrich 81(3)A 81-01

ROKE

OIL ENTERPRISES LTD. CALGARY, ALBERTA

FILE NO.
COMPANY GULF CANADA RESOURCES INC.
WELL GDR - RDH - 81 - 01
LOCATION
FIELD GOODRICH
PROVINCE BRITISH COLUMBIA

LSD.
SEC
TWP
RGE
W____M

Other Services: DIR, DEN-CAL, FBL

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

Run. No.	ONE
Date	JULY 10, 1981
First Reading	212 M
Last Reading	0
Footage Logged	212
Depth Reached	213
Depth Driller	213.3
Casing Roke	9
Casing Driller	9.1
Fluid Type	WATER
Liquid Level	32.5
Min. Diam.	12.7 CM
Rm @	
Operating Time	1¼ HOURS
Truck No.	FU #1
Recorded By	FUBANZ
Witnessed By	SEVE

532

EQUIPMENT DATA

GAMMA RAY		NEUTRON	
RUN NO.	ONE	RUN NO.	ONE
TOOL MODEL NO.	125	LOG TYPE	NEUTRON/NEUTRON
DIAMETER	3.2 CM	TOOL MODEL NO.	
DETECTOR MODEL NO.		DIAMETER	3.2 CM
TYPE	SCINTILLATION	DETECTOR MODEL NO.	
LENGTH	10 CM	TYPE	PROPORTIONAL
DISTANCE TO N. SOURCE	2 M	LENGTH	15 CM
		SOURCE MODEL NO.	MRC-N-SS-W
GENERAL		SERIAL NO.	126
HOIST TRUCK NO.		SPACING	38 CM
INSTRUMENT TRUCK NO.		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.
1	0	32.5	4	2	500	0	20	2	10K	10L	300
	32.5	212	4	2	500	0	20	2	5K	0L	150

REMARKS

ROKE

OIL ENTERPRISES LTD. CALGARY, ALBERTA

FILE NO.
LSD
SEC
TWP
RGE
W ____ M

COMPANY GULF CANADA RESOURCES INC.
WELL GDR - RDH - 81 - 02
LOCATION
FIELD GOODRICH
PROVINCE BRITISH COLUMBIA

Other Services: DEN-CAL

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

Run. No.	ONE
Date	JULY 10, 1981.
First Reading	213 M
Last Reading	0
Footage Logged	213
Depth Reached	213.4
Depth Driller	213.7
Casing Driller	2
Casing Roke	3
Fluid Type	WATER
Liquid Level	45.6
Min. Diam.	12.7 CM
Rm @	
Truck No.	FU #1
Operating Time	1 HOUR

Recorded By FUBANZ Witnessed By SEVE

532

EQUIPMENT DATA

GAMMA RAY		NEUTRON	
RUN NO.	ONE	RUN NO.	ONE
TOOL MODEL NO.	125	LOG TYPE	NEUTRON/NEUTRON
DIAMETER	3.2 CM	TOOL MODEL NO.	
DETECTOR MODEL NO.		DIAMETER	3.2 CM
TYPE	SCINTILLATION	DETECTOR MODEL NO.	
LENGTH	10 CM	TYPE	PROPORTIONAL
DISTANCE TO N. SOURCE	2 M	LENGTH	15 CM
GENERAL		SOURCE MODEL NO.	MRC-N-SS-W
		SERIAL NO.	126
HOIST TRUCK NO.		SPACING	38 CM
INSTRUMENT TRUCK NO.		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.
1	0	45	4	2	500	0	20	2	10K	10	300
	45	213	4	2	500	0	20	2	5K	0	150

REMARKS

GAMMA RAY	DEPTHS	NEUTRON
GAMMA RAY INCREASES →		NEUTRON INCREASES →
API 20		API 300
0. 200		3000 6000 9000

PR-Goodrich 81(3)A 80-51

ROKE

OIL ENTERPRISES LTD., CALGARY, ALBERTA

FILE NO.
LSD
SEC
TWP
RGE
W ___ M

COMPANY GULF CANADA RESOURCES INC.
WELL GDR - RDH - 80 - 51
LOCATION
FIELD GOODRICH
PROVINCE BRITISH COLUMBIA

Other Services: GRN, FBL, DIR

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

K.B.
CSG
G.L.

Run. No.	ONE
Date	22 NOV. 1980
First Reading	239 M
Last Reading	0
Footage Logged	239
Depth Reached	240
Depth Driller	243.8
Casing Roke	
Casing Driller	
Fluid Type	MUD
Liquid Level	9
Min. Diam.	13.97 CM
Operating Time	2 HOURS
Truck No.	130

Recorded By HAYDEN-LUCK
Witnessed By ZSCHACH

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
1	0	239	6					.2	5 K	1.4 R	199.61
	204	176	4					.2	5 K	1.4 R	199.61

REMARKS

ROKE

OIL ENTERPRISES LTD. CALGARY, ALBERTA

PR Goodrich GDR - RDH - 80 - 51

FILE NO.	
LSD	
SEC	
TWP	
RGE	
W M	
COMPANY	GULF CANADA RESOURCES INC.
WELL	GDR - RDH - 80 - 51
LOCATION	
FIELD	GOODRICH
PROVINCE	BRITISH COLUMBIA
Other Services:	DIR DENS CAL. RBL
Permanent Datum	GROUND LEVEL
Elev.	
Log Measured from	GROUND LEVEL
Above Perm. Datum	
Well Depths Measured from	
K.B.	
CSG	
G.L.	

Run. No.	ONE
Date	22 NOV. 1980
First Reading	239.5 M
Last Reading	0
Footage Logged	239.5
Depth Reached	240
Depth Driller	243.8
Casing Roke	
Casing Driller	
Fluid Type	MUD
Liquid Level	9
Min. Diam.	
Rm @ °F	6.2 @ 16° C
Operating Time	1 HOUR
Truck No.	130
Recorded By	HAYDEN-LUCK
Witnessed By	ZSCHACH

53

EQUIPMENT DATA

GAMMA RAY		NEUTRON	
RUN NO.	ONE	RUN NO.	ONE
TOOL MODEL NO.		LOG TYPE	NEUTRON/NEUTRON
DIAMETER	3.75 CM	TOOL MODEL NO.	
DETECTOR MODEL NO.		DIAMETER	3.75 CM
TYPE	SCINTILLATION	DETECTOR MODEL NO.	
LENGTH	10.16 CM	TYPE	PROPORTIONAL
DISTANCE TO N. SOURCE	2.0 M.	LENGTH	6 INCH
		SOURCE MODEL NO.	MRC-N-SS-W
GENERAL		SERIAL NO.	181
HOIST TRUCK NO.	130	SPACING	43 CM
INSTRUMENT TRUCK NO.	130	TYPE	AmBe
TOOL SERIAL NO.	RGRN 125A008	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	9	4	3	1 K	0 L	20 API	3	1 K	3 R	400 API
	9	239.5	4	3	1 K	0 L	20 API	3	500	3 R	200 API

REMARKS

PR-Goodrich 81(3)A 80-51

ROKE [redacted]

OIL ENTERPRISES LTD. CALGARY, ALBERTA

FILE NO.	
LSD	
SEC	
TWP	
RGE	
W M	
COMPANY	GULF CANADA RESOURCES INC.
WELL	GDR - RDH - 80 - 51
LOCATION	
FIELD	GOODRICH
PROVINCE	BRITISH COLUMBIA
Other Services:	DIR DENS-CAL, GRM
Permanent Datum	GROUND LEVEL
Elev.	
Log Measured from	GROUND LEVEL
Above Perm. Datum	
K.B.	-
CSG	
G.L.	
Well Depths Measured from	

Run. No.	ONE		
Date	21 NOV, 1980		
First Reading	204 M		
Last Reading	176		
Footage Logged	28		
Depth Reached			
Depth Drilled	[illegible]		
Casing Roke			
Casing Driller			
Fluid Type			
Liquid Level			
Min. Diam.			
Rm @ °C	6.2 @ 14°		
Operating Time	3/4 HOURS		
Truck No.	130		

Recorded By HAYDEN-HUCK Witnessed By ZSCHACH

532

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

RESISTIVITY (OHM-METERS)

PRIMARY SCALE

0 5000 10000

26000 46000 66000

Depths

RESISTIVITY (OHM-METERS)

SECONDARY SCALE

0 20000

ROKE

OIL ENTERPRISES LTD. CALGARY, ALBERTA

PR-Goodrich 81/3A 80-51

532

FILE NO.
COMPANY GULF CANADA RESOURCES INC.
WELL GDR - RDH - 80 - 51
LOCATION
FIELD GOODRICH
PROVINCE BRITISH COLUMBIA
LSD
SEC
TWP
RGE
W M

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

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

Run No.	ONE
Date	22 NOV. 1980
First Reading	239.5 M
Last Reading	5
Footage Logged	234.5
Depth Reached	240.5
Depth Driller	240.8
Casing Roke	
Casing Driller	
Fluid Type	MUD
Liquid Level	5
Min. Diam.	13.97 CM
Rm @ °C	6.2 @ 14°
Operating Time	2 HOURS
Truck No.	130

Recorded By HAYDEN-LUCK
Witnessed By ZSCHACH

Remarks FBL # 5 CURRENT RANGE LOW MUDFISH RESISTANCE 500 OHMS
7 ELECTRODE SONDE 20 CM BEAM WIDTH 100 CM ARRAY
PRIMARY 500 OHM/DIV SECONDARY 2 K OHM/DIV

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

ROKE [redacted] OIL ENTERPRISES LTD. CALGARY, ALBERTA

Pr. Goodrich 8(13)A 80-52

FILE NO.
LSD
SEC
TWP
RGE
W M

COMPANY	GULF CANADA RESOURCES INC.
WELL	GDR - RDH - 80 - 52
LOCATION	
FIELD	GOODRICH
PROVINCE	BRITISH COLUMBIA

Other Services:
DIR
FBL, DENS-CAL

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

Run. No.	ONE
Date	25 NOV. 1980
First Reading	245.5 M
Last Reading	0
Footage Logged	245.5
Depth Reached	245.8
Depth Driller	256
Casing Roke	22.5
Casing Driller	22.5
Fluid Type	MUD
Liquid Level	7
Min. Diam.	12.7 CM
Rm @ °F	
Operating Time	1.5 HOURS
Truck No.	130

Recorded By HAYDEN-LUCK Witnessed By ZSCHACH

537

EQUIPMENT DATA

GAMMA RAY		NEUTRON	
RUN NO.	ONE	RUN NO.	ONE
TOOL MODEL NO.	125A	LOG TYPE	NEUTRON/NEUTRON
DIAMETER	3.75 CM	TOOL MODEL NO.	
DETECTOR MODEL NO.		DIAMETER	3.75 CM
TYPE	SCINTILLATION	DETECTOR MODEL NO.	
LENGTH	10.16 CM	TYPE	PROPORTIONAL
DISTANCE TO N. SOURCE	2.0 M	LENGTH	15 CM
		SOURCE MODEL NO.	MRC-N-SS-W
GENERAL		SERIAL NO.	181
HOIST TRUCK NO.	130	SPACING	43 CM
INSTRUMENT TRUCK NO.	130	TYPE	AmBe
TOOL SERIAL NO.	RGRN 125A008	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	245.5	4	3	1 K	0	18 API	3	1 K	0	150

REMARKS

PR-Goodrich 6/13/A 80-52

ROKE

OIL ENTERPRISES LTD. CALGARY, ALBERTA

FILE NO.	
COMPANY	GULF CANADA RESOURCES INC.
WELL	GDR - RDH - 80 - 52
LOCATION	
FIELD	GOODRICH
PROVINCE	BRITISH COLUMBIA
LSD	
SEC	
TWP	
RGE	
W M	
Other Services:	DIR, FBL, GRN,

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

Run. No.	ONE	TWO
Date	25 NOV. 1980	25 NOV. 1980
First Reading	245 M	
Last Reading	0	
Footage Logged	245	EXPANDED
Depth Reached	246	
Depth Driller	256	
Casing Roke	22.5	
Casing Driller	22.5	
Fluid Type	MUD	
Liquid Level		
Min. Diam.	12.7 CM	
Operating Time	2 HOURS	
Truck No.	130	

Recorded By HAYDEN-LUCK Witnessed By ZSCHACH

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
1	0	245	6					.5	5 K	1.4 R	199.61
	78.5	83.5	4					.5	5 K	1.4 R	199.61

REMARKS

DENS TOOL # 241AS
CAL TOOL # 240

CALIPER
DIAMETER –
10 15 20 25

DEPTHS

GAMMA RAY
API

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

ROKE [redacted]

OIL ENTERPRISES LTD. CALGARY, ALBERTA

P.R. Goodrich 81(3)A 80-53

FILE NO.

COMPANY GULF CANADA RESOURCES INC.

WELL GDR - RDH - 80 - 53

LOCATION

FIELD GOODRICH

PROVINCE BRITISH COLUMBIA

LSD
SEC
TWP
RGE
W M

Other Services:
DIR
FBL, DENS-CAL

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

Run No.	ONE			
Date	28 NOV. 1980			
First Reading	279.5 M			
Last Reading	0			
Footage Logged	279.5			
Depth Reached	279.8			
Depth Driller	280			
Casing Roke	NO. 3			
Casing Driller	50.3			
Fluid Type	AIR			
Liquid Level				
Min. Diam.	HQ			
Rm @ °F				
Operating Time	1.5 HOURS			
Truck No.	130			

Recorded By HAYDEN-LUCK Witnessed By ZSCHACH

53

EQUIPMENT DATA

GAMMA RAY		NEUTRON	
RUN NO.	ONE	RUN NO.	ONE
TOOL MODEL NO.	125A	LOG TYPE	NEUTRON/NEUTRON
DIAMETER	3.75 CM	TOOL MODEL NO.	
DETECTOR MODEL NO.		DIAMETER	3.75 CM
TYPE	SCINTILLATION	DETECTOR MODEL NO.	
LENGTH	10.16 CM	TYPE	PROPORTIONAL
DISTANCE TO N. SOURCE	2	LENGTH	6 INCH
		SOURCE MODEL NO.	MRC-N-SS-W
GENERAL		SERIAL NO.	181
HOIST TRUCK NO.	130	SPACING	43 CM
INSTRUMENT TRUCK NO.	130	TYPE	AmBe
TOOL SERIAL NO.	GRN-125A008	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	297.5	4	3	1 K	0	18 API	3	1 K	0	200 API

REMARKS LOGGED THROUGH HQ RODS

GAMMA RAY	DEPTHS	NEUTRON
GAMMA RAY INCREASES →		NEUTRON INCREASES →
→|18|←		→|200|←
0 180		0 2000 4000

PR Goodrich 8/13/A, 80-53

ROKE [redacted] OIL ENTERPRISES LTD. CALGARY, ALBERTA

FILE NO.
COMPANY GULF CANADA RESOURCES INC.
WELL GDR - RDH - 80 - 53
LOCATION
FIELD GOODRICH
PROVINCE BRITISH COLUMBIA

LSD
SEC
TWP
RGE
W M

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

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

Run. No.	ONE
Date	29 NOV 1980
First Reading	292.5 M
Last Reading	0
Footage Logged	292.5
Depth Reached	292.8
Depth Driller	293
Casing Roke	50.3
Casing Driller	50.3
Fluid Type	MUD
Liquid Level	6.5
Min. Diam.	
Rm @	
Operating Time	1.5 HOURS
Truck No.	130

Recorded By HAYDEN-LUCK Witnessed By ZSCHACH

532

EQUIPMENT DATA

GAMMA RAY		NEUTRON	
RUN NO.	ONE	RUN NO.	ONE
TOOL MODEL NO.	125A	LOG TYPE	NEUTRON/NEUTRON
DIAMETER	3.75 CM	TOOL MODEL NO.	125A
DETECTOR MODEL NO.		DIAMETER	3.75 CM
TYPE	SCINTILLATION	DETECTOR MODEL NO.	
LENGTH	10.16 CM	TYPE	PROPORTIONAL
DISTANCE TO N. SOURCE	2.0 M	LENGTH	
		SOURCE MODEL NO.	MRC-N-SS-W
GENERAL		SERIAL NO.	181
HOIST TRUCK NO.	130	SPACING	43 CM
INSTRUMENT TRUCK NO.	130	TYPE	AmBe
TOOL SERIAL NO.	GRN 125 A008	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	292.5	4	3	1K	0	18	3	1K	5 R	100

REMARKS

PR Goodrich 8(3)A 80-54

ROKE [redacted]

OIL ENTERPRISES LTD. CALGARY, ALBERTA

FILE NO.
LSD
SEC
TWP
RGE
W M

COMPANY GULF CANADA RESOURCES INC.

WELL GDR - RDH - 80 - 54

LOCATION

FIELD GOODRICH

PROVINCE BRITISH COLUMBIA

Other Services: FBL, 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	1 DEC 1980		
First Reading	237.5 M		
Last Reading	0		
Footage Logged	237.5		
Depth Reached	237.8		
Depth Driller	237.8		
Casing Roke	4.5		
Casing Driller	5.18		
Fluid Type	AIR		
Liquid Level	FULL		
Min. Diam.	HQ		
Rm @			
Operating Time	1 HOUR		
Truck No.	130		

Recorded By HAYDEN-LUCK Witnessed By ZSCHACH

532

EQUIPMENT DATA

GAMMA RAY		NEUTRON	
RUN NO.	ONE	RUN NO.	ONE
TOOL MODEL NO.	125A	LOG TYPE	NEUTRON/NEUTRON
DIAMETER	3.75 CM	TOOL MODEL NO.	125A
DETECTOR MODEL NO.		DIAMETER	3.75 CM
TYPE	SCINTILLATION	DETECTOR MODEL NO.	
LENGTH	10.16 CM	TYPE	PROPORTIONAL
DISTANCE TO N. SOURCE	2.0 M	LENGTH	
GENERAL		SOURCE MODEL NO.	MRC-N-SS-W
HOIST TRUCK NO.	130	SERIAL NO.	181
INSTRUMENT TRUCK NO.	130	SPACING	43 CM
TOOL SERIAL NO.	RGRN 125 A008	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.
1	0	237.5	4	3	1K	0L	15 API	3	1K	1L	100 API

REMARKS LOGGED THROUGH HQ DRILL RODS

GAMMA RAY

GAMMA RAY INCREASES

API 15

DEPTHS

NEUTRON

NEUTRON INCREASES

API 100

PR-Goodrich 81(3)A

ROKE

OIL ENTERPRISES LTD. CALGARY, ALBERTA

FILE NO	
LSD	
SEC	
TWP	
RGE	
W M	
COMPANY	GULF CANADA RESOURCES INC.
WELL	GDR - RDH - 80 - 54
LOCATION	
FIELD	GOODRICH
PROVINCE	BRITISH COLUMBIA
Other Services	GRN, 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	

Run No	ONE
Date	1 DEC. 1980
First Reading	109 M
Last Reading	0
Footage Logged	109
Depth Reached	109.5
Depth Driller	237.8
Casing Roke	4.5
Casing Driller	5.1
Fluid Type	AIR/WATER
Liquid Level	14.2
Min Diam	
Operating Time	1 HOUR
Truck No	130
Recorded By	MADDEN-LUCK
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	109	6					.2	5 K	1.4 R	199.61

REMARKS NO CALIPER WAS RUN DUE TO THE FACT THE DRILLERS HAD TO TRIP BACK IN IMMEDIATELY.

DENS TOOL # 241AS

P.R. Goodrich 8/13)A 80-54

ROKE

OIL ENTERPRISES LTD. CALGARY, ALBERTA

FILE NO.
[redacted] M
COMPANY GULF CANADA RESOURCES INC.
WELL GDR - RDH - 80 - 54
LOCATION
FIELD GOODRICH
PROVINCE BRITISH COLUMBIA

Other Services:
DIR
FBL, DENS-CAL

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

Run No.	TWO
Date	1 DEC. 1980
First Reading	110.5 M
Last Reading	0
Footage Logged	110.5
Depth Reached	110.8
Depth Driller	237.8
Casing Roke	4.5
Casing Driller	5.1
Fluid Type	AIR/WATER
Liquid Level	14.2
Min. Diam.	
Rm @ °F	
Operating Time	1 HOUR
Truck No.	130
Recorded By	HAYDEN-LUCK
Witnessed By	ZSCHACH

53f

EQUIPMENT DATA

GAMMA RAY		NEUTRON	
RUN NO.	TWO	RUN NO.	TWO
TOOL MODEL NO.	125A	LOG TYPE	NEUTRON/NEUTRON
DIAMETER	3.75 CM	TOOL MODEL NO.	125A
DETECTOR MODEL NO.		DIAMETER	3.75 CM
TYPE	SCINTILLATION	DETECTOR MODEL NO.	
LENGTH	10.16 CM	TYPE	PROPORTIONAL
DISTANCE TO N. SOURCE	2.0 M	LENGTH	6 INCH
		SOURCE MODEL NO.	MRC-N-SS-W
GENERAL		SERIAL NO.	181
HOIST TRUCK NO.	130	SPACING	43 CM
INSTRUMENT TRUCK NO.	130	TYPE	AmBe
TOOL SERIAL NO.	RGRN 125A008	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.
TWO	0	14	4	3	1 K	0 L	18 API	3	1 K	8 L	160
	14	110.5	4	3	1 K	0 L	18 API	3	1 K	2 R	160

REMARKS

GAMMA RAY	DEPTHS	NEUTRON
GAMMA RAY INCREASES →		NEUTRON INCREASES →
→|18|←		→|160|←
0 180		1280 2880 4480

ROKE
OIL ENTERPRISES LTD. CALGARY, ALBERTA

PR-Goodrich 80(3)A 80-55

FILE NO.

LSD
SEC
TWP
RGE
W ____ M

COMPANY GULF CANADA RESOURCES INC.
WELL GDR - RDH - 80 - 55
LOCATION
FIELD GOODRICH
PROVINCE BRITISH COLUMBIA
Other Services: FBL, DENS-CAL

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

Run. No.	ONE
Date	7 DEC. 1980
First Reading	240 M
Last Reading	0
Footage Logged	240
Depth Reached	240.7
Depth Driller	340
Casing Roke	16
Casing Driller	16.76
Fluid Type	WATER
Liquid Level	22.5
Min. Diam.	13.02 CM
Rm @ °F	
Operating Time	1 HOUR
Truck No.	35

Recorded By STM
Witnessed By ZSCHACH

532

EQUIPMENT DATA

GAMMA RAY		NEUTRON	
RUN NO.	ONE	RUN NO.	ONE
TOOL MODEL NO.	125A007	LOG TYPE	NEUTRON/NEUTRON
DIAMETER	3.75 CM	TOOL MODEL NO.	125A007
DETECTOR MODEL NO.		DIAMETER	
TYPE	SCINTILLATION	DETECTOR MODEL NO.	
LENGTH	10.16 CM	TYPE	PROPORTIONAL
DISTANCE TO N. SOURCE	2.15 M	LENGTH	6 INCH
		SOURCE MODEL NO.	MRC-N-SS-W
GENERAL		SERIAL NO.	187
HOIST TRUCK NO.	35	SPACING	43 CM
INSTRUMENT TRUCK NO.	35	TYPE	AmBe
TOOL SERIAL NO.	125A007	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.	22.5	4	2	500	0 L	15 API	2	1000	0 L	180 API
	22.5	240	4	2	500	0 L	15 API	2	500	0 L	90 API

REMARKS LOGGED OPEN HOLE

GAMMA RAY	DEPTHS	NEUTRON
GAMMA RAY INCREASES →		NEUTRON INCREASES →
15 0 150		180 0 1800 3600

ROKE [redacted]

OIL ENTERPRISES LTD. CALGARY, ALBERTA

GR-Goodrich 80(3)(a) 80-55

FILE NO.
LSD
SEC
TWP
RGE
W M

COMPANY GULF CANADA RESOURCES INC.
WELL GDR - RDH - 80 - 55
LOCATION
FIELD GOODRICH
PROVINCE BRITISH COLUMBIA

Other Services: FDL, GRN

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

K.B.
CSG
G.L.
METRIC

Run. No.	ONE
Date	7 DEC. 1980
First Reading	229 M
Last Reading	0
Footage Logged	225
Depth Reached	225.7
Depth Driller	304
Casing Roke	16
Casing Driller	16.76
Fluid Type	WATER
Liquid Level	- 22.5
Min. Diam.	13.02 CM
Operating Time	1 HOUR
Truck No.	35

Recorded By STICKLAND Witnessed By ZSCHACH

532

GENERAL				GAMMA RAY				SIDEWALL DENSILOG			
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	CPS/ DIV
1	0	225	6					.5	10,000	2.97 R	260.78
			8		CALIPER						

REMARKS

DENS TOOL # 457AS
CAL TOOL # 20A45

2.97 DIV. SHIFT.

← 5000 cps

ZERO →

R-Goodrich 80(3)A 80-55

ROKE OIL ENTERPRISES LTD. CALGARY, ALBERTA

FILE NO.

LSD
SEC
TWP
RGE
W M

COMPANY GULF CANADA RESOURCES INC.

WELL GDR - RDH - 80 - 55

LOCATION

FIELD GOODRICH

PROVINCE BRITISH COLUMBIA

Other Services: DENS-CAL, 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	7 DEC. 1980
First Reading	262 M
Last Reading	15
Footage Logged	247
Depth Reached	262.5
Depth Driller	304
Casing Roke	16
Casing Driller	16.76
Fluid Type	WATER
Liquid Level	22.5
Min. Diam.	13.02 CM
Rm @ °C	17 @ 25°
Operating Time	1 HOUR
Truck No.	35

Recorded By SIM
Witnessed By ZSCHACH

Remarks FBL # 5 CURRENT RANGE STD MUDFISH RESISTANCE 5 OHMS
7 ELECTRODE SONDE 20 CM BEAM WIDTH 100 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