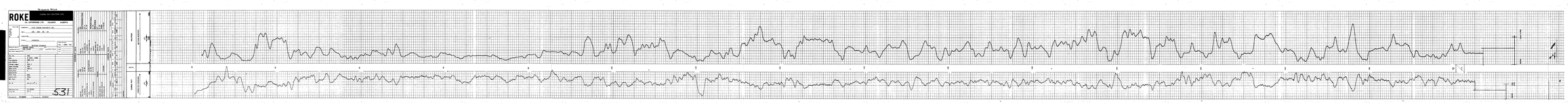

ROKE
TOTAL WELL SERVICES LTD.
COMPANY
LOCATION
COUNTY
PROVINCE
DATE
531

[redacted]

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 - 23
LOCATION	
FIELD	GOODRICH
PROVINCE	BRITISH COLUMBIA
Other Services:	DEN, CAL, FBL
Permanent Datum	GROUND LEVEL Elev.
Log Measured from	RIG FLOOR .4 Above Perm. Datum
Well Depths Measured from	
K.B.	
CSG	
G.L.	

Run. No.	ONE
Date	11 SEPT. 1980
First Reading	187
Last Reading	0
Footage Logged	187
Depth Reached	187.3
Depth Driller	187.1
Casing Roke	15.5
Casing Driller	15.2
Fluid Type	MUD
Liquid Level	17.5
Min. Diam.	HQ
Rm @	28 @ 10° C
Operating Time	2 HOURS
Truck No.	FU 2
Recorded By	SIM
Witnessed By	ZSCHACH

531

EQUIPMENT DATA

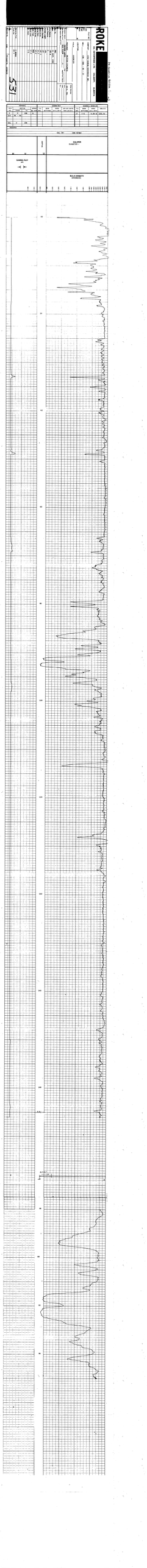
GAMMA RAY		NEUTRON	
RUN NO.	ONE	RUN NO.	ONE
TOOL MODEL NO.		LOG TYPE	NEUTRON/NEUTRON
DIAMETER	32 MM	TOOL MODEL NO.	
DETECTOR MODEL NO.		DIAMETER	32 MM
TYPE	SCINTILLATION	DETECTOR MODEL NO.	
LENGTH	10 CM	TYPE	PROPORTIONAL
DISTANCE TO N. SOURCE	2.1 M	LENGTH	15 CM
		SOURCE MODEL NO.	MRC-N-SS-W
GENERAL		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	187	4	3	100	0 L	15 API	3	5 K	0 L	130 API

REMARKS LOGGED THROUGH HQ DRILL RODS

GAMMA RAY	DEPTHS	NEUTRON
GAMMA RAY INCREASES → API 15 — 0 … 150		NEUTRON INCREASES → API 130 — 0 … 1300 … 2600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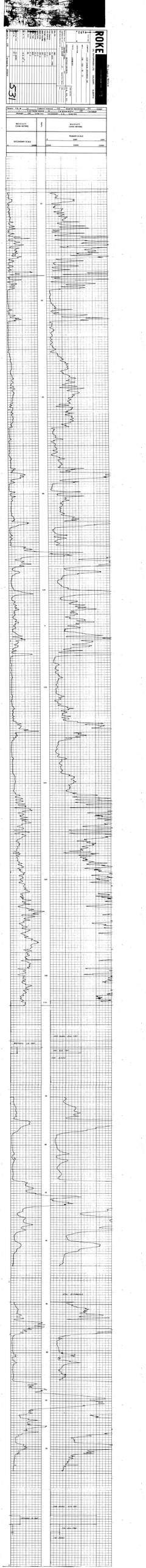
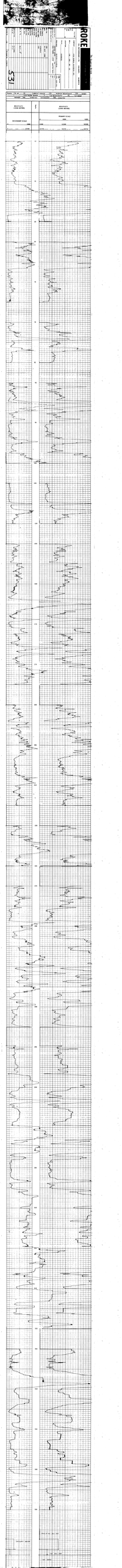
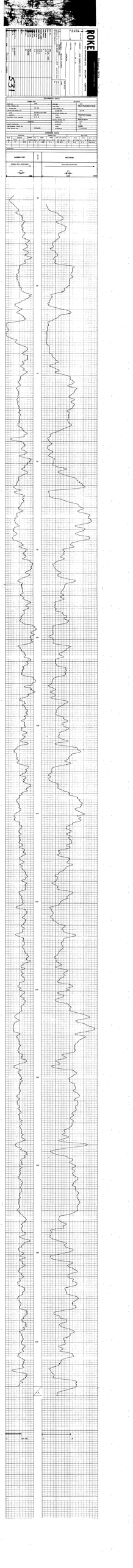
531
CALIPER
GAMMA RAY
BULK DENSITY


ROKE
531
RESISTIVITY (OHM METERS)
RESISTIVITY (OHM METERS)
SECONDARY SCALE
PRIMARY SCALE

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53
EQUIPMENT DATA
GAMMA RAY
NEUTRON
GAMMA RAY NEUTRON
NEUTRON GAMMA RAY
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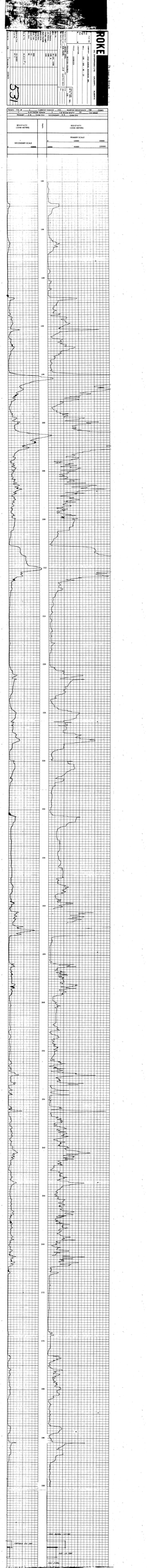
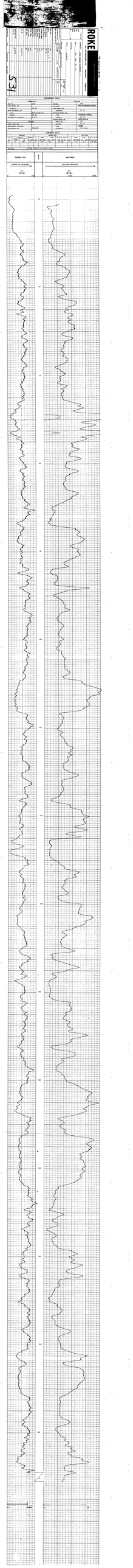




ROKE

OIL SERVICES

COMPANY: OIL ENTERPRISES LTD. CALGARY, ALBERTA

FILE NO.

WELL: CDR - 0080 - 80 - 18

LOCATION: CDR - 0080 - 80 - 18

FIELD: COOBRIDGE

PROVINCE: BRITISH COLUMBIA

Log Measured From: KB 10.0 ABOVE GL

Drilling Measured From: KB

Permanent Datum: GL

Elev.: K.B. 2270 GL 2260

Date: Oct. 23, 1980

Run Number: ONE

Depth-Driller: 5000

Depth-Logger: 5000

Bottom Log Interval: 5000

Top Log Interval: 0

Casing-Driller: 9 5/8 @ 0

Casing-Logger: 9 5/8 @ 0

Bit Size: 8 3/4

Type Fluid in Hole: KCL POLYMER

Dens.: 9.2

Visc.: 50

pH: 9.5

Fluid Loss: 5.0 ml/30m

Source of Sample: FLOWLINE

Rm @ Meas. Temp.: 0.300 @ 75 F

Rmf @ Meas. Temp.: 0.4 @ 75 F

Rmc @ Meas. Temp.: 0.6 @ 75 F

Source: Rmf Rmc: RMF RMC

Rm @ BHT: 0.300 @ 75 F

Time Since Circ.: 2.5 HR

Max. Rec. Temp.: 75 F

Equip. Location: 8 A

Recorded By: G. LOVE

Witnessed By: M. WILLIAMS

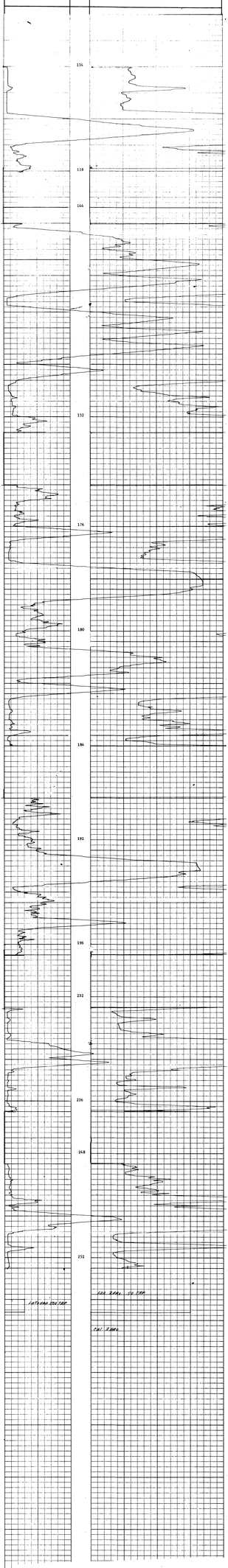
531

Remarks: FBL @ 10 CURRENT RANGE 200 MUDFISH RESISTANCE 300 OHMS

ELECTRODE SPACE 5 CM BEAM WIDTH 60 CM ARRAY

PRIMARY 50 OHM/DIV SECONDARY 500 OHM/DIV

RESISTIVITY (OHM-METERS)	Depths	RESISTIVITY (OHM-METERS)
SECONDARY SCALE 0 — 5000		PRIMARY SCALE 0 — 500 — 1000; 6500 — 11500 — 16500



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 - 31
LOCATION	
FIELD	GOODRICH
PROVINCE	BRITISH COLUMBIA
Other Services	GR-N, DENS-CAL
Permanent Datum	GROUND LEVEL
Elev.	
Log Measured from	RIG FLOOR .6 M Above Perm. Datum
Well Depths Measured from	
K.B.	
CSG	
G.L.	

Run. No.	ONE		
Date	29 OCT. 1980		
First Reading			
Last Reading	EXPANDED		
Footage Logged	59		
Depth Reached			
Depth Driller			
Casing Roke	52		
Casing Driller			
Fluid Type	MUD		
Liquid Level	8.5		
Min. Diam.	HQ		
Rm @ °C	90 @ 7°		
Operating Time	1 HOUR		
Truck No.	132		
Recorded By	SIM	Witnessed By	ZSCHACH

531

Remarks FBL # 7 CURRENT RANGE LOW MUDFISH RESISTANCE 2 K 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; 23000, 43000, 63000

Depths

RESISTIVITY (OHM-METERS) — SECONDARY SCALE: 0, 20000

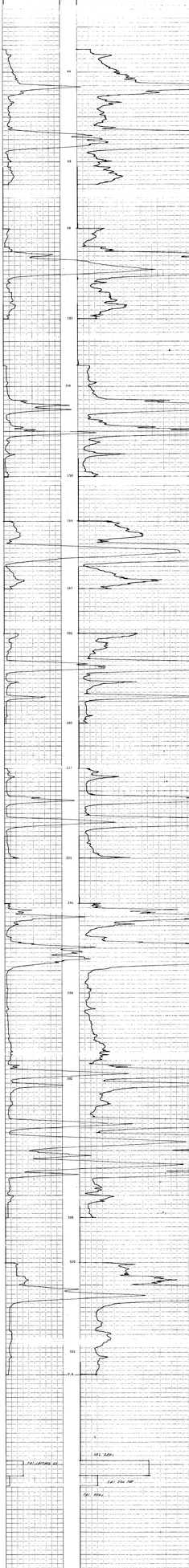
ROKE

OIL INTERNATIONAL LTD. CALGARY ALBERTA

COMPANY	ROKE OIL INTERNATIONAL LTD.
WELL	CDE CALGARY RESERVE 1-34
FIELD	CDE - 2W6 - W - 31
LOCATION	
COUNTY	PROVINCE ALBERTA
Date Run	15 NOV 1980
Depth Driller	1 8 0 0
Depth Logger	1 8 0 0
Bottom Log Interval	1 8 0 0
Top Log Interval	SURFACE
Casing Driller	9 5/8 @ 1 8 0
Casing Logger	9 5/8 @ 1 8 0
Bit Size	8 3/4
Type Fluid in Hole	FRESH WATER GEL
Density	9.2
Viscosity	4 2
Fluid Loss	5 5
Source of Sample	FLOWLINE
Rm @ Meas. Temp.	1.5 @ 7 4
Rmf @ Meas. Temp.	1.3 @ 7 4
Rmc @ Meas. Temp.	1.0 @ 7 4
Source Rmf / Rmc	MEASURED / CALCULATED
Rm @ BHT	1.0 @ 1 0 0
Time Since Circ.	5 HRS
Max. Rec. Temp.	1 0 0
Equipment No.	1 2 0
Location	
Recorded By	BOB GOODRIDGE
Witnessed By	MR. JOHN DOE

Remarks FBL # 1 CURRENT RANGE 10K MUDFLOW RESISTANCE 1200 OHMS
ELECTRODE SPACE 3 CM BEAM WIDTH 10 CM ARRAY
PRIMARY 500 OHM/DIV SECONDARY 4 K OHM/DIV

RESISTIVITY (OHM-METERS)	Depth	RESISTIVITY (OHM-METERS)
SECONDARY SCALE		PRIMARY SCALE
0 20000		0 5000 10000
		23000 45000 45000



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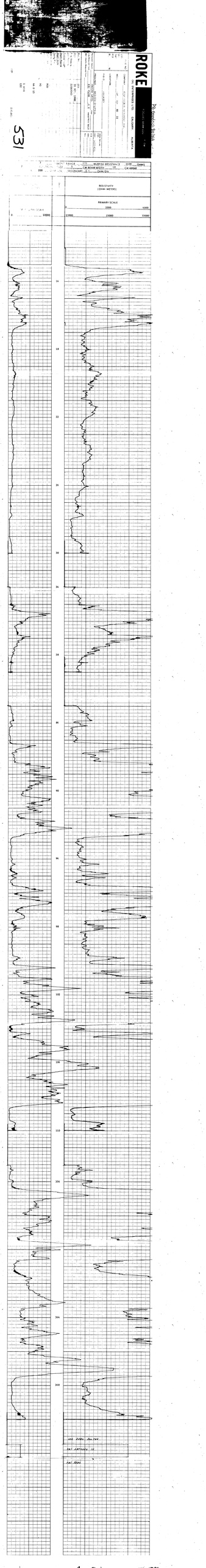

ROKE
OIL ENTERPRISES LTD.
CALGARY ALBERTA
Petroleum Solutions
531
RESISTIVITY
(OHM-METERS)
PRIMARY SCALE
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2000
4000
10000
15000
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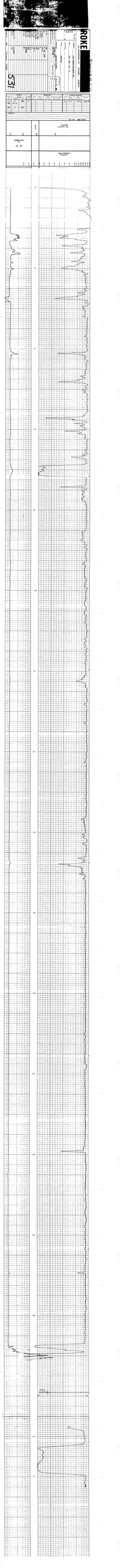

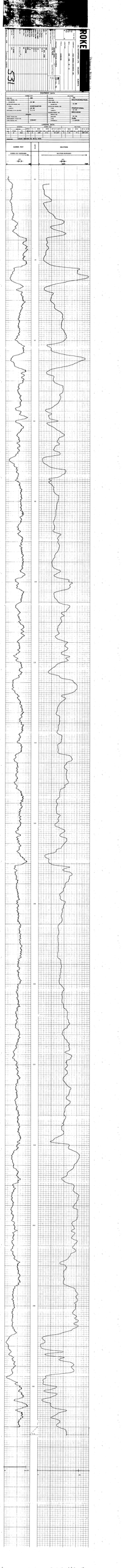

ROKE

OIL ENTERPRISES LTD. CALGARY, ALBERTA

FILE NO. _____
COMPANY GULF CANADA RESOURCES INC.
WELL CDR - DDH - 80 - 34
FIELD COCKBURN
LOCATION _____
SEC. _____
TWP. _____
RGE. _____
M. _____

PROVINCE BRITISH COLUMBIA
GROUND LEVEL Elev.
K.B. 0.3 M Above Perm. Datum
D.F.
G.L.

Other Services
DUAL INDUCTION LATEROLOG (DIL-D)

Permanent Datum
Log Measured From
Drilling Measured From

Run. No.	ONE	TWO	
Date	5 NOV. 1980	6 NOV. 1980	
First Reading	35	100 R	
Last Reading	152.5	110	
Hole Bottom	153	55	
Depth Driller	153	55	
Depth Logger	152.5	117.6	
Bottom Logged Interval	152.5	117.6	
Top Logged Interval	35	25.5	
Casing Driller	23.5	25.5	
Casing Logger	23.5	25.5	
Bit Size	15	15	
Type Fluid in Hole	MUD	MUD	
Density	1.8	1.8	
Viscosity	90	90	
Fluid Loss			
Source of Sample			
Rm @ Meas. Temp.	0.2 @ 12	0.2 @ 12	
Rmf @ Meas. Temp.			
Rmc @ Meas. Temp.			
Source of Rmf & Rmc			
Rm @ BHT	0.2 @ 12	0.2 @ 12	
Time Circ. (Hrs.)	12 HOURS	12 HOURS	
Time Since Circ.	132	132	
Max. Rec. Temp.			
Equip. Location	PRINCE GEORGE	PRINCE GEORGE	
Recorded By	WILLIAMSON	WILLIAMSON	
Witnessed By	ESDACHUK	ESDACHUK	

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Remarks F.B.L. # 7 CURRENT RANGE STD MUDFISH RESISTANCE 1500 OHMS
7 ELECTRODE SONDE 5 CM BEAM WIDTH 100 CM ARRAY
PRIMARY 200 OHM/DIV SECONDARY 2000 OHM/DIV

RESISTIVITY (OHM-METERS)

PRIMARY SCALE
0 2000 4000
26000 46000 66000

RESISTIVITY (OHM-METERS)

SECONDARY SCALE
0 20000

Depth

F.R.
40
44
48
52
100
104
108

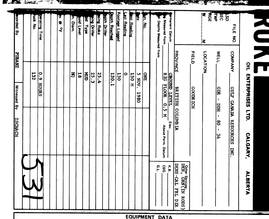
1000 Ω-m/DIV
0 18000

200 Ω-m/DIV
13600 43600 133000

50 Ω-m/DIV

LOWER OF 200 RANGE

CAL ON 1000 RANGE



ROKE OIL ENTERPRISES LTD. CALGARY, ALBERTA

Pembina 6-6-49-7

Rig No.	5
Spud Date	
Total Depth	
Date	
Rig Move On	
Rig Release	
Purchase Order No.	
Elevations	K.B. 3060
	G.L. 3050
Permanent Datum	G.L.
Log Measured From	K.B. 10 Ft. Above Perm. Datum
Drilling Measured From	K.B.

Run No.	ONE
Type Log	Gamma Ray Neutron
Depth Driller	3600
Depth Logger	3600
Bottom Logged Interval	3600
Top Logged Interval	0
Type Fluid in Hole	WATER
Salinity, PPM Cl	
Density	
Level	
Max. Rec. Temp. Deg. F.	
Operating Rig Time	
Recorded By	
Witnessed By	

Run No.	ONE
Bit From	0
Bit To	3600
Size	7 7/8
Type	
Weight	
Viscosity	
Fluid Loss	
Source of Sample	
R @ Meas. Temp.	
R_mf @ Meas. Temp.	
R_mc @ Meas. Temp.	
Source R_mf & R_mc	
R @ BHT	
Time Since Circ.	
Max. Rec. Temp.	
Equip. Location	
Recorded By	
Witnessed By	

Run No.	ONE
Casing Driller	8 5/8 @ 180
Casing Logger	180
Bit Size	7 7/8
Type Fluid in Hole	WATER
Dens.	
Visc.	
pH	
Fluid Loss	
Source of Sample	
R @ Meas. Temp.	
R_mf @ Meas. Temp.	
R_mc @ Meas. Temp.	
Source R_mf & R_mc	
Rm @ BHT	
Time Since Circ.	
Max. Rec. Temp.	
Equip. Location	
Recorded By	
Witnessed By	

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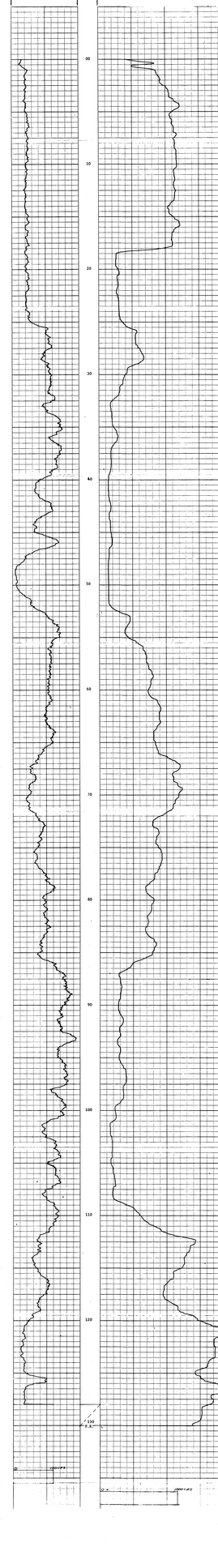
EQUIPMENT DATA

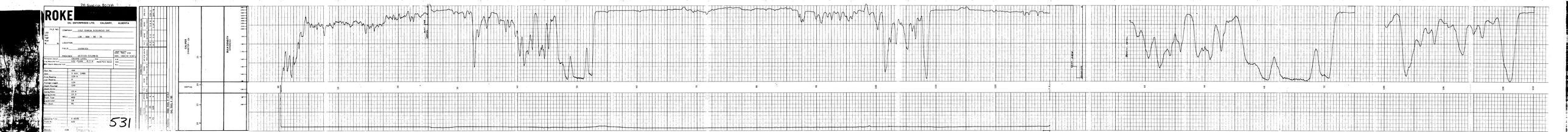
GAMMA RAY		NEUTRON	
RUN NO.	ONE	RUN NO.	ONE
TOOL MODEL NO.	123	LOG TYPE	NEUTRON/NEUTRON
DIAMETER	3-3 OR	TOOL MODEL NO.	123
DETECTOR MODEL NO.		DIAMETER	3-3 OR
TYPE	SCINTILLATOR	DETECTOR MODEL NO.	
LENGTH	10 OR	TYPE	PROPORTIONAL
DISTANCE TO N. SOURCE	2 M	LENGTH	17 OR
		SOURCE MODEL NO.	MRC-N-55-M
GENERAL		SERIAL NO.	
RIG/T. TRUCK NO.		SPACING	4.5 OR
INSTRUMENT TRUCK NO.		SERIAL NO.	Amrille
TOOL SERIAL NO.	1154007	STRENGTH	5 CUR 189

LOGGING DATA

GENERAL					GAMMA RAY				NEUTRON			
RUN NO.	INCOR. FROM	TO	SPEED FT/MIN	T.C. SETTINGS	SENS (DIAL SETTINGS)	API G. R. UNITS DIV. 1, OR R	T.C. SETTINGS	SENS (DIAL SETTINGS)	API N. UNITS DIV. 1, OR R			
				SEC.		PER LOG DIV.	SEC.		PER LOG DIV.			
1	0	3600	6	3	500	0	20	3	5 X	0	180	

REMARKS





ROKE
OIL ENTERPRISES LTD. CALGARY, ALBERTA
FILE NO.
COMPANY
WELL
LOCATION
FIELD
PROVINCE
BRITISH COLUMBIA
DEPTH
CALIPER DIAMETER - CM
BULLENGTH
GRAVITY
531

ROKE

Resources Canada Limited

Co.	ON INTERPRETER LTD. CALGARY, ALBERTA
Well	WELL: COW RIVER WEST 100 - 04 - 30 - 26 - W4
Field	FIELD: WILDCAT
County	COUNTY: CALGARY
Province	PROVINCE: ALBERTA
Date	Date Run: 1 - 11 - 1980
Depth	Depth Driller: 1128 M
Depth Logger	Depth Logger: 1128 M
Bottom Log Int.	Bottom Log Int.: 1128 M
Top Log Int.	Top Log Int.: 0 M
Casing Driller	Casing Driller: 244.5 M
Casing Logger	Casing Logger: 244.5 M
Bit Size	Bit Size: 200 MM
Type Fluid in Hole	Type Fluid in Hole: WATER
Dens.	Dens.: 1.0
Visc.	Visc.: 30
Fluid Loss	Fluid Loss: 10
Source of Sample	Source of Sample: FLOWING
Rm @ Meas. Temp.	Rm @ Meas. Temp.: 0.8 @ 13.3
Rmf @ Meas. Temp.	Rmf @ Meas. Temp.: 0.65 @ 13.3
Rmc @ Meas. Temp.	Rmc @ Meas. Temp.: 0.9 @ 13.3
Rm @ BHT	Rm @ BHT: 0.8 @ 13.3
Time Since Circ.	Time Since Circ.: 16 HRS
Max. Rec. Temp.	Max. Rec. Temp.: 13.3
Equip. Location	Equip. Location: 1 M
Recorded By	Recorded By: KOSTYNIUK
Witnessed By	Witnessed By: MR. BOB WILSON

Run No. 1 Elev. Kb 1128 Ground Elev. 1123

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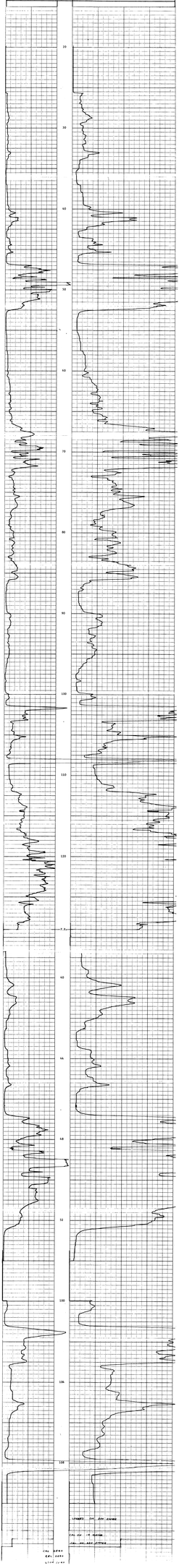
Remarks:	FBI #	CURRENT RANGE	1/10	MUDFISH RESISTANCE	1500	OHMS	
	ELECTRODE SPACE	20	CM BEAM WIDTH	100	CM ARRAY		
	PRIMARY	20000 OHM-CM	SECONDARY	20000 OHM-CM			

RESISTIVITY (OHM-METRES)	DEPTH	RESISTIVITY (OHM-METRES)
SECONDARY SCALE 0 — 10000		PRIMARY SCALE 0 — 2000 — 4000; 10000 — 20000 — 30000