SCHLUMBERGER

DUAL INDUCTION SPHERICALLY FOCUSED LOG

DIFL-SFL

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

Permanent Datum:	Elevation:	Log Measured From:	Drilling Measured From:
[illegible]	[illegible]	[illegible]	[illegible]

Run No.	Date	Depth Driller	Depth Logger	Bottom Log Interval	Top Log Interval	Casing Driller	Casing Logger	Bit Size
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Type Fluid in Hole	Density	Viscosity	pH	Fluid Loss	Source of Sample	Rm @ Meas. Temp.	Rmf @ Meas. Temp.	Rmc @ Meas. Temp.	Source Rmf / Rmc
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Time Since Circulation	Time Since Logged Interval	Max. Rec. Temp.	Equipment Location	Recorded By	Witnessed By
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Run No.	Tool Type	Tool No.	Pad Size	Pad Type	Tool Position
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Run No.	Max. Rec. Temp.	Equipment Location	Recorded By	Witnessed By
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Run No.	Bottom Log Interval	Top Log Interval	Number of Runs
[illegible]	[illegible]	[illegible]	[illegible]

Run No.	Time	Size	Depth	Type
[illegible]

ROKE

FOCUSED BEAM LOG

OIL ENTERPRISES LTD. CALGARY, ALBERTA

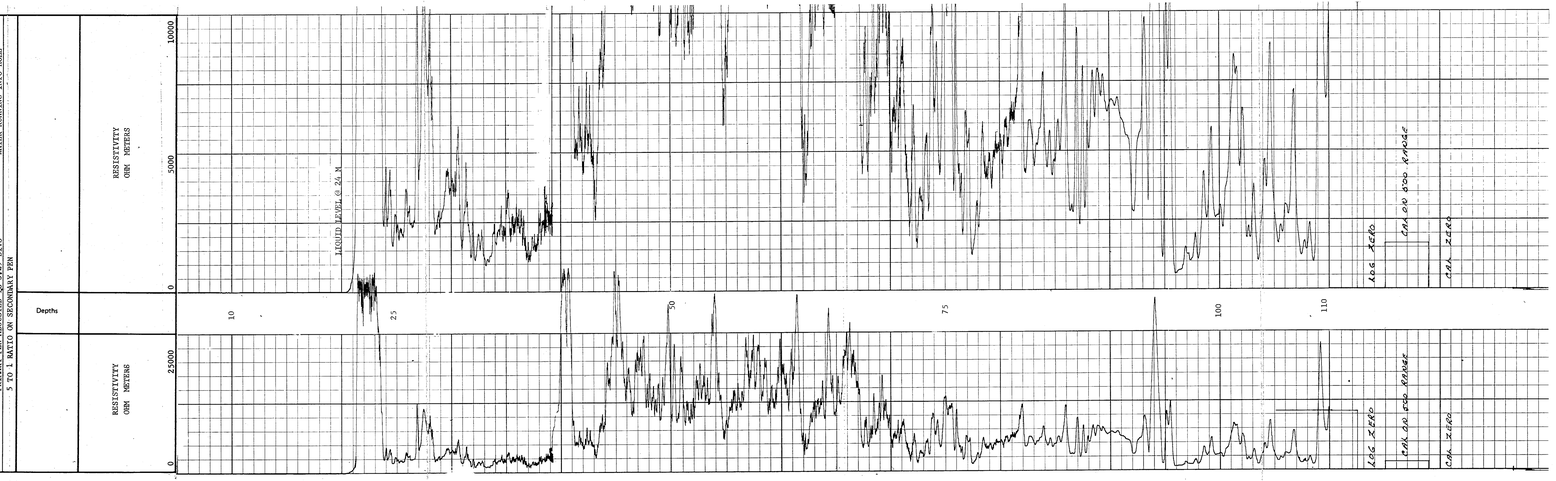
FILE NO.	
LSD	
SEC	
TWP	
RGE	
W M	
COMPANY	DENISON COAL LIMITED
WELL	QSD - 7751 -
LOCATION	
FIELD	BABCOCK MOUNTAIN
PROVINCE	BRITISH COLUMBIA
Other Services:	GR, DENS- CAL
Permanent Datum	GROUND LEVEL Elev.
Log Measured from	TOP OF CASING 43 CM Above Perm. Datum
Well Depths Measured from	RIG FLOOR
K.B.	
CSG	
G.L.	
	METRIC

Run. No.	ONE		
Date	30 OCT 1977		
First Reading	110M		
Last Reading	24		
Footage Logged	86		
Depth Reached	111		
Depth Driller			
Casing Roke	11		
Casing Driller			
Fluid Type	WATER		
Liquid Level	24		
Min. Diam.	HQ		
Rm @ °C	20.00 @ 25		
Operating Time	40 MIN		
Truck No.	36		

Recorded By CARLSON - Witnessed By PALLOKS

Remarks

SONDE GEOMETRIC FACTOR .329 PROTO TYPE III DEMONSTRATION LOG
GROUND FEEL READING 43.2000
CHANGE FILTERS TO 24 DECIBELS
5 TO 1 RATIO ON SECONDARY PEN
WATER RUNNING INTO HOLE



SCHLUMBERGER

Dresser Atlas

Dual Induction Focused Log

Dual Induction Focused Log Gamma Ray

Borehole Compensated Sonic Log Gamma Ray

Compensated Neutron Formation Density Log Gamma Ray

Dual Spacing Neutron Log

Cement Bond Log Variable Density Log Gamma Ray

Cement Bond Log Gamma Ray

Cement Bond Log Variable Density Log

Cement Bond Log

Cement Bond Log Gamma Ray Collar Locator

Cement Bond Log Collar Locator

Cement Bond Log Variable Density Log Collar Locator

Cement Bond Log Variable Density Log Gamma Ray Collar Locator

Cement Bond Log Variable Density Log Gamma Ray

Cement Bond Log Variable Density Log Gamma Ray Collar Locator

Cement Bond Log Variable Density Log Collar Locator

Cement Bond Log Variable Density Log Gamma Ray Collar Locator

**Cement Bond Log Variable Density Log Gamma Ray

THE NEW YORK TIMES, SUNDAY, JUNE 17, 1990

Bill Cosby's Fall From Grace

By Ralph Blumenthal

Bill Cosby, the comedian and actor who has been the nation's most popular black entertainer and a leading spokesman against drug abuse, was charged with sexual assault yesterday in a complaint by a woman who said he had drugged her and fondled her in his home last January.

The charge was made in a complaint filed by a woman who said she was a friend of Mr. Cosby's daughter and had been his guest at his home in Elkins Park, Pa., near Philadelphia, on January 9 when he gave her three pills that made her dizzy and then fondled her breasts and genitals while she was unable to move.

The woman, who was not identified, said she had been a guest at the home for a few days and was preparing to leave when Mr. Cosby invited her into his home office for a chat. She said he had given her three pills and she had thought they were Quaaludes, a sedative. She said she had been unable to move or speak and had fallen into a deep sleep.

The woman said she had been awakened by Mr. Cosby fondling her breasts and genitals and had been unable to move or speak for several hours. She said she had left the next morning and had told her mother and her boyfriend, who had been her escort, about the incident.

The woman

ROKE — SCHLUMBERGER

SIDEWALL DENSILOG · CALIPER

"OIL ENTERPRISES LTD."

CALGARY, ALBERTA

COMPANY: "OIL ENTERPRISES LTD."
WELL: DEVON (OIL) LIMITED
FIELD: BOUNDARY
COUNTY: MOOSE MOUNTAIN
PROVINCE: SASKATCHEWAN
LOCATION: SEC. 26 TWP. 7 RGE. 31 W 2 M
Other Services: Gamma Ray
Elev.: K.B. 1115 D.F. G.L.
Permanent Datum: GROUND LEVEL
Log Measured From: 10 FT. ABOVE PERM. DATUM
Drilling Measured From: K.B.
Date: 30 OCT 1977
Run No.: ONE
Depth-Driller: 33
Depth-Logger: 31
Bottom Log Interval: 31
Top Log Interval: SURFACE
Casing-Driller: 9 5/8 @ 33
Casing-Logger: 33
Bit Size: 8 3/4
Type Fluid in Hole: GEL CHEM
Dens.: 9.0
Visc.: 50
Fluid Level: FULL
Max. Rec. Temp.: 90
Equipment No.: 2
Location: 3 MILE N. OF
Recorded By: GRAYDON
Witnessed By: PEGLAR

RUN NO.	GENERAL DATE	GENERAL DEPTH-DRILLER	GENERAL DEPTH-LOGGER	GENERAL BTM LOG INTERVAL	GENERAL TYPE FLUID IN HOLE	GENERAL DENS.	GENERAL VISC.	GAMMA RAY ZERO SETTINGS	GAMMA RAY ZERO DIV. OR A.	GAMMA RAY API UNITS DIV. OR B.	SIDEWALL DENSILOG FULL REC.	SIDEWALL DENSILOG ZERO SETTINGS	SIDEWALL DENSILOG ZERO DIV. OR A.	SIDEWALL DENSILOG API UNITS DIV. OR B.
1	0	110	3.5	4	100	0	10				3	1000	2.73	79.16
2	0	110	3.5											
3	0	110												

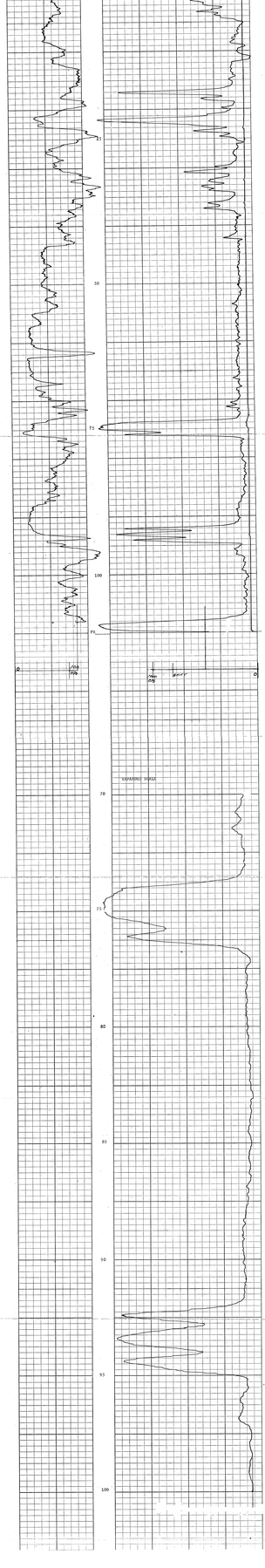
CASING

DEV SUR 2@33 IN = 110 M

REMARKS: DENS TOOL # 333
GR TOOL # 315-002
GAM TOOL # 340

DEMONSTRATION LOG

SILVER SURVEYING TAPED HERE



ROKE

FOCUSED BEAM LOG

OIL ENTERPRISES LTD. CALGARY, ALBERTA

FILE NO.
LSD
SEC
TWP
RGE
W. M

COMPANY DENISON COAL LIMITED

WELL QBD - 7752

LOCATION

FIELD BABCOCK MOUNTAIN

PROVINCE BRITISH COLUMBIA

Other Services: GR, DENS, CAL

Permanent Datum GROUND LEVEL Elev.

Log Measured from TOP OF CASING 26 CM Above Perm. Datum

Well Depths Measured from RIG FLOOR

K.B.
CSG
G.L.

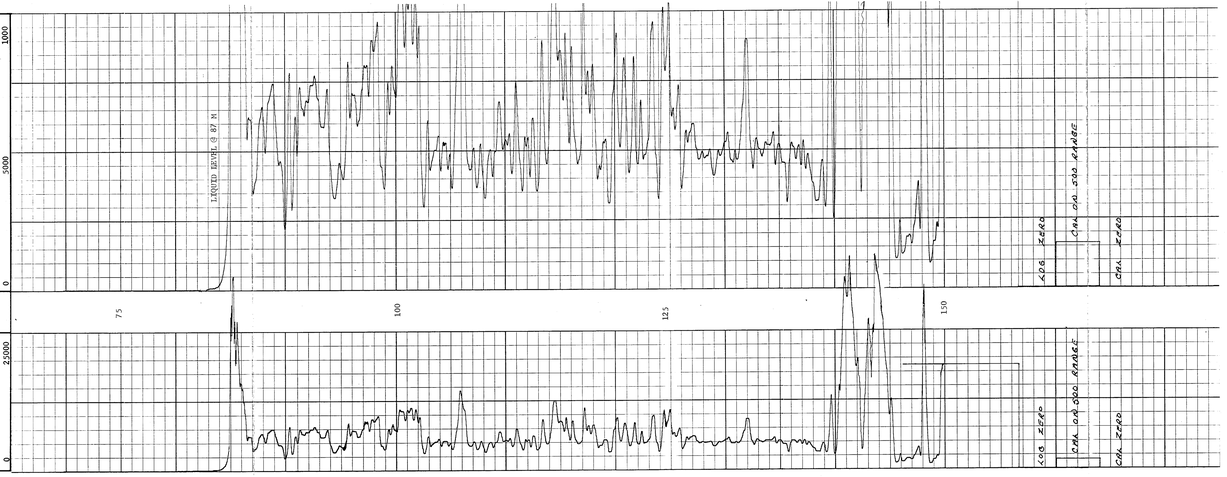
METRIC

Run. No.	ONE		
Date	30 OCT 1977		
First Reading	150 M		
Last Reading	87		
Footage Logged	63		
Depth Reached	151		
Depth Driller			
Casing Roke	8		
Casing Driller			
Fluid Type	WATER		
Liquid Level	87		
Min. Diam.	HQ		
Rm @ °C	62.50 @ 25		
Operating Time	45 MIN		
Truck No.	36		

Recorded By CARLSON Witnessed By PALLOKS

Remarks

SONDE GEOMETRIC FACTOR .329, PROTO TYPE III
DEMONSTRATION LOG
GROUND ESTIM. READING - 150 OHMS
PRIMARY PW ADJUSTED TO 3.429 DAYS
5 TO 1 RATIO ON SECONDARY PEN



ROKE

SIDEWALL DENSILOG
CALIPER

OIL ENTERPRISES LTD.
CALGARY, ALBERTA

FILE NO.
PAGE
OF
SCALE
DATE

COMPANY: SPERRY-SUN (WELL SERVICES)

WELL: 100 - 7722

LOCATION:

FIELD: MAYNOR WONDER

PROVINCE: WESTERN CANADA

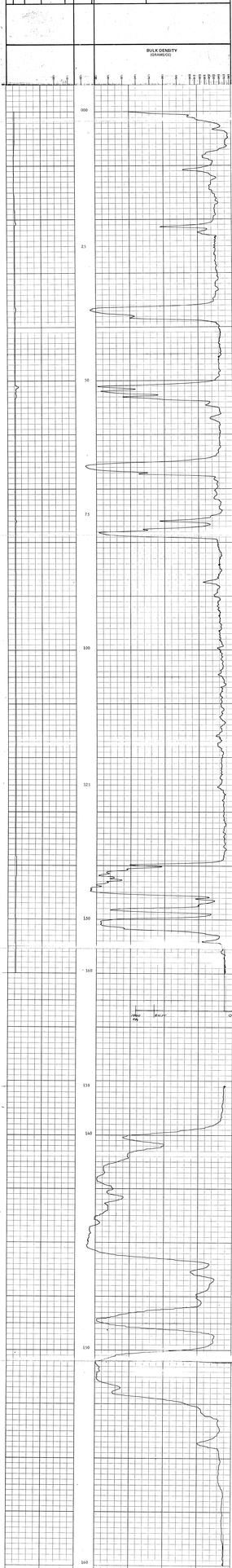
Permanent Datum: Log Measured From: Drilling Measured From:
Elev. Perm. Datum: Elev. Log Meas. Datum: Elev. Drill. Meas. Datum:

Date Reading
Time Reading
Depth Reading
Logged Interval
Drilling Interval
Depth Driller
Depth Logger
Casing Driller
Casing Logger
Bit Size
Type Fluid in Hole
Viscosity
Density
Fluid Loss
Source of Sample
Rm @ Measured Temp.
Rmf @ Measured Temp.
Rmc @ Measured Temp.
Source Rmf/Rmc
Rm @ BHT
Time Since Circ.
Max. Rec. Temp. Deg. F.
Equipment Location
Recorded By
Witnessed By

Date Reading	
Time Reading	
Depth Reading	
Logged Interval	
Drilling Interval	
Depth Driller	
Depth Logger	
Casing Driller	
Casing Logger	
Bit Size	8
Type Fluid in Hole	GEL CHEM
Viscosity	37
Density	10.2
Fluid Loss	8.4
Source of Sample	FLOWLINE
Rm @ Measured Temp.	.200 @ 67
Rmf @ Measured Temp.	.150 @ 67
Rmc @ Measured Temp.	.300 @ 67
Source Rmf/Rmc	MEASURED
Rm @ BHT	.100 @ 150
Time Since Circ.	8 HRS
Max. Rec. Temp. Deg. F.	150
Equipment Location	8 MILES
Recorded By	GRAYSON
Witnessed By	TOLLEFSON

GENERAL				GAMMA RAY				SIDEWALL DENSILOG			
RUN NO.	CASING FROM	TO	SPACE NO. HOLE	T.C. SETTINGS	ZERO DIAL DIV.	API-G.R. UNITS PER DIAL DIV.		T.C. SETTINGS	ZERO DIAL DIV.	ZERO DIV.	CPM DIV
1	0	160	7.66					3	1000	2.75	70.39
2	0	160		CALIPER							
				SEND EOV POWER 138 W 160 M							

REMARKS: SEND TOOL # 333 DEMONSTRATOR LOG
OAL TOOL # 307



ROKE

GAMMA RAY NEUTRON LOG

OIL ENTERPRISES LTD. CALGARY, ALBERTA

LTD. SEC. TWP. RGE. M.

FILE NO.

COMPANY BRITISH OIL LIMITED

WELL OIB - 7725

FIELD

LOCATION BADGER INTERFIELD

PROVINCE BRITISH COLUMBIA

Elev. Reference Point: KB

Elev. Depths Measured From: KB

DATE OF LOGGING: 26 Oct. 1976

RUN TWOR

Other Services: NONE

Elev. Reporting: KB 1377

Last Reading: 1000 1377

Log Measured From: KB 1.5 ABOVE

Depth Reading: 160

Casing Size: 8

Casing Depth: 87

Casing Cutter: 87

Liquid Level: SATED

Max. Temp.

Rig: W "Fy"

Equipment Number

Truck No. 36

Operating Time: 1 HOURS 30 MIN

Recorded By: OMSTEAD

Witnessed By: MALFORD

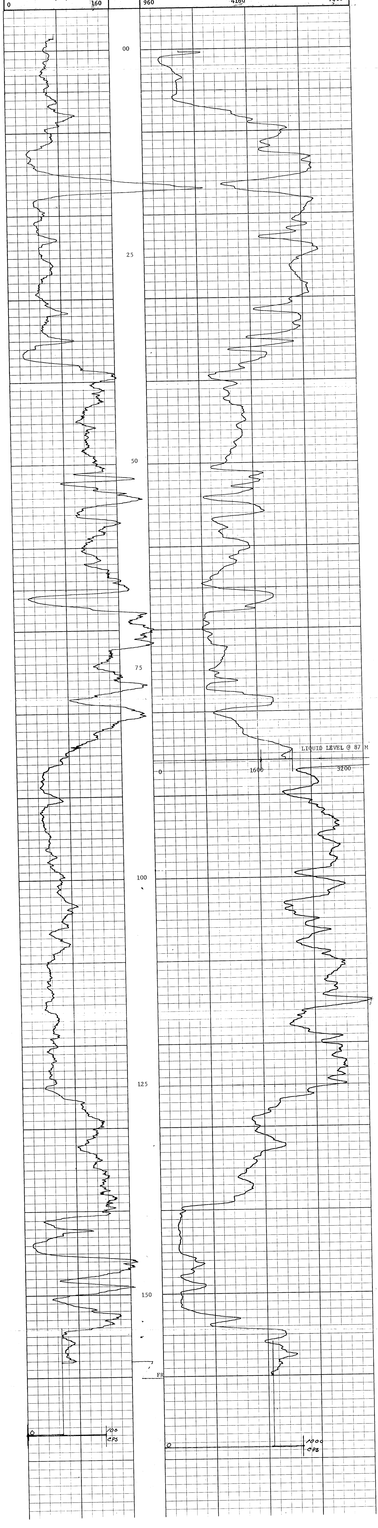
EQUIPMENT DATA

GAMMA RAY		NEUTRON	
RUN NO.	ONE	RUN NO.	ONE
TOOL MODEL NO.		LOG TYPE	NEUTRON/NEUTRON
GAMMA SER	32 MM	TOOL MODEL NO.	
DETECTOR MODEL NO.		DIAMETER	32 MM
TYPE	SCINTILLATION	DETECTOR MODEL NO.	
LENGTH	10.16 CM	TYPE	PROPORTIONAL
DISTANCE TO N. SOURCE	2.05 M	LENGTH	15.24 CM
GENERAL		SOURCE MODEL NO.	MRC-N-SEW
HOIST TRUCK NO.	36	SERIAL NO.	171
INSTRUMENT TRUCK NO.	36	SPACING	43.18 CM
TOOL SERIAL NO.	125 - 002	TYPE	AmBe
		STRENGTH	3 CURIES

LOGGING DATA

GENERAL						GAMMA RAY				NEUTRON			
RUN	GREENS		SPEED	T.C.	SENS	ZERO	API G. R. UNITS	T. C.	SENS	ZERO	API N. UNITS
NO.	FROM	TO	MMIN	SEC.	SETTINGS	DIV. L OR R	PER LOG DIV.	SEC.	SETTINGS	DIV. L OR R	PER LOG DIV.
1	0	86	3.66	4	100	0	16	3	1000	31	320
2	86	160	3.66	4	100	0	16	3	500	0	160

REMARKS DEMONSTRATION HOLE



Company	Pacific Power & Light Co.	Date	1-8-80
Well	Dave Johnston #1	Run	1
Field	Dave Johnston	Depth	1000
County	Converse	Time	1:00
State	Wyoming	Operator	Bill

Company	Pacific Power & Light Co.	Date	1-8-80
Well	Dave Johnston #1	Run	1
Field	Dave Johnston	Depth	1000
County	Converse	Time	1:00
State	Wyoming	Operator	Bill

Log Measured From	Kelly Bushing	6 Above Perm. Datum		Elev. Perm. Datum	Elevation
Drilling Measured From	Kelly Bushing			Elev. K.B.	
Date	1-8-80			Elev. D.F.	
Run Number	1			Elev. G.L.	
Depth-Driller	1000				
Depth-Logger	1000				
Bottom Log Interval	1000				
Top Log Interval	0				
Casing-Driller	8	@	0		
Casing-Logger	8				
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					

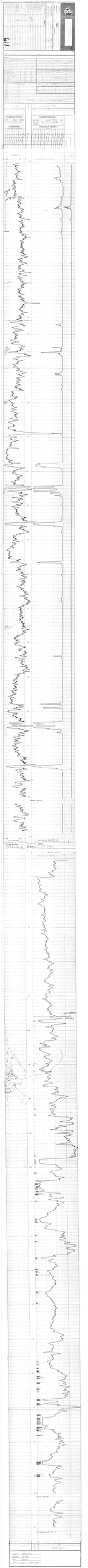
Run No.	Bit Size	Depth Drilled	Cumulative Footage
1	7 7/8	1000	1000

Type Log	Interval	Scale	Time
Gamma Ray	0-1000	5"	1:00
Caliper	0-1000	5"	1:00
Density	0-1000	5"	1:00

Gamma Ray Microrem/hr Density in Grams/cc

Equipment	7500	Location	Casper
Recorded By	Bill	Witnessed By	

Run No.	Date	Time	Depth Driller
1	1-8-80	1:00	1000


CALIBRATION
CALIBRATION
CALIBRATION

CALIBRATION DATA

Adj No. ____ Value ____ @ Elev. ____

Adj Meas Value at above elev. ____

TSN

GAMMA RAY

CONTROL DIMENSION

611

ROCKWELL

Calibration

Calibration