Permanent Datum:	Ground Level	Elev.:	0
Log Measured From:	KB	0 ft. Above Perm. Datum	
Drilling Measured From:	KB		

COMPANY: Denison Coal
WELL: Borehole #7318
FIELD: Sandra
COUNTY: Elk
STATE: B.C.

Elevations: K.B. 0 ft.
D.F. 0 ft.
G.L. 0 ft.

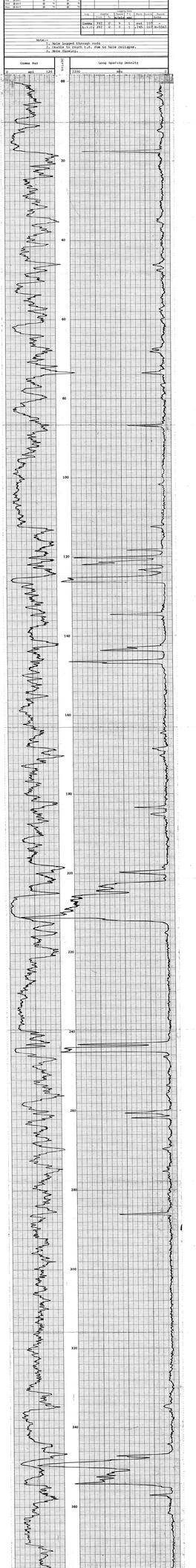
Date: 4-Jan-78
Run No.: 1
Depth-Driller: 292
Depth-Logger: 292
Bottom Log Interval: 292
Top Log Interval: 0
Casing - Driller: 0 @ 0 ft
Casing - Logger: 0
Bit Size: 6 1/2 in
Type Fluid in Hole: Air
Dens.: - Visc.: -
pH: - Fluid Loss: -
Source of Sample: -
Rm @ Meas. Temp.: @ °F
Rmf @ Meas. Temp.: @ °F
Rmc @ Meas. Temp.: @ °F
Source: Rmf: - Rmc: -
Rm @ BHT: @ °F
Rmf @ BHT: @ °F
Rmc @ BHT: @ °F

Tool Type	Tool No.	Det. Offset	Det. Type	Det. Serial No.
GAMMA	292	0	1	4068
L.S.D.	292	0	1	745

Run No.	Tool Type	Tool Position	Other
1	C.C.D.	Sidewall.	

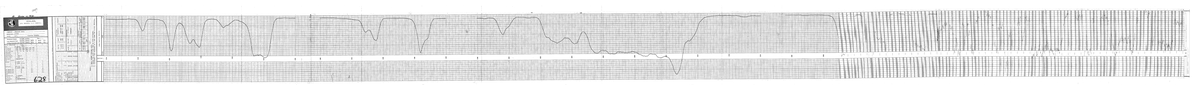
Tool	Depth Driller	Depth Logger	Blocked At	Status	Time
GAMMA	292	0	0	OK	100
L.S.D.	292	0	0	OK	100

Notes:
1. Hole logged through rods
2. Unable to reach t.d. due to hole collapse.
3. Hole flooded.



Gamma Ray 0 API 125 | Depth | Long Spacing Density 2.000 gm/cc 3

COMPANY Denison Coal
BOREHOLE #7318
FIELD Sandra
COUNTY
STATE B.C.



Dr. Saxon 77-1/16

COMPANY Denison Coal.
BOREHOLE #2709
STATE B.C. COUNTRY Canada

GENERAL LOGGING
Gamma Ray, L.S. Density, Caliper.

Date 1977/01/27
Logging Unit 2
Logging Engineer Ferguson
Witnessed by Saxon
Recorded by Ferguson
Elevations: Kelly Bushing
Ground Level
Log measured from Ground Level 2.25 ft above P.D.
Drilling measured from Ground Level 2.25 ft above P.D.

field form

REMARKS

Changes in Mud Type or Additional Samples

Date	Sample No.			
Depth — Driller				
Type Fluid in Hole				
Density	Visc.			
pH	Fluid Loss	ml		

Source of Sample

Rm @ Meas Temp	@	°F	@	°F
Rmf @ Meas Temp	@	°F	@	°F
Rmc @ Meas Temp	@	°F	@	°F
Source: Rmf Rmc				
Rm @ BHT	@	°F	@	°F
Rmf @ BHT	@	°F	@	°F
Rmc @ BHT	@	°F	@	°F

Scale Changes

Type Log	Depth	Scale Up Here	Scale Down
Caliper	232	2" = 2"	
L.S.D.	232	6000 = 0 sdu	
Gamma	232	0 = 150api	

Equipment Data

Run No.	Tool Type	Tool Position	Other
1	C.C.S.	sidewall	

Logging Data

Log	Depths From	To	Speed m/min	Norm.	Backup	Source Number
Caliper	232	0	9	0.8	sub 107	-
L.S.D.	232	0	9	0.8	2500107	K-5567
Gamma	232	0	9	1	sub 107	-

Gamma Ray 0 api 150

CALIBRATION DATA
Jig No. 03 Value 300 @ Diam.
Jig mark shown at above value ←

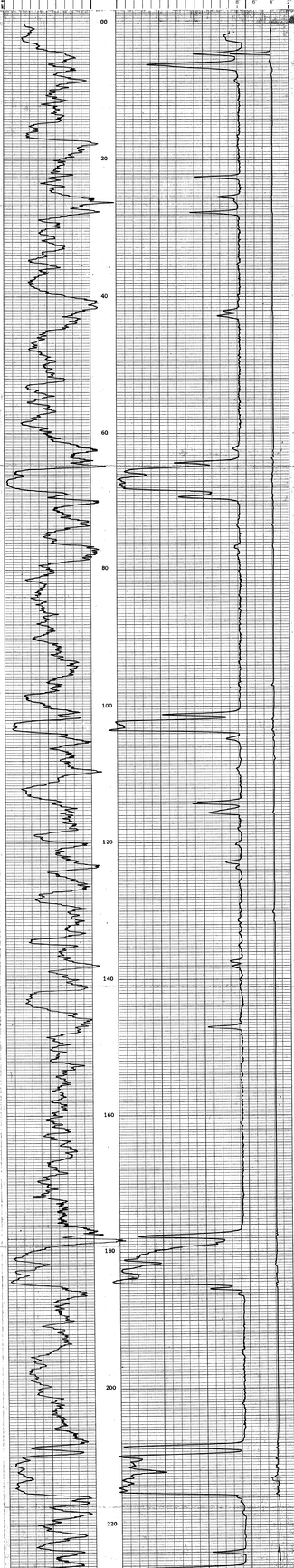
GAMMA RAY
HOLE SIZE CORRECTION

DEPTHS

Long Spacing Density 6000 sdu 0 2" 2"

CALIBRATION DATA
Jig Cal date 10/4/77 Jig value 6.85 SDU @ geo.
Jig No. 5 Span 6000 sdu NORM factor = .745
6000 SDU 0

COAL BULK DENSITY
gm/cc



0 api 150 Gamma Ray

DEPTHS

6000 sdu 0 2" 2" Long Spacing Density Caliper

COMPANY Denison Coal.
BOREHOLE #2709
FIELD Saxon.
COUNTY STATE B.C.

A Step 20104

1	1	1	1	1	1	1	1
2	2	2	2	2	2	2	2
3	3	3	3	3	3	3	3
4	4	4	4	4	4	4	4
5	5	5	5	5	5	5	5
6	6	6	6	6	6	6	6
7	7	7	7	7	7	7	7
8	8	8	8	8	8	8	8
9	9	9	9	9	9	9	9
0	0	0	0	0	0	0	0

Schlumberger

Dresser Atlas

Western Atlas International, Inc.

Gearhart Industries, Inc.

Dresser Industries, Inc.

Western Geophysical

Company: Dominion Coal

Well: Cherry Fly

Field: Damon

County: Grant, W.Va.

Date: 1-1-1-1-1-1-1-1

Run No.: 1-1-1-1-1-1-1-1

Depth Driller: 1-1-1-1-1-1-1-1

Depth Logger: 1-1-1-1-1-1-1-1

Bottom Log Interval: 1-1-1-1-1-1-1-1

Top Log Interval: 1-1-1-1-1-1-1-1

Casing Driller: 1-1-1-1-1-1-1-1 @ 1-1-1-1-1-1-1-1

Casing Logger: 1-1-1-1-1-1-1-1

Bit Size: 1-1-1-1-1-1-1-1

Type Fluid in Hole: 1-1-1-1-1-1-1-1

Dens.: 1-1-1-1-1-1-1-1 Visc.: 1-1-1-1-1-1-1-1

pH: 1-1-1-1-1-1-1-1 Fluid Loss: 1-1-1-1-1-1-1-1

Source of Sample: 1-1-1-1-1-1-1-1

Rm @ Meas. Temp.: 1-1-1-1-1-1-1-1 @ 1-1-1-1-1-1-1-1

Rmf @ Meas. Temp.: 1-1-1-1-1-1-1-1 @ 1-1-1-1-1-1-1-1

Rmc @ Meas. Temp.: 1-1-1-1-1-1-1-1 @ 1-1-1-1-1-1-1-1

Source: Rmf 1-1-1-1-1-1-1-1 Rmc 1-1-1-1-1-1-1-1

Rm @ BHT: 1-1-1-1-1-1-1-1 @ 1-1-1-1-1-1-1-1

Time Since Circ.: 1-1-1-1-1-1-1-1

Max. Rec. Temp.: 1-1-1-1-1-1-1-1

Equipment Location: 1-1-1-1-1-1-1-1

Recorded By: 1-1-1-1-1-1-1-1

Witnessed By: 1-1-1-1-1-1-1-1

Run No. 1-1-1-1-1-1-1-1

Bit No.	From	To	Size	Type	Cas. Size	Wgt.	Depth	Top
1-1-1-1	1-1-1-1	1-1-1-1	1-1-1-1	1-1-1-1	1-1-1-1	1-1-1-1	1-1-1-1	1-1-1-1

Type Log: 1-1-1-1-1-1-1-1

Type Log: 1-1-1-1-1-1-1-1

Type Log: 1-1-1-1-1-1-1-1

Type Log: 1-1-1-1-1-1-1-1

Type Log: 1-1-1-1-1-1-1-1

Type Log: 1-1-1-1-1-1-1-1

Type Log: 1-1-1-1-1-1-1-1

Type Log: 1-1-1-1-1-1-1-1

Equipment Number

Type	Serial No.	Location
Type Log: 1-1-1-1-1-1-1-1	1-1-1-1-1-1-1-1	1-1-1-1-1-1-1-1

Logging Company: Dresser Atlas
Date: 7-7-83
Run No.: 1
Depth Driller: 150
Depth Logger: 149.5
Bottom Log Interval: 149.5
Top Log Interval: 0
Casing - Driller: 8 5/8 @ 0
Casing - Logger: NONE
Bit Size: 7 7/8
Type Fluid in Hole: WATER
Density: 8.4
Viscosity: 28
Fluid Level: FULL
Max. Rec. Temp.: 70
Equipment Number: 5-2
Location: MONTICELLO, UTAH
Recorded By: D. WEST
Witnessed By: J. WEST

DRESSER ATLAS
A DIVISION OF DRESSER INDUSTRIES, INC.
P.O. BOX 1407
HOUSTON, TEXAS 77001
(713) 759-2600

Run Zero

REMARKS:
Changes in Hole Size or Additional Samples:

Date	Sample No.	Depth

Hole Changes

Type Log	Depth	Hole Size	Hole Depth

Type Fluid in Hole:

Density	Viscosity	Fluid Level

Source of Sample:

	Time	Date	Hr.
Rig Arrival			
Start Rig Down Time	20	7/8	20
Rig Down Time	20	7/8	20
Start Rig Up Time	20	7/8	20
Rig Up Time	20	7/8	20
Start Logging	21	7/8	21
Stop Logging	24	7/8	24

Equipment Failure:

Time	Date	Hr.

Equipment Used:

Type	Serial No.	Hours
C.C.L.		
N/A		

Remarks: SIDEWALL ACCOUNTABLE

Logging Data

Log	Scale	Speed	Time	Date	Hours
			Start	Finish	
Caliper	1:20	3	14:15	15:00	0:45
Gamma	1:20	3	15:15	15:45	0:30
Density	1:20	3	16:15	17:00	0:45
Gamma	1:20	3	17:15	17:45	0:30

Total Hours 2:30

Note:Gamma log affected by i.d. mouse. Gas shows starts outer 1ft.

Gamma Ray
0 API 150

Scale

Long Spacing Density
2000 mm 0.3T

Caliper
0 mm 150

CALIBRATION DATA
Jk/Ni.003 Version 0 Chan
Jk/Mark shown above shear

CALIBRATION DATA
Jk/Cs 204 224/1375 Hour 6MB100 pts
Jk/Th.005 Date 6-6800 Sc??? 20 1.7152
4000 500 0

GAMMA RAY
MAX SUS CORRECTION

COAL BULK DENSITY
2000

0 API 150
Calibration Mark 200mm
Hole Mark

Calibration Mark 200mm
Hole Mark

20
40
Water Level
60
80
100
120
140
148
Repeat Section
130
Calibration
148

Calibration Mark 200mm
Neutron-Neutron
500 CPS 1100

00
Cavity Show
20
40
Water Level
60
80
100
120
140
148
Repeat Section
130
Calibration Mark 200mm
148

Neutron-Neutron
500 CPS 1100

COMPANY: Dresser Atlas
BOREHOLE: #7312
FIELD: Cannon
COUNTY: _____ STATE: Utah

Company	Schlumberger	Date	1-Jan-2000
Well	Test Well	Time	00:00:00
Field	Test Field	Operator	Test Operator
Location	Test Location	Unit	Test Unit
Service	Test Service	Tool	Test Tool
Comment	Test Comment	Serial	Test Serial

Channel	Units	Scale	Offset
Test Channel 1	Test Units 1	1.000	0.000
Test Channel 2	Test Units 2	1.000	0.000
Test Channel 3	Test Units 3	1.000	0.000
Test Channel 4	Test Units 4	1.000	0.000
Test Channel 5	Test Units 5	1.000	0.000
Test Channel 6	Test Units 6	1.000	0.000
Test Channel 7	Test Units 7	1.000	0.000
Test Channel 8	Test Units 8	1.000	0.000

Channel	Units	Scale	Offset
Test Channel 9	Test Units 9	1.000	0.000
Test Channel 10	Test Units 10	1.000	0.000
Test Channel 11	Test Units 11	1.000	0.000
Test Channel 12	Test Units 12	1.000	0.000
Test Channel 13	Test Units 13	1.000	0.000
Test Channel 14	Test Units 14	1.000	0.000
Test Channel 15	Test Units 15	1.000	0.000
Test Channel 16	Test Units 16	1.000	0.000

Channel	Units	Scale	Offset
Test Channel 17	Test Units 17	1.000	0.000
Test Channel 18	Test Units 18	1.000	0.000
Test Channel 19	Test Units 19	1.000	0.000
Test Channel 20	Test Units 20	1.000	0.000
Test Channel 21	Test Units 21	1.000	0.000
Test Channel 22	Test Units 22	1.000	0.000
Test Channel 23	Test Units 23	1.000	0.000
Test Channel 24	Test Units 24	1.000	0.000

Channel	Units	Scale	Offset
Test Channel 25	Test Units 25	1.000	0.000
Test Channel 26	Test Units 26	1.000	0.000
Test Channel 27	Test Units 27	1.000	0.000
Test Channel 28	Test Units 28	1.000	0.000
Test Channel 29	Test Units 29	1.000	0.000
Test Channel 30	Test Units 30	1.000	0.000
Test Channel 31	Test Units 31	1.000	0.000
Test Channel 32	Test Units 32	1.000	0.000

Notes: Test Comment Notes 1 Test Comment Notes 2 Test Comment Notes 3 Test Comment Notes 4 Test Comment Notes 5 Test Comment Notes 6 Test Comment Notes 7 Test Comment Notes 8

Schlumberger

Test Tool
Test Serial

Test Operator
Test Unit

Test Comment

Test Comment

Test Comment

Schlumberger

Company	Amoco Production Company
Well	Federal 32-33-4-5
Field	Altamont
County	Duchesne
State	Utah
Other Services	DIL, CNL, GR, Caliper
Permanent Datum	Ground Level
Elevation	6100
Log Measured From	Kelly Bushing
Drilling Measured From	Kelly Bushing
Date	7-8-84
Run Number	ONE
Depth-Driller	9000
Depth-Logger	9000
Bottom Log Interval	8996
Top Log Interval	2500
Casing-Driller	8 5/8 @ 2500
Casing-Logger	NONE
Bit Size	7 7/8
Type Fluid in Hole	LIGNOSULFATE
Density	10.0
Viscosity	40
Fluid Loss	8.0
Source of Sample	FLOWLINE
Rm @ Meas. Temp.	.90 @ 75
Rmf @ Meas. Temp.	.70 @ 75
Rmc @ Meas. Temp.	.60 @ 75
Source: Rmf / Rmc	MEASURED / CALCULATED
Rm @ BHT	.35 @ 175
Time Since Circulation	6 HRS
Time Since Stop	1 HRS
Max. Rec. Temp.	175
Equipment Number	5900
Location	5 MILES WEST OF MYTON
Recorded By	J. HOLT
Witnessed By	J. MOSER

Run No.	Bit Size	Casing Driller	Casing Logger	Depth Driller	Depth Logger	Bottom Log Interval	Top Log Interval	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 Circ.	Time Since Stop	Max. Rec. Temp.
ONE	7 7/8	8 5/8 @ 2500	NONE	9000	9000	8996	2500	LIGNOSULFATE	10.0	40	8.0	FLOWLINE	.90 @ 75	.70 @ 75	.60 @ 75	MEASURED / CALCULATED	.35 @ 175	6 HRS	1 HRS	175

Equipment	Location
5900	5 MILES WEST OF MYTON

Recorded By	Witnessed By
J. HOLT	J. MOSER

CASING SIZE: 8 5/8 @ 2500 (DRILLER) 2500 (LOGGER) BIT SIZE: 7 7/8 INTERVAL: 2500 - 9000

Time	Rm	Rmf	Rmc
6 HRS	.90 @ 75	.70 @ 75	.60 @ 75
12 HRS	.90 @ 75	.70 @ 75	.60 @ 75
24 HRS	.90 @ 75	.70 @ 75	.60 @ 75
48 HRS	.90 @ 75	.70 @ 75	.60 @ 75
72 HRS	.90 @ 75	.70 @ 75	.60 @ 75

DATA NORM. LOG CHPL: DIL-SFL-GR-SP-CAL-CNL-GR

Tool	Serial No.	Position
DIL-SFL-GR-SP-CAL	1	
CNL-GR	2	

TOOL NO. 5900 EPOC TRACKING PRODUCT 1.0.0.0

CALIBRATION DATA

DIL Rmf @ 75 .90 ohm-m Rmc @ 75 .60 ohm-m Rm @ 75 .35 ohm-m

GAMMA RAY

API Units

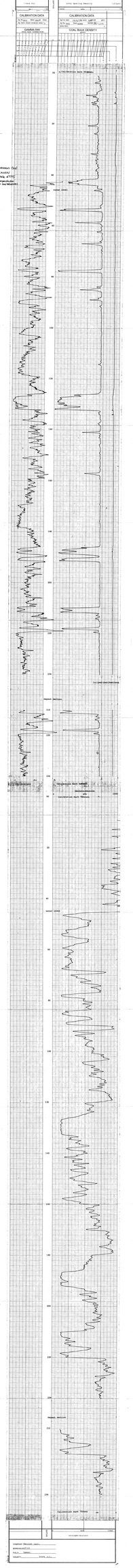
CALIBRATION DATA

SP/CAL: 20 mv/div SP: 10 mv/div CALIPER: 1" GR: 0 API Units

CNL Matrix: Sandstone Porosity: 0 % Fluid: 1.0 g/cc

COAL BULK DENSITY

Density: 1.0 g/cc Porosity: 100 %



Reproduction Dept. AMOCO Prod. Co. (Formerly Pan Am Petroleum)

Company Geologist Name:	
Approved By:	
Field Engineer:	
Comments:	Scale:

SCHLUMBERGER

Date	12-7-87		
Run No.	ONE		
Depth Driller	2800		
Depth Logger	2798		
Bottom Log Interval	2798		
Top Log Interval	0		
Casing Driller	8 5/8 @ 0		
Casing Logger	8 5/8 @ 0		
Bit Size	7 7/8		
Type Fluid in Hole	WATER		
Dens. / Visc.	8.4 / 28		
pH / Fluid Loss	10 / NC		
Source of Sample	PIT		
Rm @ Meas. Temp.	.2 @ 70		
Rmf @ Meas. Temp.	.2 @ 70		
Rmc @ Meas. Temp.	.2 @ 70		
Source: Rmf / Rmc	MEASURED / MEASURED		
Rm @ BHT	.2 @ 70		
Time Since Circ.	4 HRS		
Max. Rec. Temp.	70		
Equip. Location	8		
Recorded By	8		
Witnessed By	8		

Remarks:

Logging Tools Run Below Accelerator Sonde.
Tool Zero Checks Made Before Logging.
Tool Zero Checks Made After Logging.
Calibration Checks Made Before Logging.
Calibration Checks Made After Logging.

Equipment	Number	Location
Recorder	8	8
Induction Unit	8	8
Sonic Unit	8	8
Density Unit	8	8
Neutron Unit	8	8
Caliper Unit	8	8
Power Unit	8	8
Power Cable	8	8
Logging Cable	8	8

Tool	Serial No.	Last Calibration Date	Calibrator Used
Induction			
Sonic			
Density			
Neutron			
Caliper			

Calibrator Used: Yes / No

Calibration Method: EXTERNAL / INTERNAL

Tool	Source Strength	Serial No.	Source Type	Source Location
Density				
Neutron				

Tool	Source Strength	Serial No.	Source Type	Source Location
Density				
Neutron				

Tool	Serial No.	Last Calibration Date	Calibrator Used
Density			
Neutron			

Note Gamma Through Induction Calipers.

Gamma Ray | Caliper | Long Spacing Density

Calibration Mark 100 Units

Calibration Mark 100 Units

Calibration Mark 100 Units

Company	Dominion Oil		
Operator	Dominion Oil		
Well	Nemo		
Field			
County			
State			
Other Services			
Permanent Datum		Elev.	
Log Measured From			
Drilling Measured From			
Date			
Run No.			
Depth-Driller			
Depth-Logger			
Bottom Log Interval			
Top Log Interval			
Casing-Driller			
Casing-Logger			
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 Circ.			
Max. Rec. Temp.			
Equip. Location			
Recorded By			
Witnessed By			

Run No.	Bit No.	From	To	Size	Wt.	Type Fluid	Visc.	Pm	Pf	Mf	Chl	Fluid Loss

Type	Size	Wt.	Grade	Top	Bottom

Type	Size	Wt.	Grade	Top	Bottom

Type	Size	Wt.	Grade	Top	Bottom

Type	Size	Wt.	Grade	Top	Bottom

Remarks

Gamma Ray Neutron Density

Run 1 Gamma Ray Neutron Density

Run 2 Gamma Ray Neutron Density

Gamma Ray Neutron Density

Company Dominion Oil

Operator Dominion Oil

Well Nemo

Field

County

State

Other Services

Permanent Datum Elev.

Log Measured From

Drilling Measured From

Date

Run No.

Depth-Driller

Depth-Logger

Bottom Log Interval

Top Log Interval

Casing-Driller

Casing-Logger

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 Circ.

Max. Rec. Temp.

Equip. Location

Recorded By

Witnessed By

fig Saxon 7/7/76

COMPANY	Dension Coal.
BOREHOLE	#7714
STATE	B.C. COUNTRY Canada
Permanent Datum	Elev.
Log measured from	above P.D.
Drill measured from	above P.D.

Saxon Area, Line Somerset, Canada-British Columbia, Caliper.

fold here

REMARKS

Changes in Mud Type or Additional Samples

Date	Sample No.	Depth - Drillers	Type Fluid in Hole

Date Visc. gls Fluid Loss ml

Source of Sample

Rm @ Meas Temp.	@ °F	@ °F	@ °F
Rmf @ Meas Temp.	@ °F	@ °F	@ °F
Rmc @ Meas Temp.	@ °F	@ °F	@ °F
Source: Rmf / Rmc			
Rm @ BHT	@ °F	@ °F	@ °F
Rmf @ BHT	@ °F	@ °F	@ °F
Rmc @ BHT	@ °F	@ °F	@ °F

Date	Run No.	Depth Driller	Depth Logger	Bottom Log Interval	Top Log Interval	Casing Size	Casing Depth	Bit Size	Type Fluid in Hole	Density	Viscosity	pH	Fluid Loss	Source of Sample	Rm @ Meas. Temp.	Rmf @ Meas. Temp.	Rmc @ Meas. Temp.	Rm @ BHT	Rmf @ BHT	Rmc @ BHT	Max. Rec. Temp.	Equipment Location
7/7/76	1	7/7/76																				
7/7/76	2	7/7/76																				

Type Log

Run No.	Tool Type	Tool Position	Other
1	C_1C_2	Sidewall	
2	N-N	eccentralized	

Equipment Data

Scale Changers

Type Log	Depth	Scale up	Scale down

Logging Data

Log	Depths From	Depths To	Speed ft/min	T.C. time const.	Norm	Norm-ed	Source Number
Caliper	60	0	9	0.3	out	107	-
L.S.D.	60	0	9	0.3	.745	107	k=5567
Gamma	60	0	9	1	out	107	-
N-N	60	0	9	1	.702	9	k=1960

Gamma Ray

0 api 150

CALIBRATION DATA

Jig No. 005 Value 150 Diam.

Jig mark shown at above value = 1

GAMMA RAY

HOLE SIZE CORRECTION

DEPTHS

Long Spacing Density — Caliper

6000 sdu 0 7" 4"

CALIBRATION DATA

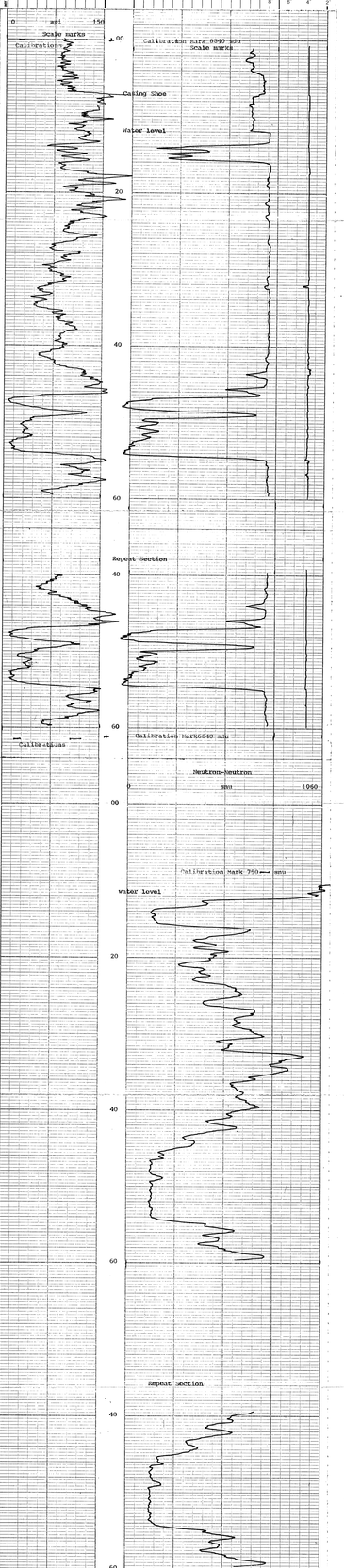
Jig Cal date Jig value 6.6 6000 gcc

Jig No. 005 Span 6000-0 NORM 1.745

6000 SDU 0

COAL BULK DENSITY

gm/cc



DEPTHS

0 mm 1960

Neutron-Neutron.

COMPANY Dension Coal.

BOREHOLE #7714

FIELD Saxon

COUNTY STATE B.C.

| | | |

COMPANY	[illegible]
WELL	[illegible]
FIELD	[illegible]
COUNTY	[illegible]
STATE	[illegible]
LOCATION	[illegible]
API NUMBER	[illegible]
OTHER SERVICES	[illegible]
PERMANENT DATUM	[illegible]
LOG MEASURED FROM	[illegible]
DRILLING MEASURED FROM	[illegible]
ELEVATION	[illegible]
DATE	[illegible]
RUN NO.	[illegible]
DEPTH-DRILLER	[illegible]
DEPTH-LOGGER	[illegible]
BTM. LOG INTERVAL	[illegible]
TOP LOG INTERVAL	[illegible]
CASING-DRILLER	[illegible]
CASING-LOGGER	[illegible]
BIT SIZE	[illegible]
TYPE FLUID IN HOLE	[illegible]
DENSITY / VISCOSITY	[illegible]
PH / FLUID LOSS	[illegible]
SOURCE OF SAMPLE	[illegible]
RM @ MEAS. TEMP.	[illegible]
RMF @ MEAS. TEMP.	[illegible]
RMC @ MEAS. TEMP.	[illegible]
SOURCE RMF / RMC	[illegible]
RM @ BHT	[illegible]
TIME SINCE CIRC.	[illegible]
TIME SINCE STOP	[illegible]
MAX. REC. TEMP.	[illegible]
EQUIP. LOCATION	[illegible]
RECORDED BY	[illegible]
WITNESSED BY	[illegible]

RUN NO.	[illegible]
BIT NO.	[illegible]
TYPE	[illegible]
SIZE	[illegible]
FROM	[illegible]
TO	[illegible]
HOLE	[illegible]
WEIGHT	[illegible]
TYPE	[illegible]
FROM	[illegible]
TO	[illegible]
SIZE	[illegible]
WEIGHT	[illegible]
GRADE	[illegible]
FROM	[illegible]
TO	[illegible]
TYPE	[illegible]
WEIGHT	[illegible]
GRADE	[illegible]
FROM	[illegible]
TO	[illegible]
TYPE	[illegible]
SIZE	[illegible]
FROM	[illegible]
TO	[illegible]
TYPE	[illegible]
SIZE	[illegible]
FROM	[illegible]
TO	[illegible]

TOOL NO.	[illegible]
TYPE	[illegible]
SIZE	[illegible]
DENSITY	[illegible]
VISCOSITY	[illegible]
PH	[illegible]
FLUID LOSS	[illegible]
SOURCE	[illegible]
RESISTIVITY	[illegible]
TEMPERATURE	[illegible]
RESISTIVITY	[illegible]
TEMPERATURE	[illegible]
RESISTIVITY	[illegible]
TEMPERATURE	[illegible]
RESISTIVITY	[illegible]
TEMPERATURE	[illegible]
RESISTIVITY	[illegible]
TEMPERATURE	[illegible]
RESISTIVITY	[illegible]
TEMPERATURE	[illegible]

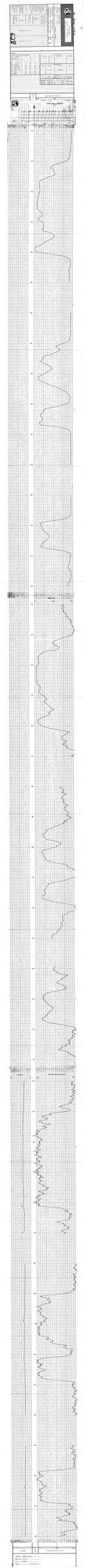
DUAL INDUCTION SFL
COMPENSATED NEUTRON
COMPENSATED DENSITY

COMPANY	[illegible]
WELL	[illegible]
FIELD	[illegible]
COUNTY	[illegible]
STATE	[illegible]
LOCATION	[illegible]
API NUMBER	[illegible]
OTHER SERVICES	[illegible]
PERMANENT DATUM	[illegible]
LOG MEASURED FROM	[illegible]
DRILLING MEASURED FROM	[illegible]
ELEVATION	[illegible]
DATE	[illegible]
RUN NO.	[illegible]
DEPTH-DRILLER	[illegible]
DEPTH-LOGGER	[illegible]
BTM. LOG INTERVAL	[illegible]
TOP LOG INTERVAL	[illegible]
CASING-DRILLER	[illegible]
CASING-LOGGER	[illegible]
BIT SIZE	[illegible]
TYPE FLUID IN HOLE	[illegible]
DENSITY / VISCOSITY	[illegible]
PH / FLUID LOSS	[illegible]
SOURCE OF SAMPLE	[illegible]
RM @ MEAS. TEMP.	[illegible]
RMF @ MEAS. TEMP.	[illegible]
RMC @ MEAS. TEMP.	[illegible]
SOURCE RMF / RMC	[illegible]
RM @ BHT	[illegible]
TIME SINCE CIRC.	[illegible]
TIME SINCE STOP	[illegible]
MAX. REC. TEMP.	[illegible]
EQUIP. LOCATION	[illegible]
RECORDED BY	[illegible]
WITNESSED BY	[illegible]

RUN NO.	[illegible]
BIT NO.	[illegible]
TYPE	[illegible]
SIZE	[illegible]
FROM	[illegible]
TO	[illegible]
HOLE	[illegible]
WEIGHT	[illegible]
TYPE	[illegible]
FROM	[illegible]
TO	[illegible]
SIZE	[illegible]
WEIGHT	[illegible]
GRADE	[illegible]
FROM	[illegible]
TO	[illegible]
TYPE	[illegible]
WEIGHT	[illegible]
GRADE	[illegible]
FROM	[illegible]
TO	[illegible]
TYPE	[illegible]
SIZE	[illegible]
FROM	[illegible]
TO	[illegible]
TYPE	[illegible]
SIZE	[illegible]
FROM	[illegible]
TO	[illegible]

TOOL NO.	[illegible]
TYPE	[illegible]
SIZE	[illegible]
DENSITY	[illegible]
VISCOSITY	[illegible]
PH	[illegible]
FLUID LOSS	[illegible]
SOURCE	[illegible]
RESISTIVITY	[illegible]
TEMPERATURE	[illegible]
RESISTIVITY	[illegible]
TEMPERATURE	[illegible]
RESISTIVITY	[illegible]
TEMPERATURE	[illegible]
RESISTIVITY	[illegible]
TEMPERATURE	[illegible]
RESISTIVITY	[illegible]
TEMPERATURE	[illegible]
RESISTIVITY	[illegible]
TEMPERATURE	[illegible]

DUAL INDUCTION SFL
COMPENSATED NEUTRON
COMPENSATED DENSITY



COMPANY	[illegible]
WELL	[illegible]
FIELD	[illegible]
COUNTY	[illegible]
STATE	[illegible]

Pb Zn Cu Ag

| | | |