Dresser Atlas

BROKE

Company	[redacted]
Well	[redacted]
Field	[redacted]
County	[redacted]
State	[redacted]
Location	[redacted]
Other Services	[redacted]
Permanent Datum	[redacted]
Log Measured From	[redacted]
Drilling Measured From	[redacted]
Elevation	[redacted]
Date	[redacted]
Run No.	[redacted]
Depth Driller	[redacted]
Depth Logger	[redacted]
Bottom Log Interval	[redacted]
Top Log Interval	[redacted]
Casing Driller	[redacted]
Casing Logger	[redacted]
Bit Size	[redacted]
Type Fluid in Hole	[redacted]
Density	[redacted]
Viscosity	[redacted]
Fluid Loss	[redacted]
Source of Sample	[redacted]
Rm at Meas. Temp.	[redacted]
Rmf at Meas. Temp.	[redacted]
Rmc at Meas. Temp.	[redacted]
Rm at BHT	[redacted]
Time Since Circ.	[redacted]
Max. Rec. Temp.	[redacted]
Equip. Location	[redacted]
Recorded By	[redacted]
Witnessed By	[redacted]

Run No.	[redacted]
Bottom Log Interval	[redacted]
Top Log Interval	[redacted]
Casing Size	[redacted]
Bit Size	[redacted]
Type Fluid in Hole	[redacted]
Density	[redacted]
Viscosity	[redacted]
Fluid Loss	[redacted]
Source of Sample	[redacted]
Rm at Meas. Temp.	[redacted]
Rmf at Meas. Temp.	[redacted]
Rmc at Meas. Temp.	[redacted]
Rm at BHT	[redacted]
Time Since Circ.	[redacted]
Max. Rec. Temp.	[redacted]
Equip. Location	[redacted]
Recorded By	[redacted]
Witnessed By	[redacted]

[redacted]

[redacted]

[redacted]

COPY 2

ROKE

Schlumberger Well Services

Company	CANADIAN SUPERIOR LTD. CALGARY, ALBERTA
Well	ROCKY ROSE LOBICO
Field	WILDCAT
County	MUSKEG R. - TOTEM AT 1
State	BRUNDO
Province	BRITISH COLUMBIA

Other Services: DIPLOG, CBL, VDL

Permanent Datum: GROUND LEVEL Elev.: 0 m

Log Measured From: KB 4.5 m Above Permanent Datum

Drilling Measured From: KB

Date	1-JUN-2010		
Run Number	ONE		
Depth Driller	1800 m		
Depth Logger	1800 m		
Bottom Logged Interval	1800 m		
Top Logged Interval	0 m		
Casing Driller	0 m		
Casing Logger	0 m		
Bit Size	200 mm		
Type Fluid	WATER		
Density	1.0 g/cm³		
Viscosity	0 s		
Fluid Loss	0 cm³		
Source of Sample			
Rm @ Measured Temp	0.000 Ω.m @ 0 °C		
Rmf @ Measured Temp	0.000 Ω.m @ 0 °C		
Rmc @ Measured Temp	0.000 Ω.m @ 0 °C		
Rm @ BHT	0.000 Ω.m @ 0 °C		
Time Since Circulation	0 HOURS		
Time Logger on Bottom	0 HOURS		
Max. Recorded Temp.	0 °C		
Equipment Number	1	Location	BRUNDO
Recorded By		Witnessed By	

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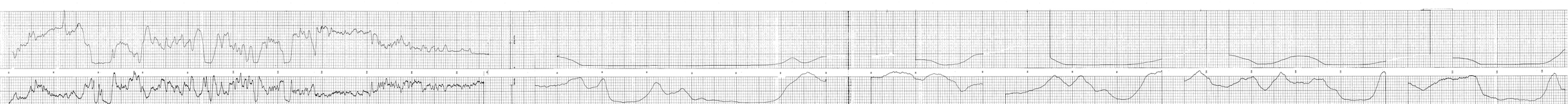
CALIPER
BIT SIZE
GR
0 API 100
CALIBRATION
CALIBRATION
CALIBRATION

ROKE

Schlumberger

Company	ROKE OIL LTD.
Well	465
Field	ROKE
County	
State	ALBERTA
Other Services	
Location	Other Services: DIPLOG, CSG, CBL, VDL, GR, CCL
Permanent Datum	GROUND LEVEL Elevation 0 ft.
Log Measured From	KB 10 ft. Above Perm. Datum
Drilling Measured From	KB
Date	12-Jan-1994
Run No.	ONE
Depth-Driller	1500 ft.
Depth-Logger	1500 ft.
Bottom Log Interval	1500 ft.
Top Log Interval	0 ft.
Casing-Driller	9.625 @ 0 ft.
Casing-Logger	9.625 @ 0 ft.
Bit Size	8.75 in.
Type Fluid in Hole	WATER
Density	8.4 lb/gal
Viscosity	28 s
Fluid Loss	0 cc
Source of Sample	
Rm @ Meas. Temp.	0.000 @ 0 °F
Rmf @ Meas. Temp.	0.000 @ 0 °F
Rmc @ Meas. Temp.	0.000 @ 0 °F
Source Rmf / Rmc	
Rm @ BHT	0.000 @ 0 °F
Time Since Circulation	0 hr.
Time Since Stop	0 hr.
Max. Rec. Temp.	0 °F
Equipment Location	
Recorded By	
Witnessed By	

Run No.	Bit No.	From	To	Hole Size	Casing Size	Weight	Grade	From	To
ONE		0	1500	8.75	9.625			0	1500

Type	Size	Weight	Viscosity	Fluid Loss	Density	Resistivity	Source

COPY

ROKE

COMPANY	[redacted]
WELL	[redacted]
FIELD	[redacted]
COUNTY	[redacted]
STATE	[redacted]
LOCATION	[redacted]
ELEVATION	[redacted]
DATE	[redacted]
RUN NO.	[redacted]
DEPTH	[redacted]
BOREHOLE	[redacted]
CASING	[redacted]
MAX. REC. TEMP.	[redacted]
EQUIP.	[redacted]
RECORDED BY	[redacted]
WITNESSED BY	[redacted]

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COMPANY	[redacted]
WELL	[redacted]
FIELD	[redacted]
COUNTY	[redacted]
STATE	[redacted]
LOCATION	[redacted]
ELEVATION	[redacted]
DATE	[redacted]
RUN NO.	[redacted]
DEPTH	[redacted]
BOREHOLE	[redacted]
CASING	[redacted]
MAX. REC. TEMP.	[redacted]
EQUIP.	[redacted]
RECORDED BY	[redacted]
WITNESSED BY	[redacted]

[redacted]	[redacted]
[redacted]	[redacted]
[redacted]	[redacted]

ROKE

GAMMA RAY NEUTRON LOG

Schlumberger

Co.	ROKE OIL & EXPLORATION LTD.
Well	46-S
Field	ROKE
County	MEDICINE HAT, CONSTITUTION
State	ALBERTA
Other Services	
Permanent Datum	GROUND LEVEL
Elevation	
Log Measured From	KELLY BUSHING
Drilling Measured From	
Date	1-3-1962
Run No.	ONE
Depth-Driller	1,000
Depth-Logger	1,000
Bottom Log Interval	1,000
Top Log Interval	SURFACE
Casing-Driller	8 5/8" @ 30'
Casing-Logger	
Bit Size	7 7/8"
Type Fluid in Hole	WATER
Density	
Viscosity	
Fluid Loss	
Source of Sample	
Rm @ Meas. Temp.	
Rmf @ Meas. Temp.	
Rmc @ Meas. Temp.	
Source Rmf / Rmc	
Rm @ BHT	
Time Since Circ.	
Max. Rec. Temp.	
Equipment No.	1-GR-N
Location	
Recorded By	
Witnessed By	

46-S

EQUIPMENT DATA

GAMMA RAY		NEUTRON	
Run No.	ONE	Run No.	ONE
Log Interval		Log Interval	
Detector No.	42 MC	Gas Det. No.	
Detector Amp. No.		Amp. No.	42 MC
Amplifier	SCINTILLATION	Amplifier	PROFESSIONAL
Gain	10 X	Gain	10 X
Amplifier Vol. Range	1.5 V.	Amplifier Vol. Range	1.5 V.
Source		Source	MEDIUM
Source Strength		Source Strength	50
Source Distance		Source Dist.	42 IN.
Shielding		Shielding	Aluminum
Shielding Thickness	20 I	Shielding Thickness	1 INCHES
Gas Det. Serial No.	9-GR-N, 3-GR-N	Gas Det. Serial No.	

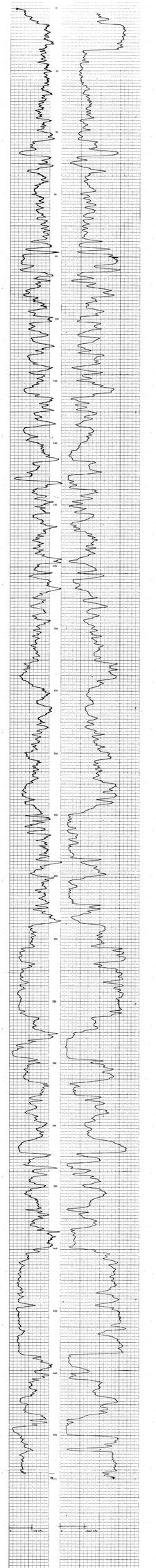
LOGGING DATA

GENERAL																							
Run No.	Time	Tc	Speed	Sens.	Scale	Scale	Scale	Scale	Scale	Scale	Scale	Scale	Scale	Scale	Scale	Scale	Scale	Scale	Scale	Scale	Scale	Scale	Scale
1																							

GAMMA RAY		NEUTRON	
Scale	0-100	Scale	0-1000
Scale Type	Linear	Scale Type	Linear
Scale Units	API	Scale Units	API

GAMMA RAY INCREASES

NEUTRON INCREASES



ROKE

465

Gamma Ray Neutron Log

ROKE

Gamma Ray Neutron Log

Co. Name	ROKE
Well Name	465
Field	
County	
State	
Other Services	
Permanent Datum	GL
Log Measured From	GL
Drilling Measured From	GL
Elev.	K.B. 8 ft. above GL
Date	1-2-92
Run No.	ONE
Depth-Driller	300
Depth-Logger	300
Bottom Log Interval	300
Top Log Interval	0
Casing-Driller	8 5/8 @ 0
Casing-Logger	
Bit Size	7 7/8
Type Fluid in Hole	AIR
Dens. / Visc.	
pH / Fluid Loss	
Source of Sample	
Rm @ Meas. Temp.	
Rmf @ Meas. Temp.	
Rmc @ Meas. Temp.	
Source: Rmf / Rmc	
Rm @ BHT	
Time Since Circ.	
Max. Rec. Temp.	
Equip. Location	
Recorded By	
Witnessed By	

COMPANY: ROKE OIL CO.
WELL: 465
FIELD: SEMINOLE
COUNTY: GAINES
STATE: TEXAS
LOCATION: 330' FSL & 330' FEL
SEC: 8
BLK: 2
SURVEY: H.&T.C.
API #: 42-165-31264

Other Services: SPECTRAL DENSITY DUAL SPACED NEUTRON ARRAY INDUCTION

Permanent Datum: GL
Elev.: K.B. 8 ft. above GL
Log Measured From: GL
Drilling Measured From: GL

Run No. ONE
Date: 1-2-92
Depth-Driller: 300
Depth-Logger: 300
Bottom Log Interval: 300
Top Log Interval: 0
Casing-Driller: 8 5/8 @ 0
Casing-Logger:
Bit Size: 7 7/8
Type Fluid in Hole: AIR
Dens. / Visc.:
pH / Fluid Loss:
Source of Sample:
Rm @ Meas. Temp.:
Rmf @ Meas. Temp.:
Rmc @ Meas. Temp.:
Source: Rmf / Rmc:
Rm @ BHT:
Time Since Circ.:
Max. Rec. Temp.:
Equip. Location:
Recorded By:
Witnessed By:

465

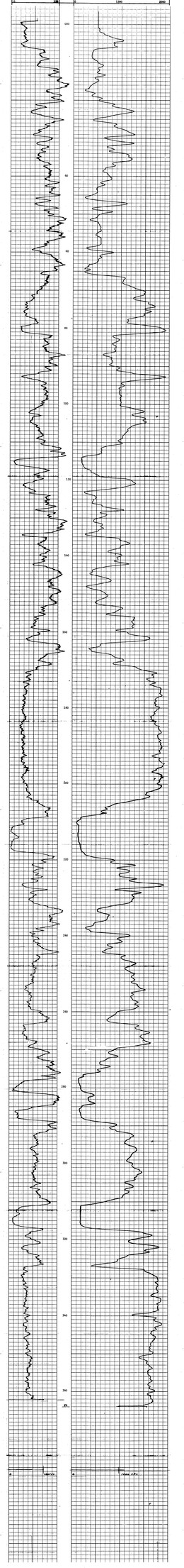
EQUIPMENT DATA

GAMMA RAY		NEUTRON	
RUN NO.	ONE	RUN NO.	ONE
TOOL MODEL NO.		LOG TYPE	NEUTRON/NEUTRON
DETECTOR MODEL NO.	42 SR	TOOL MODEL NO.	
TYPE		DETECTOR MODEL NO.	43 SR
LENGTH	55 CR	TYPE	PROPORTIONAL
DISTANCE FLTR. SOURCE	1.83 ft.	LENGTH	55 CR
		SOURCE NO.	MNC-CB-2
GENERAL:		SOURCE NO.	132
MONIT. TRUCK NO.		SOURCE	42 CR
INSTRUMENT TRUCK NO.	R 3	TYPE	AmBe
TOOL SERIAL NO.	4 DM 300 002	STRENGTH	2 CURIES

LOGGING DATA

GENERAL				GAMMA RAY				NEUTRON			
RUN	DATE			TIME				TIME			
NO.	FROM	TO	BY NO.	FROM	TO	API N. A. UNITS	T.C.	FROM	TO	API N. A. UNITS	T.C.
1	1-2-92	300	R 3	0	300	14	0	0	300	1	1.30

REMARKS: CASING WITH 5 1/2 ONE INCH WATER PLACED TO 17 FEET.
CASING 8 JOINTS TOTAL 300ft.



ROKE

Fetal Monitoring

Name		Date	
Hospital		Time	
Doctor		Delivery	
Nurse		Anesthesia	
Diagnosis			
Medication			
Remarks			

Fetal Heart Rate		Uterine Contractions	
Fetal Movement		Maternal Pulse	
Maternal Blood Pressure		Maternal Temperature	
Maternal Respiration		Fetal Respiration	
Fetal Electrocardiogram		Fetal Blood Pressure	
Fetal Blood Gases		Fetal Electroencephalogram	
Fetal Electromyogram		Fetal Electrooculogram	
Fetal Electrodermogram		Fetal Electrocardiogram	

465

Gamma Ray Neutron Log

ROKEL

ROKEL ENGINEERING LTD. HUNGARY H-8200 VESZPRÉM, PF. 158. Phone: (88) 328-100 Telegram: ROKEL Telex: 72-224

Well: 46S

Field: Szőny

County: Komárom

State: Hungary

Date: 1984. 06. 14.

Time: 14:00

Operator: Szőny Oil Production Company

Witnessed by: Mr. Szőny

Recorded by: Mr. Rokel

Logging Method: Gamma Ray Neutron Log

Logging Speed: 20 m/min

Time Constant: 1 sec

Log Scale: 1:200

Log Interval: 0.5 m

Depth Reference: Kelly Bushing

Elevation: 0 m

Log Measured from: Kelly Bushing

Drilling Measured from: Kelly Bushing

Permanent Datum: Ground Level

Elevation: 0 m

Bit Size: 8 1/2 in

Casing Size: 7 in

Casing Shoe: 1500 m

Casing Weight: 23 kg/m

Mud Type: Bentonite

Mud Density: 1.15 g/cm³

Mud Viscosity: 45 sec

Fluid Level: 0 m

Max. Temp.: 45 °C

Max. Rec. Time: 24 hrs

Max. Deviation: 0 °

Max. Dogleg: 0 °/30 m

Max. Rec. Temp.: 45 °C

Equipment Number: 46S

EQUIPMENT DATA

GAMMA RAY		NEUTRON	
Logging Unit:	ROKEL	Logging Unit:	ROKEL
Detector No.:	12 MC	Detector No.:	12 NC
Detector Type:	SCINTILLATION	Neutron Source No.:	PROFESSIONAL
Type:	1 3/8 in	Type:	2 Ci
Diameter:	1 3/8 in	Source Type:	AMERICIUM
Source Strength:		Source Strength:	2 Ci
Amplifier Type:		Amplifier Type:	
Amplifier Gain:	10 X	Amplifier Gain:	10 X
Log Sensitivity:	0.200 CPS/API	Log Sensitivity:	0 CPS/CPS

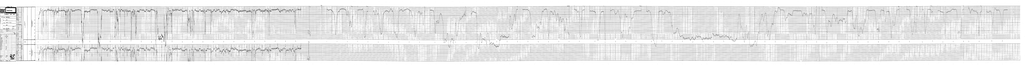
LOGGING DATA

Gamma Ray				Neutron			
Scale	Offset	Gain	Time Const.	Scale	Offset	Gain	Time Const.
0 - 200	0	10	1	0 - 100	0	10	1

Gamma Ray Neutron

Gamma Ray Neutron

Gamma Ray Neutron



ROKE

Gamma Ray Neutron LOG

Co.	ROKE
Well	46S
Field	
County	
State	
Other Services	GR, NEUTRON
Permanent Datum	GL
Elev.	0
Log Measured From	GL
Drilling Measured From	GL
Date	11-8-88
Run No.	ONE
Depth-Driller	610
Depth-Logger	606
Bottom Log Interval	606
Top Log Interval	SURFACE
Casing-Driller	8 5/8 @ 0
Casing-Logger	NONE
Bit Size	7 7/8
Type Fluid in Hole	WATER
Dens. / Visc.	NA
pH / Fluid Loss	NA
Source of Sample	PIT
Rm @ Meas. Temp.	NA
Rmf @ Meas. Temp.	NA
Rmc @ Meas. Temp.	NA
Source: Rmf / Rmc	NA
Rm @ BHT	NA
Time Since Circ.	1 HR
Max. Rec. Temp.	70
Equip. Location	3
Recorded By	J. WEBB
Witnessed By	MR. CHRIS

46S

Company: ROKE OIL LTD.
Well: 46S
Location: BEREA, KY.
County: JACKSON
State: KENTUCKY

Gamma Ray Neutron LOG

Formation Density Log
Compensated Neutron Log
Dual Induction Focused Log
Borehole Compensated Sonic Log
Gamma Ray Neutron Log
Dual Laterolog
Micro Spherically Focused Log
Other Services

Permanent Datum: GL
Elev.: 0
Log Measured From: GL
Drilling Measured From: GL

Date: 11-8-88
Run No.: ONE
Depth-Driller: 610
Depth-Logger: 606
Bottom Log Interval: 606
Top Log Interval: SURFACE
Casing-Driller: 8 5/8 @ 0
Casing-Logger: NONE
Bit Size: 7 7/8
Type Fluid in Hole: WATER
Dens. / Visc.: NA
pH / Fluid Loss: NA
Source of Sample: PIT
Rm @ Meas. Temp.: NA
Rmf @ Meas. Temp.: NA
Rmc @ Meas. Temp.: NA
Source: Rmf / Rmc: NA
Rm @ BHT: NA
Time Since Circ.: 1 HR
Max. Rec. Temp.: 70
Equip. Location: 3
Recorded By: J. WEBB
Witnessed By: MR. CHRIS

EQUIPMENT DATA

GAMMA RAY		NEUTRON	
RUN NO.	ONE	RUN NO.	
TOOL MODEL NO.		CAS. CORR.	NEUTRON/NEUTRON
DIAMETER	43 MM	TOOL MODEL NO.	
DETECTOR MODEL NO.		SONDE TYPE	43 MM
TYPE	SCINTILLATION	DETECTOR MODEL NO.	
CAS. CORR.	43 GR	TYPE	PROPORTIONAL
DISTANCE TO SOURCE	1.8 M	LENGTH	43 CM
		SOURCE MODEL NO.	MODERATOR
GENERAL		DISTANCE	43 CM
ANGLE TRACK NO.		SPACING	43 CM
INCLINOMETER TRACK NO.	20 X	TYPE	Americ
TOOL SERIAL NO.	A 000 123 052	STRENGTH	2 CURIES

LOGGING DATA

GENERAL																			
RUN NO.	FROM	TO	BORING SIZE	FLUID LEVEL	SONDE TYPE	SONDE POSITION	CALIBRATOR USED	CALIBRATOR POSITION	MAX. TEMP.	TIME SINCE CIRC.	NEUTRON								
1	0	603	7 7/8	0	43	BOW	YES	0	70	1 HR	MEL	SPACING	TYPE	SONDE	SIZE	SONDE POSITION	CALIBRATOR USED	CALIBRATOR POSITION	MAX. TEMP.
												43 CM	PROP.	43	43	BOW	YES	0	130

REMARKS: NO ANGLE CARDED TORQUE BRUSH NONE BOW SPLAS MAIN

GAMMA RAY | Scale | NEUTRON

GAMMA RAY INCREASES — NEUTRON INCREASES

0 — 100 API | 0 — 100 PU

00
20
40
60
80
100
120
140
160
180
200
220
240
260
280
300
320
340
360
380
400
FT.

0 — 100 API | 0 — 100 PU

Field Interval: 5.0 M

COPY ROKE

Gamma Ray Neutron Log

Schlumberger Limited

Company	Roke Oil & Exploration Ltd.	Date	12-Feb-90
Well	46S	Time	12:00
Field	Roke	Run No.	1
County	Surrey	Depth Driller	1000 m
State	England	Depth Logged	1000 m
Location	Roke Oil Site	Bottom Log Interval	1000 m
Other Services		Top Log Interval	0 m
Permanent Datum	Ground Level	Casing Driller	0 m @ 0 m
Elevation	0 m	Casing Logged	0 m
Log Measured From	Ground Level	Bit Size	152 mm
Drilling Measured From	Ground Level	Type Fluid in Hole	Air
		Density	-
		Viscosity	-
		pH	-
		Fluid Level	Full
		Max. Rec. Temp.	0 °C
		Estimated Cement Top	-
		Witnessed by	Mr. Hoskins

Equipment	Location
5.5 DC	Surrey
5.5 NL	Surrey
5.5 DC	Surrey
5.5 NL	Surrey
5.5 DC	Surrey
5.5 NL	Surrey
5.5 DC	Surrey
5.5 NL	Surrey

Recorded by: D. Hoskins

Witnessed by: Mr. Hoskins

46S

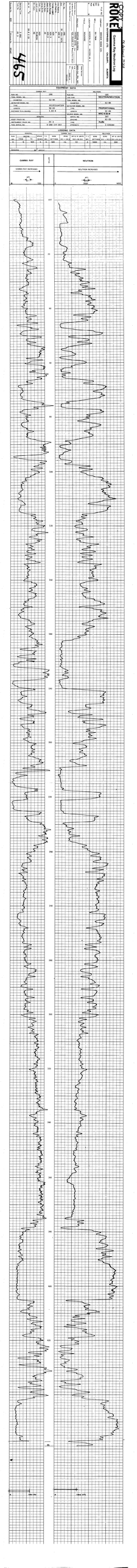
EQUIPMENT DATA

Gamma Ray		Neutron	
Run No.	One	Run No.	One
Detector Model No.		Detector Model No.	NEUTRON NEUTRON
Diameter	52.00	Diameter	52.00
Detector Serial No.		Detector Serial No.	
Source	SCINTILLATOR	Source Serial No.	
Length	52.00	Length	PROPORTIONAL
Anything Extra Attached	1.00 X	Length	1.00 X
Recorded		Recorded	MEDIUM M
Serial No.		Serial No.	147
Amplifier Serial No.		Amplifier	62.00
Amplifier Gain	21	Amplifier	
Time Constant	0.00 (10 Hz)	Time Constant	2.0 MSEC

LOGGING DATA

Gamma Ray					Neutron				
Speed		Sensitivity			Speed		Sensitivity		
Run	From	To	Speed (M/Min)	Sensitivity (CPS/Div)	Run	From (M/Min)	To (M/Min)	Sensitivity (CPS/Div)	Sensitivity (CPS/Div)
1	0	1000	10	100	1	0	1000	10	200

Remarks: AT 0 m



COPY 2

ROKE

ROKE ENTERPRISES LTD.
GAMMA RAY NEUTRON LOG

CALGARY, ALBERTA

FILE NO. 465
FIELD
WELL 16-7W6
COMPANY BRIDGER CORP. LTD.
LOCATION 0-0-0-0-0-0-0-0
PROV. SASKATCHEWAN

Date Run No. 1 | Date Run No. 2 | Date Run No. 3
Logged Interval 0 | Logged Interval | Logged Interval
Casing Driller 0 | Casing Driller | Casing Driller
Casing Logger 0 | Casing Logger | Casing Logger
Bottom Log Int. 0 | Bottom Log Int. | Bottom Log Int.
Top Log Int. 0 | Top Log Int. | Top Log Int.
Type Fluid | Type Fluid | Type Fluid
Density | Density | Density
Viscosity | Viscosity | Viscosity
Fluid Level | Fluid Level | Fluid Level
Max. Rec. Temp. 0 | Max. Rec. Temp. | Max. Rec. Temp.
Equipment No. 0 | Equipment No. | Equipment No.
Location | Location | Location
Recorded By | Recorded By | Recorded By
Witnessed By | Witnessed By | Witnessed By

Permanent Datum: GROUND LEVEL
Elevation: 0
Log Measured From: KB
Drilling Measured From: KB

Elev. K.B. 0
Elev. D.F.
Elev. G.L.

Date: 1-7-81
Run No.: ONE
Depth Driller: 0
Depth Logger: 0
Bottom Log Int.: 0
Top Log Int.: 0
Casing Driller: 0
Casing Logger: 0
Bit Size: 0
Type Fluid in Hole: 0
Density: 0
Viscosity: 0
Max. Rec. Temp.: 0
Equipment No.: 0
Location: 0
Recorded By: 0
Witnessed By: 0

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EQUIPMENT DATA

GAMMA RAY		NEUTRON	
RUN NO.	ONE	RUN NO.	ONE
TOOL MODEL NO.		LOG FOR	NEUTRON/NEUTRON
DIAMETER	43 MM	TOOL MODEL NO.	
DETECTOR MODEL NO.		DIAMETER	43 MM
TYPE	SCINTILLATION	DETECTOR MODEL NO.	
SPACING	10 CM	TYPE	PROPORTIONAL
DETECTOR TO N. SOURCE	1 M N	SPACING	15
		SOURCE MODEL NO.	MRC-N-55-W
DENSITOMETER:		SERIAL NO.	167
DENSITOMETER MODEL NO.		SPACING	43 CM
TOOL SERIAL NO.	P7 3	ACTIVITY	2 CURIES
	4 GAS 169 GAS	STRENGTH	3 CURIES

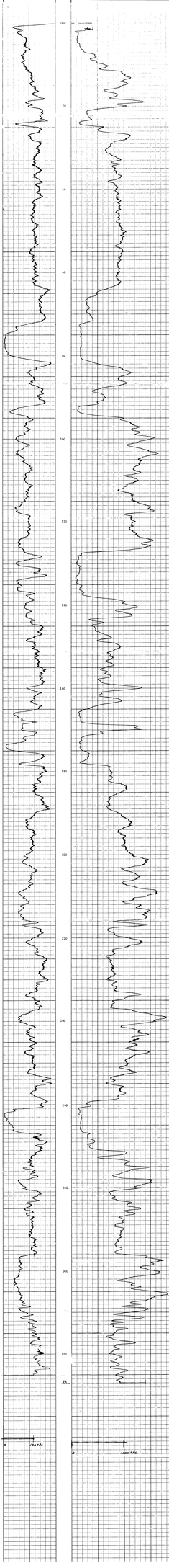
LOGGING DATA

GENERAL						GAMMA RAY				NEUTRON			
RUN NO.	INTERVAL FROM	TO	SPEED M/MIN	F.C. SEC	SENS. SETTINGS	ZERO DIV.	API G.R. UNITS PER CMS DIV.	T.C. SEC	SENS. SETTINGS	ZERO DIV.	API N. UNITS PER CMS DIV.
1	0	107	6	1	100	0	15	1	2000	0	130

REMARKS: TOP ADDED

LOCATED 2 DIVISIONS RIGHT SHIFT

GAMMA RAY	DEPTH	NEUTRON
GAMMA RAY INCREASES		NEUTRON INCREASES
API 15		API 30
0 — 150		0 — 2100



ROKE

[redacted]

Date	2/2/2011		
Time	10:00		
Patient	[redacted]		
Age	[redacted]		
Sex	[redacted]		
Height	[redacted]		
Weight	[redacted]		
Referring Physician	[redacted]		
Technician	[redacted]		
Medication	[redacted]		
Diagnosis	[redacted]		
Comments	[redacted]		
Sensitivity	10		
Filter	35		
Speed	25		
Channel	Type	Sensitivity	Filter
Ch 1	EEG	10	35
Ch 2	EEG	10	35
Ch 3	EEG	10	35
Ch 4	EEG	10	35
Ch

ROKE

[redacted]

Date	2-2-2
Time	1:00
Operator	[redacted]
Rig	[redacted]
Well	[redacted]
Field	[redacted]
County	[redacted]
State	[redacted]
Country	[redacted]
Comments	[redacted]

Chart No. 597

Remarks: Chart Speed: 60 in/hr Calibration Number: 0 Range Number: 1000 Pressure Offset: 0 Pressure Multiplier: 1.000 Clock Offset: 0

MAXIMUM		MINIMUM
1000 PSIGAU		1000 PSIGAU
1000		1000
1000		1000

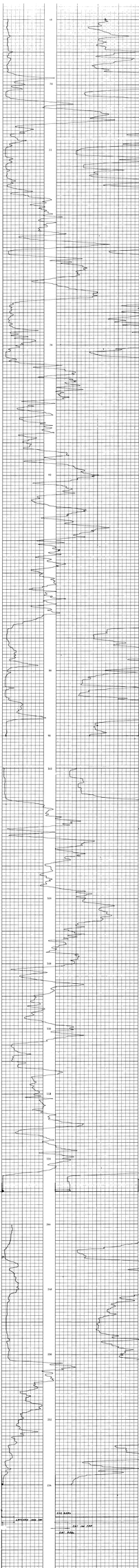
ROKE A DIVISION OF DRESSER INDUSTRIES, INC.

Field: CHAVEZ - CARR - BLACK RIVER
Well: NO. 1
County: EDDY
State: NEW MEXICO

Date: 10-7-77
Run No. ONE
Depth Driller: 10,000
Depth Logger: 10,000
Bottom Log Interval: 9,997
Top Log Interval: 2,000
Casing Driller: 13 3/8 @ 1,000
Casing Logger: 1,000
Bit Size: 17 1/2
Type Fluid in Hole: FRESH WATER GEL
Density: 9.0
Viscosity: 38
Fluid Loss: 10.0
Source of Sample: PUMPS
Rm @ Meas. Temp.: .5 @ 80°F
Rmf @ Meas. Temp.: .5 @ 80°F
Rmc @ Meas. Temp.: .5 @ 80°F
Source: Rmf Rmc: MEASURED
Rm @ BHT: .5 @ 180°F
Time Since Circ.: 24 HRS.
Time on Bottom: 10:00 A.M.
Max. Rec. Temp.: 180°F
Equipment No.: 5197
Location: 660' FSL & 1980' FEL
Recorded By: J. ALVARADO
Witnessed By: MR. BOB BRYANT

Remarks: FDL-CT - 1.5 IN. F.SHUTDOWN BOROH - 20 OH AFRAY
GAM GAGGERT - DEPTHS REFERENCE - DRL.GRND

MILLIVOLTS	Gamma	MILLIVOLTS
GAM.DETECTED		GAM.DETECTED
100		100
10000		0 2000 3000 4000 5000 6000 7000 8000



ROKE

OIL SERVICES LTD.

GAMMA RAY NEUTRON LOG

CALGARY, ALBERTA

Wednesday 7/7/86

FILE NO.	
LOG NO.	
RUN NO.	ONE
DATE	
TIME	
COMPANY	DEROME RESOURCES LTD.
WELL	10-25-26
LOCATION	600FSL&1M W. 600FSL&1M S.
FIELD	SEEKSKIRT
COUNTY/PARISH	BEAVER COUNTY
STATE/PROVINCE	ALBERTA
Permanent Datum	GROUND LEVEL
Log Measured From	KB 5M ABOVE PERM. DATUM
Drilling Measured From	KB
Elevation	K.B. 5M; G.L. 2M
Elev.	
Date	7/6/86
Run No.	ONE
Depth-Driller	3.20
Depth-Logger	3.20
Bottom Log Interval	3.20
Top Log Interval	2.95
Casing-Driller	2.95
Casing-Logger	2.95
Bit Size	7.875
Type Fluid in Hole	WATER
Dens.	
Visc.	
pH	
Fluid Loss	
Source of Sample	
Rm @ Meas. Temp.	
Rmf @ Meas. Temp.	
Rmc @ Meas. Temp.	
Rm @ BHT	
Time Since Circ.	2 HOURS
Max. Rec. Temp.	74 F
Equip. Location	
Recorded By	
Witnessed By	

EQUIPMENT DATA

GAMMA RAY		NEUTRON	
RUN NO.	ONE	RUN NO.	ONE
TOOL MODEL NO.	43	TOOL CODE	NEUTRON/NEUTRON
DIAMETER		TOOL MODEL NO.	43
DETECTOR MODEL NO.	SCINTILLATION	DIAMETER	
TYPE		DETECTOR MODEL NO.	PROPORTIONAL
LENGTH	10	TYPE	
DISTANCE TO SOURCE	1.83 M	LENGTH	1.5 CM
		SOURCE MODEL NO.	MRC-N-S19
		SERIAL NO.	157
		SPACING	1.2
		TYPE	Amda
		STRENGTH	3 CURIES

LOGGING DATA

GAMMA RAY								NEUTRON					
RUN	DEPTH		TI	TC	SENS	ZERO	API/N UNITS	T C	SENS	ZERO	API/N UNITS		
NO.	FROM	TO	MIN.	SEC.	SETTING	DIV. LINE	MIN.CPS/DIV	SEC.	SETTING	DIV. LINE	MIN.CPS/DIV		
1	0	47.7	4	4	100	OL	12 API	3	1000	10L	200 API		
	48	291	4	4	100	OL	12 API	3	1000	OL	200 API		

REMARKS

GAMMA RAY

GAMMA RAY INCREASES

FPI 15

0 150

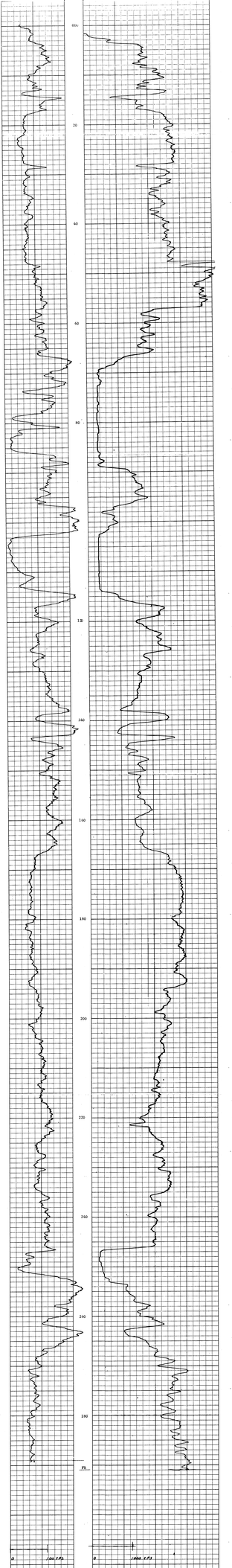
DEPTH

NEUTRON

NEUTRON INCREASES

API 1000

2000 6000



0 100 FPI

0 1000 API

COPY

ROKE

OIL ENTERPRISES LTD. CALGARY ALBERTA

GAMMA RAY NEUTRON LOG

FILE NO.
LSD SEC TWP RGE M

COMPANY: DONCAR OILS LTD.

WELL: 8A-7-11

LOCATION: 40-5613-N.B. 48-3953-B.C.

FIELD: BAYCOURT

PROVINCE: BRITISH COLUMBIA

Permanent Datum: Log Measured from: Drill Measured from:

Elev. Perm. Datum: 1400 G.L.

Date: 1979-7-7

Run No.: ONE

Depth Driller: 1400

Depth Logger: 1400

Bottom Log Int.: 1400

Top Log Int.: 0

Casing Driller: 231

Casing Logger: 231

Bit Size: 231

Type Fluid in Hole: MUD

Dens. / Visc.:

pH / Fluid Loss:

Source of Sample:

Rm @ Meas. Temp.:

Rmf @ Meas. Temp.:

Rmc @ Meas. Temp.:

Source of Rmf / Rmc:

Rm @ BHT:

Time Since Circ.:

Max. Rec. Temp.:

Equipment No.: 5294

Location:

Recorded By: GEAR

Witnessed By: GEAR

EQUIPMENT DATA

GAMMA RAY		NEUTRON	
RUN NO.	ONE	RUN NO.	ONE
TOOL MODEL NO.		LOG TYPE	NEUTRON/NEUTRON
DIAMETER	43 MM	TOOL MODEL NO.	
DETECTOR MODEL NO.	SCINTILLATION	DIAMETER	43 MM
TYPE	10 CM	DETECTOR MODEL NO.	
LENGTH	1.83 M	TYPE	PROPORTIONAL
SOURCE MODEL NO.		LENGTH	15
SERIAL NO.		SOURCE MODEL NO.	MRC-N-SS-W
SPACING		SERIAL NO.	187
TYPE		SPACING	43 CM
STRENGTH		TYPE	AmBe
		STRENGTH	3 CURIES

GAMMA MODEL: RGRS 169.002

INSERT TRUCK NO.

INSTRUMENT TRUCK NO.

TOOL SERIAL NO.

LOGGING DATA

GENERAL					GAMMA RAY					NEUTRON				
PASS	DEPTH		SPEED	SEC	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	231	4	4	100	0L	15 API	3	1000	0L	130 API

REMARKS: 60° ANGLE LOGGED THROUGH RODS

GAMMA RAY

GAMMA RAY INCREASES

API 15

0 150

NEUTRON

NEUTRON INCREASES

APU 130

0 2500

FEET

000

20

40

60

80

100

120

140

160

180

200

220

FB

0 100 FPS

0 100 FPS

465

ROKE

DIVISION OF DRESSER INDUSTRIES, INC.

Field Office: 301 Petroleum Building, Wichita, Kansas 67202

Company: MOBIL OIL CORPORATION

Well: BLTRAIL

Field: WILDCAT

County: GREENWOOD

State: KANSAS

Other Services: DIPMETER

Permanent Datum: GL Elev.: 1037 ft. above Perm. Datum

Log Measured From: KB 10 ft. above Perm. Datum

Drilling Measured From: KB

Run No.	Date	Depth Driller	Depth Logger	Bottom Logged Interval	Top Log Interval	Casing Driller Size @ Depth	Casing Logger Size @ Depth	Bit Size	Type Fluid in Hole	Density	Viscosity	Fluid Loss	Source of Sample	Rm @ Meas. Temp.	Rmf @ Meas. Temp.	Rmc @ Meas. Temp.	Source Rmf / Rmc	Rm @ BHT	Time Since Circulation	Max. Rec. Temp.	Equip. Location	Recorded By	Witnessed By
1	12-5-74	3000	3000	3000	0	8 5/8 @ 0		7 7/8	LIGHT MUD	9.2	38	8.4	MUD PIT	.75 @ 80	.60 @ 80	.90 @ 80	MEASURED / CALCULATED	.55 @ 120	24 HRS.	120	301	J. BOYD	

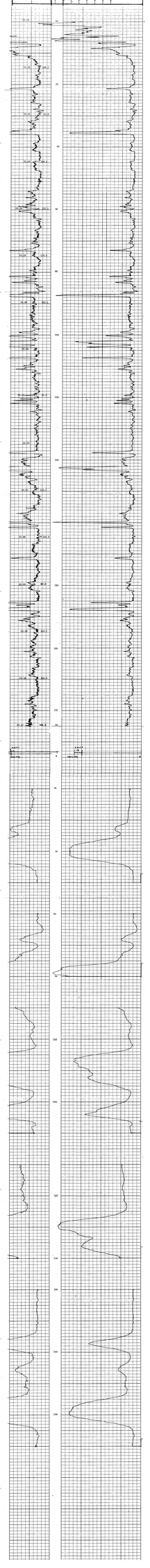
REMARKS: NO ERRS. CAVITY, CHANGE, MELLO, MUDS.

Run No.	Bit Size	Depth Interval	Hole Condition	Equipment Used
1	7 7/8	0 - 3000	GOOD	4 ARM DIPMETER

CALIPER CHANGE 1"

BULK DENSITY (GRAVIMETRIC)

BULK DENSITY (GRAVIMETRIC)



COPY

ROKE

OIL ENTERPRISES LTD. CALGARY, ALBERTA

GAMMA RAY NEUTRON LOG

Re Entered 7/10/14

File No.	
Log No.	
Run No.	
Date	
Time	
Rig No.	

COMPANY: NORTH WEST SCORES LTD.

WELL: 30-7-1-32

LOCATION: 4055807.78 N 686635.58 E

FIELD: BELLEVUE

PROVINCE: CALGARY, ALBERTA

Permanent Datum: GROUND LEVEL

Log Measured From: KBE 1160.0 8.38 Above Perm. Datum

Drilling Measured From: KBE

Elev.: K.B. 1168.3 G.L. 1160.3

Other Services: CBL

Date	21 JUL 79
Type Fluid in Hole	SALT WATER
Max. Rec. Temp.	135
Equipment Number	135
Location	135
Recorded By	D. WEBER
Witnessed By	J. CORNE

Run No.	One	Two	Three
Depth Driller	195		
Depth Logger	195		
Bottom Logged Interval	195.4		
Top Log Interval	13.7		
Casing Driller	13.7		
Casing Logger	13.7		
Bit Size	7 7/8		
Type Fluid in Hole	SALT WATER		
Dens. / Visc.			
Max. Rec. Temp.	135		
Estimated Cement Top	SURFACE		
Time Well Ready			
Time Logger on Bottom			
Equipment No.	135		
Location			
Recorded By	D. WEBER		
Witnessed By	J. CORNE		

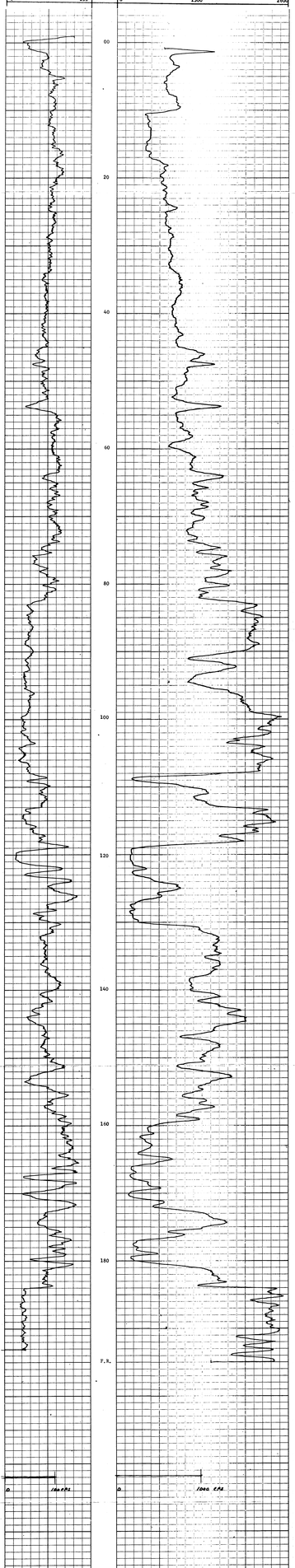
EQUIPMENT DATA

GAMMA RAY		NEUTRON	
RUN NO.	ONE	RUN NO.	ONE
TOOL MODEL NO.		LOG TYPE	NEUTRON/NEUTRON
DIAMETER	43 MM	TOOL MODEL NO.	
DETECTOR MODEL NO.		DIAMETER	43 MM
TYPE	SCINTILLATION	DETECTOR MODEL NO.	
LENGTH	10 CM	TYPE	PROPORTIONAL
DISTANCE TO SOURCE	1.83 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.	RGRS 169.002	TYPE	Americium
		STRENGTH	3 CURIES

LOGGING DATA

GENERAL				GAMMA RAY					NEUTRON		
RUN NO.	DEPTH FROM	DEPTH TO	SPEED M/MIN	F/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	195	4	4	100	01	15 API	3	1000	01	130 API

REMARKS: 30° ANGLE LOGGED THROUGH DRILL ROOM



ROKE

GAMMA RAY NEUTRON LOG

OIL ENTERPRISES LTD. CALGARY, ALBERTA

FILE NO.
LSD
SEC
TWP
RGE
W M

COMPANY DENCSON-MINES LTD.
WELL BD 79-12
LOCATION 6035807.78 N 686636.58 E
FIELD BELCOURT

PROVINCE BRITISH COLUMBIA
Permanent Datum GROUND LEVEL Elev.
Log Measured From RKB FLOOR 8M Above Perm. Datum
Drill Measured From KB
Other Services:
CSG.
G.L. 1701.3

Run No. TWO
Date 2 SEPT 79
Last Reading 285
Footage Logged 110
Depth Reached 285.3
Depth Driller 285
Depth Logger 285
Casing Driller 13.7
Casing Logger
Fluid Level
Liquid Type WTR.
Max. Temp. 11 C.
Rm @ C 23 @ 22°
Operating Time 1½ HOURS
Truck No. RU 3
Recorded By SEM
Witn. G. GIGLIOTTI

Re Relocate 79/06

465

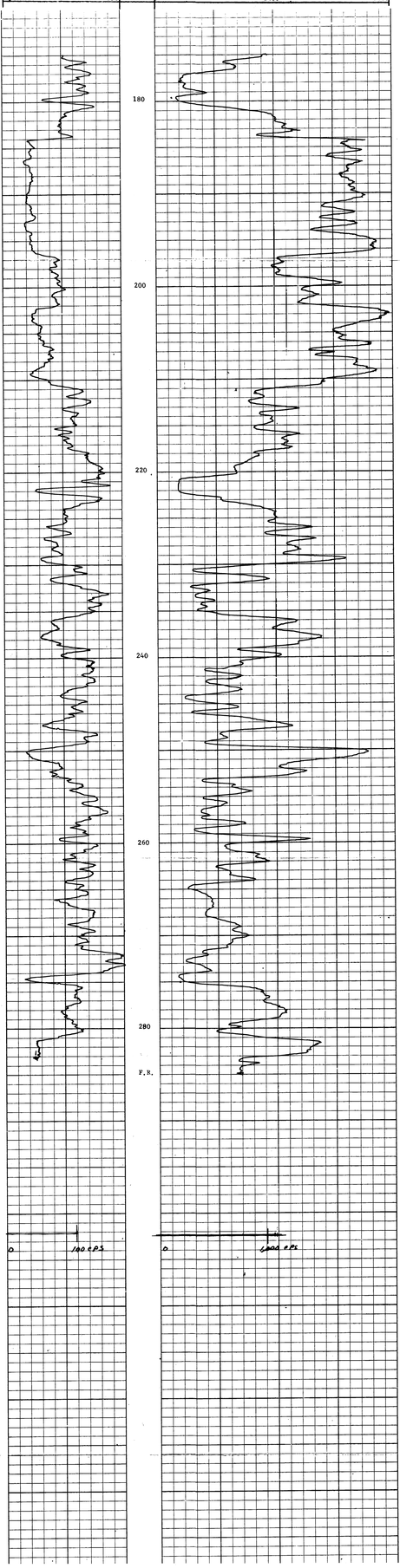
EQUIPMENT DATA

GAMMA RAY		NEUTRON	
RUN NO.	TWO	RUN NO.	TWO
TOOL MODEL NO.		LOG TYPE	NEUTRON/NEUTRON
DIAMETER	43 MM	TOOL MODEL NO.	
DETECTOR MODEL NO.		DIAMETER	43 MM
TYPE	SCINTILLATION	DETECTOR MODEL NO.	
LENGTH	10 CM	TYPE	PROPORTIONAL
DISTANCE TO N. SOURCE	1.83 M	LENGTH	
		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.	RGRN 169 002	STRENGTH	3 CURIES

LOGGING DATA

GENERAL				GAMMA RAY				NEUTRON			
RUN NO	DECTHS 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
2	175	285	4	4	1000	OL	15 API	3	1000	OL	140 API

REMARKS 50° ANGLE LOGGED THROUGH DRILL RODS



ROKE INL INTERNATIONAL LTD. CALGARY ALBERTA

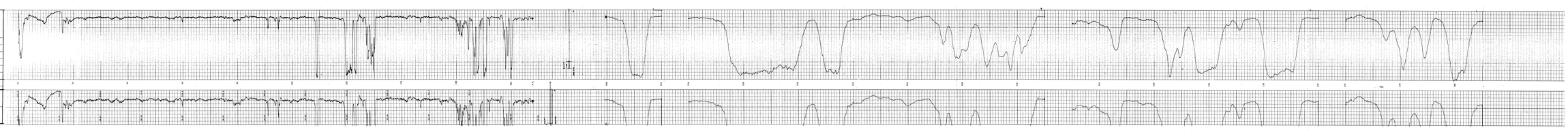
5-DEFAULT DETILOG

COMPANY	AMOCO CANADA LTD.
WELL	81-10-10
LOCATION	10-10-30 W 4 AMOCO 10 7
FIELD	DELGANY
PROVINCE	ALBERTA CANADA

Date Spudded	1981-10-1
Date Run	1981-10-1
Log No.	465
Page No.	1
Total Pages	1

Elev. Rig	1080
Elev. Ground	1070
Log Depth	1080
Log Interval	1080
Casing Shoe	1080
Casing Size	13.3/8
Hole Size	12
Mud Type	GEL
Mud Density	9.5
Viscosity	45
Resistivity	0.4@70
Fluid Loss	20.0

Recorded By: [illegible] Witnessed By: [illegible]



Pk Released 7/7/78

ROKE

OIL ENTERPRISES LTD. CALGARY, ALBERTA

SIDEWALL DENSILOG

FILE NO.
LSD
SEC
TWP
RGE
M

COMPANY: DONSON MINES LTD.
WELL: ED 79-12
LOCATION: 4070MS.78 R 4060N.58 E.
FIELD: BELLEVUE
PROVINCE: BRITISH COLUMBIA
COUNTRY: CANADA

Permanent Datum: GROUND LEVEL
Log Measured from: KB
Drilling Measured from: KB

Date: 9/6
Run No.: 3
Depth Driller: 280
Depth Logger: 280
Casing Size: 13 3/8
Casing Wgt.: 54.5
Casing Depth: 283
Bit Size: 12 1/4
Fluid Type: MUD
Fluid Level: FULL
Max. Temp.: 80

Operating Time: 1 HOUR
Truck No.: FC 3

Recorded By: 31 NORRIS
Witnessed By: GUILLOTTI

Elev.: K.B. 3100
Elev.: D.F.
Elev.: G.L. 3093.3

Other Services: A.I.L. CDL DIP
RIG: ROKER

46S

GENERAL					HARD ROCK SCALE			SIDEWALL DENSILOG			
RUN NO.	DEPTHS FROM	DEPTHS TO	SPEED 30' 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
3	175	280	6	2	500	2.18	48.08	3	1000	1.985	10.53

REMARKS: 50° ANGLE LOGGED THROUGH DRILL BOSS

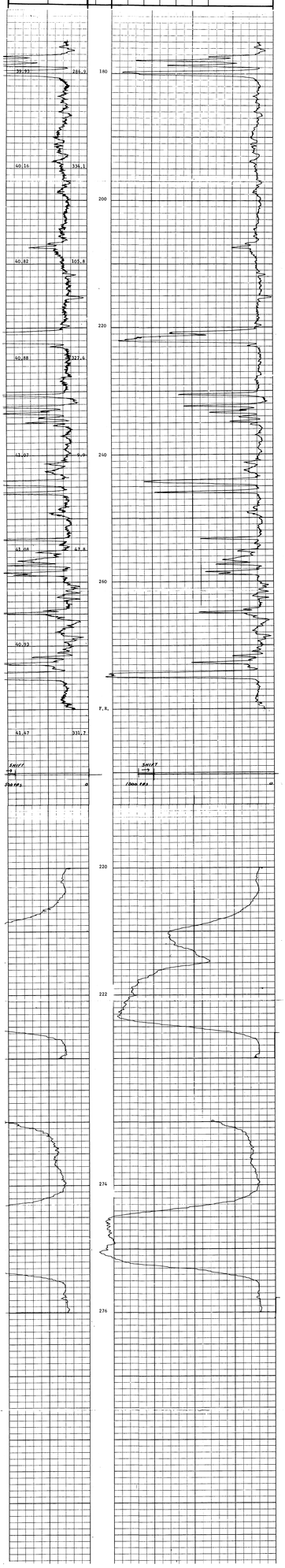
SEE 663A

DEPTHS

CALIPER
DIAMETER –

BULK DENSITY
(GRAMS/CC)

BULK DENSITY
(GRAMS/CC)



ROKE OIL ENTERPRISES LTD.

OIL ENTERPRISES LTD. CALGARY, ALBERTA

FILE NO.	
COMPANY	JORDAN BORIS LTD.
WELL	06-26-21
LOCATION	SECTION 26 W SHAFT 20 S
FIELD	BALDONEL
PROVINCE	BRITISH COLUMBIA
COUNTRY	CANADA

Elev. Rot.	2,000
Elev. Grd.	2,000 24
Elev. Rotary	24
Log Rotary	24
Depth Driller	2,000
Depth Logger	2,000
Depth Drlr.	2,000 4
Casing Drlr.	4
Casing Log.	4
Fluid Type	Air
Fluid Level	0
Max. Temp.	70
Bit Size	7 7/8
Rig No.	22-23
Operating Time	8 HOURS
Truck No.	21 2
Recorded By	CDS
Witnessed By	MCCAY

465

Depth

Time

Gamma Ray API

Caliper Inches

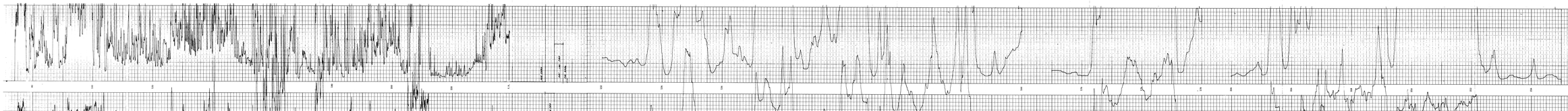
Neutron Porosity %

Density g/cc

Resistivity Ohm-m

Temperature °C

Spontaneous Potential mV



ROKE OIL ENTERPRISES LTD. CALGARY, ALBERTA

5 ON 7 ELECTRODE SHORT SPC

FILE NO. 2
RUN NO. 1
DATE 1-2-73
TIME

WELL: 5-2-73
COMPANY: ROKE OIL
LOCATION: ARMADA T.A. 44W2M.
FIELD: ARMADA
REMARKS:

Date Run: 1-2-73
Time Run: 1:00 P.M.
Depth Logged: 2000
Depth Log Scale: 100
Depth Log Scale: 1000
Depth Log Scale: 1000
Depth Log Scale: 1000

ROKE

GAMMA RAY NEUTRON LOG

OIL ENTERPRISES LTD. CALGARY, ALBERTA

LSD 15 TLE NO
SEC
TWP
RGE
W4M

COMPANY OIL ENTERPRISES LTD.

WELL 15-2-3-1

LOCATION 60 30 30 23 N 4444455.28 E

FIELD WILDCAT

PROVINCE ALBERTA COUNTRY CANADA

Permanent Datum: GROUND LEVEL Elev. 1192
Log Measured From: KB 10 Above Perm. Datum
Drilling Measured From: KB

Date 31-Dec-79
Run Number 1
Depth-Driller 1420
Depth-Logger 1420
Bottom Log Interval 1420
Top Log Interval 33.5
Casing - Driller 9 5/8 @ 33.5
Casing - Logger 33.5
Bit Size 8 1/2
Type Fluid in Hole WATER
Dens. / Visc. 9.5
pH / Fluid Loss 8.0
Source of Sample
Rm @ Meas. Temp. 25.5 @ 72°
Rmf @ Meas. Temp. 25.5 @ 72°
Rmc @ Meas. Temp. 25.5 @ 72°
Source: Rmf / Rmc
Rm @ BHT 25.5 @ 72°
Time Since Circ. 14 HOURS
Max. Rec. Temp. 72°
Equipment No. 1375
Location
Recorded By
Witnessed By

465

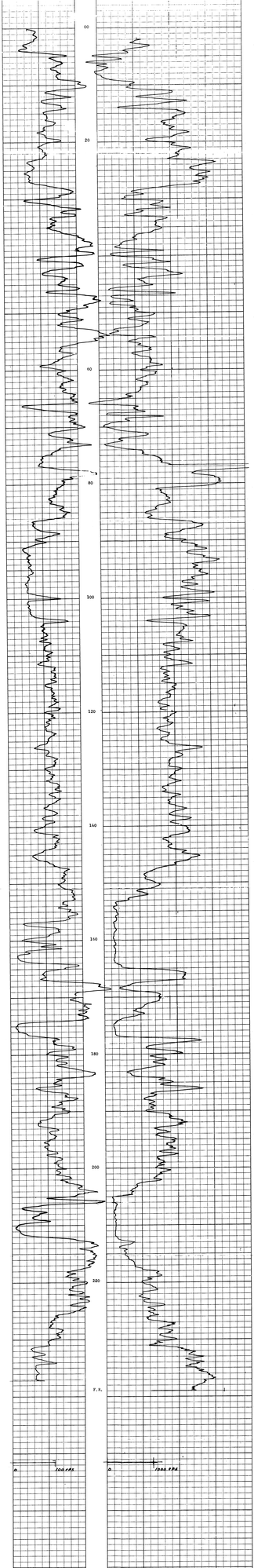
EQUIPMENT DATA

GAMMA RAY		NEUTRON	
RUN NO.	ONE	RUN NO.	ONE
TOOL MODEL NO.		TOOL TYPE	NEUTRON/NEUTRON
DIAMETER	43 IN	TOOL MODEL NO.	
DETECTOR MODEL NO.		DIAMETER	43 IN
TYPE	SCINTILLATOR	DETECTOR MODEL NO.	
LENGTH	10 CM	TYPE	PROPORTIONAL
DISTANCE TO N. SOURCE	1.43 M	LENGTH	15 CM
		SOURCE MODEL NO.	MRC N-55-W
GENERAL		SERIAL NO.	142
HOIST TRUCK NO.		SPACING	43 CM
INSTRUMENT TRUCK NO.		TYPE	AmBe
TOOL SERIAL NO.	S GRS 169 002	STRENGTH	3 CURIES

LOGGING DATA

GENERAL					GAMMA RAY					NEUTRON				
RUN NO.	DEPTHS FROM	TO	SPEED FT. PER 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	76.7	4	9	100	GL	15 API	3	1000	GL	200 API
	77.5	220	4	5	100	GL	15 API	3	1000	GL	200 API

REMARKS 10° ANGLE



ROKE

ROKE OIL AUSTRALIA LTD. LICENCE PEL 32 (ROKE 100%)

WELL NAME	ROKE 1
COUNTRY	AUSTRALIA
STATE	SOUTH AUSTRALIA
LOCATION	1 KM SOUTH OF MOUNTAIN PLAIN
LATITUDE	28° 15' 00" S
LONGITUDE	140° 00' 00" E
DATUM	AGD 66
ELEVATION	0 M
DATE	1 JUNE 1990
TD	1500 M
CASING	9 5/8" @ 30 M
MUD	WATER
RIGS	ROKE 1
CREW	DAY
LOGGING CO.	ROKE
LOGGER	R. CARR
CALIBRATION	PRE & POST
REMARKS	

465

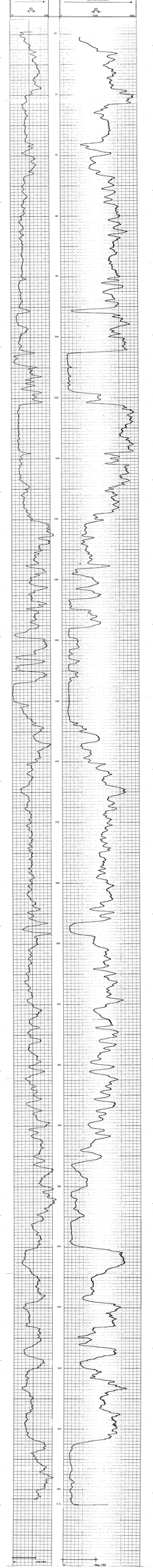
EQUIPMENT DATA

GAMMA RAY		NEUTRON	
PUB MODEL NO.	GR6	PUB MODEL	GR6
CTRL MODEL NO.		CTRL MODEL	NEUTRON/SONDE
SONDE/CT	LT 70	SONDE MODEL NO.	
SONDE SERIAL NO.		SONDE SERIAL NO.	LT 70
SONDE	BOTTOM/CARTRIDGE	DETECTOR MODEL NO.	
CABLE	20 CTS	TYPE	PROPORTIONAL
SERIAL NO. SONDE	2.4 M	SERIAL NO.	2.4 M
		CALIB SERIAL NO.	NAG 0.0 0.0
DETECTOR		SERIAL NO.	LT
MODEL CRYSTAL NO.		TYPE	3 HE
DETECTOR/CT PART NO.		CALIB	PAPER
CTRL SERIAL NO.	6.1GR.1VV.202	CONVERTER	2.1DV1123

CORING DATA

CORING																							
RUN	CORE	DEPTH		RECOVERY		RUN	CORE	DEPTH		RECOVERY		RUN	CORE	DEPTH		RECOVERY		RUN	CORE	DEPTH		RECOVERY	
		FROM	TO	%	M			FROM	TO	%	M			FROM	TO	%	M			FROM	TO	%	M
1	1	0	485	0	0	2	1	500	1500	100	1000												

REMARKS: 4" PIPE, SONDE/CARTRIDGE DETAIL BLOW.



ROKE

OIL ENTERPRISES LTD.

GAMMA RAY NEUTRON LOG

LSD ..... SEC ..... TWP ..... RGE ..... W ..... M

COMPANY: MERCURY ENERGY LTD.

WELL: 10-7-25-11

LOCATION: 00/08-07-25-11 W. 4 SECTION 7-8-9

FIELD: BROOKSBY

Permanent Datum: GROUND LEVEL
Log Measured From: 10 FT. ABOVE
Drilling Measured From: G.L.

Elev.: K.B. 2357
D.F.
G.L. 2344

Date: 1-11-78
Run No.: ONE
Depth-Driller: 1300
Depth-Logger: 1298
Bottom Log Interval: 1298
Top Log Interval: SURFACE
Casing-Driller: 8 5/8 @ 30
Casing-Logger: SURFACE
Bit Size: 7 7/8
Type Fluid in Hole: FRESH
Dens.: -
Visc.: -
Max. Rec. Temp.: 80 F
Estimated Cement Top: SURFACE
Equipment: 50 MILES NORTH OF CALGARY
Recorded By: STEWART
Witnessed By: BOYCE

S6H

EQUIPMENT DATA

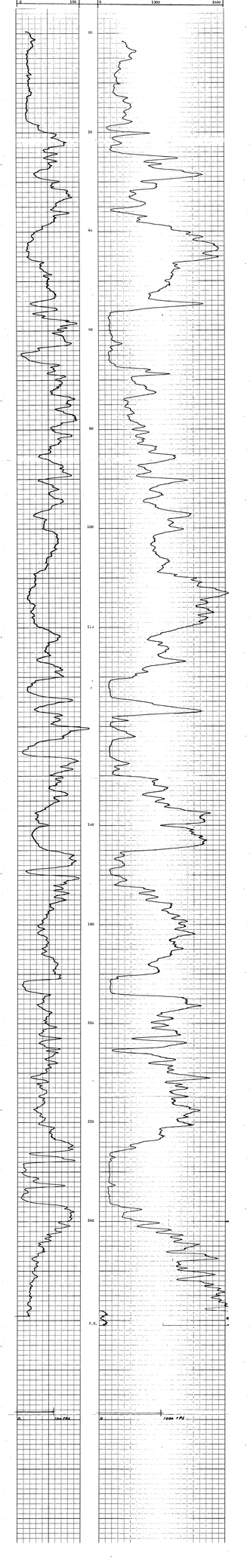
GAMMA RAY	CODE	NEUTRON	CODE
RUN NO.		RUN NO.	
TOOL MODEL NO.		LOG TYPE	NEUTRON/NEUTRON
DIAMETER	43 MM.	TOOL MODEL NO.	
DETECTOR MODEL NO.		DIAMETER	43 MM
TYPE	SCINTILLATOR	DETECTOR MODEL NO.	
LENGTH	16 CM.	TYPE	PROPORTIONAL
SENSITIVITY (CPS/GAMMA)	1.83 M	LENGTH	15 CM.
		SOURCE MODEL NO.	MRC-N-05-W
		SERIAL NO.	127
		SPACING	13 CM.
		TYPE	Am/Be
		STRENGTH	3 CURIES

GAMMA RAY	CODE
INSERT TRUCK NO.	
INSTRUMENT TRUCK NO.	
TOOL SERIAL NO.	2 CES 149.002

LOGGING DATA

RUN	GAMMA RAY INTERVAL FROM	TO	PASS	SPEED FT/MIN	SENS SETTINGS	GAMMA RAY SENS	API N. UNITS PER LOG DIV.	NEUTRON SENS SETTINGS	SENS DIV.	NEUTRON SENS	API N. UNITS PER LOG DIV.
1	0	210	1	100	1	100	15 API	3	1000	95	130 API

REMARKS: 30° ANGLE LOGGED THROUGH DRILL RODS



Not to scale

ROKE

ROKE OIL INTERNATIONAL LTD. CALGARY, ALBERTA

Well: 16-35-26-28 W4M

Field: ROKE

Location: 100/16-35-26-28 W4M

Elevation: 2000 KB

Date: 1-Jan-1900

Remarks: PRE-R.F. 2 ELECTRONIC DATUM 2 CLOSE DATUM 30 DB AB

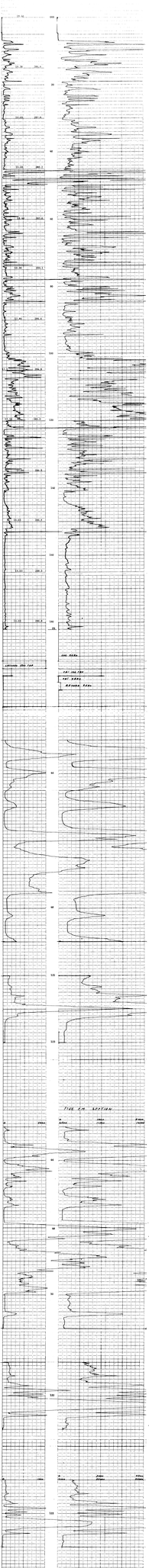
ELEVATION DATUM: 2000 KB ELEVATION: 2000 KB

ELEVATION DATUM: 2 ELEVATION DATUM: DB AB ELEVATION: 30 DB AB

CHANGE IN DAY LIGHTS

MAGNETICS	Scale	NORTHERN	
0		0	
500		500	
1000		1000	
1500		1500	
2000		2000	

Depth	Scale	Description
0	1:200	
500	1:200	
1000	1:200	
1500	1:200	
2000	1:200	



ROKE OIL ENTERPRISES LTD. CALGARY, ALBERTA

GAMMA RAY NEUTRON LOG

LSD. 14-7 TP. 29 RGE. 3 W.4 M.

COMPANY: MERCURY OILS LIMITED

WELL: SOB 7002

LOCATION: 00/07-29-3-4 W4M/31-1 E

FIELD: BOUGHNER

PROVINCE: ALBERTA COLUMBIA

Permanent Datum: GROUND LEVEL Elev. 2 ft. Above Perm. Datum

Log Measured From: KELLY BUSHING Elev. 2 ft. Above Perm. Datum

Drilling Measured From: KELLY BUSHING

Date: 30-Dec-1982

Run No.: ONE

Depth Driller: 2.200 ft.

Depth Logger: 2.197 ft.

Bottom Log Interval: 2.193 ft.

Top Log Interval: 1800 ft.

Casing Driller: 1842.4 ft.

Casing Logger: 1842.4 ft.

Bit Size: 7 in.

Type Fluid in Hole: LIGHT GEL

Dens.: 9.2 lb/gal

Visc.: 52 s

pH: 9

Fluid Loss: 35 ml

Source of Sample: FLOWLINE

Rm @ Meas. Temp.: 0.15 @ 52 F

Rmf @ Meas. Temp.: 0.12 @ 52 F

Rmc @ Meas. Temp.: 0.19 @ 52 F

Source: Rmf: Rmc: MEASURED MEASURED CALCULATED

Rm @ BHT: 0.09 @ 124 F

Time Since Circ.: 11 hrs.

Max. Rec. Temp.: 124 F

Equipment No.: 1111-L

Location: CALGARY

Recorded By: D. SCHMIDT

Witnessed By: MR. DUNCAN

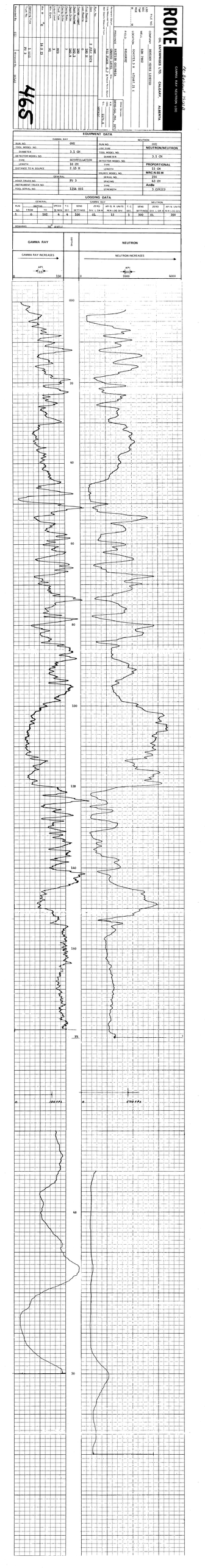
EQUIPMENT DATA

GAMMA RAY		NEUTRON	
RUN NO.	ONE	RUN NO.	ONE
TOOL MODEL NO.		LOG TYPE	NEUTRON/NEUTRON
DIAMETER	3.1 CM	TOOL MODEL NO.	
DETECTOR MODEL NO.	SCINTILLATION	DIAMETER	3.1 CM
TYPE		DETECTOR MODEL NO.	
LENGTH	10 CM	TYPE	PROPORTIONAL
DISTANCE TO N. SOURCE	2.15 M	LENGTH	15 CM
GENERAL		SOURCE MODEL NO.	MRSC N-55 M
HOIST TRUCK NO.	PU 3	SERIAL NO.	324
INSTRUMENT TRUCK NO.		SPACING	63 CM
TOOL SERIAL NO.	1234 001	TYPE	Amba
		STRENGTH	3 CURIES

LOGGING DATA

GENERAL						GAMMA RAY				NEUTRON			
RUN NO.	DEPTHS FROM	TO	OPERA-TOR	T.C. SEC.	SENS. DIVISIONS	ZERO DIV.	API G. R. UNITS PER LOG DIV.	T.C. SEC.	SENS. DIVISIONS	ZERO DIV.	API N. UNITS PER LOG DIV.
1	0	182	6	6	100	OL	15	5	500	OL	200

REMARKS: 36" AGELF



COPY 7

ROKE

SIDEWALL DENSILOG

CANADA

OIL ENTERPRISES LTD.

CALGARY ALBERTA

LSD
SEC
TWP
RGE
M

COMPANY: SECTION NICKLE LOSSITO

WELL: 5H6 7M2

LOCATION: 60A7123.5 S 47367.25 E

FIELD: BEGGARD

PROVINCE: ALBERTA

Other Services: Induction Electrical Survey, Gamma Ray, Neutron Porosity, Caliper

Elev. Perm. Datum: GROUND LEVEL

Log Measured From: 10 FT. ABOVE PERM. DATUM

Drlg. Measured From: KB

Date: FEB. 1977

Run No.: ONE

Depth Driller: 2 Feet Per Scale

Depth Logged: 2 Feet Per Scale

Bit Size: 8 3/4"

Casing Driller: 7" @ 112 Feet

Casing Logged: NONE

Top Log Int.: 2

Btm. Log Int.: 112

Max. Rec. Temp.: 30°C

Equipment No.: 3D1247

Operating Time: 1 HOUR

Truck No.: P3 3

Recorded By: J.C.

Witnessed By: DOUGLAS

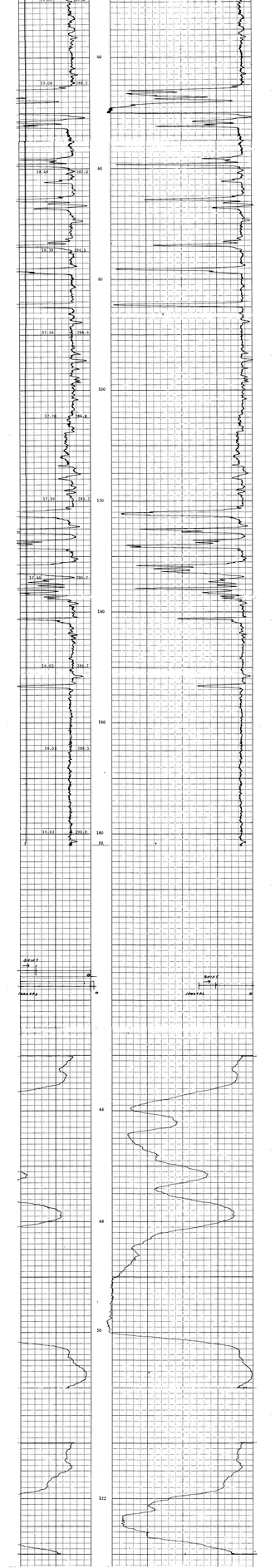
465

GENERAL				GAMMA RAY				SIDEWALL DENSILOG			
RUN NO.	DEPTH FROM	DEPTH TO	SPEED M. HRS.	T.C. SEC.	SENS SETTINGS	ZERO SCL. DIV.	API G.R. UNITS PER LOG DIV.	T.C. SEC.	SENS SETTINGS	ZERO SCL. DIV.	CPS/ DIV
1	0	112	2	2	1000	2.82 R	95.6	.2	1000	2.36	130.90

REMARKS: 20" ACTIV. UNCLOG .2 ?? LOW
RECORDED 200K F 663.A

CALIPER
DIAMETER - CI

GAMMA RAY
API

LAND 200' SCALE

BULK DENSITY
GRAMS/CC