WELL STATION IDENTIFICATION

FORM RP-37 – Rev. 10/78

(COMPLETE THIS FORM ONLY FOR THE INITIAL SURVEY OF EACH WELL)

WELL LOCATION CARD ONE

1 STATION I. D.	10 SURVEY DATE	16 A C	17 CARD	20 WELL NO.	37 COUNTY	54 LAT DEG	57 LAT MIN	59 LAT SEC	63 LON DEG	66 LON MIN	68 LON SEC
099000029	10879		W11	PB-1103	PALM BEACH CO.	026	30	05.00	080	10	16.00

WELL LOCATION CARD TWO

1 STATION I. D.	SURVEY DATE	A C	17 CARD	20 QUARTERSECTIONS	37 SEC	39 TOWNSHIP	42 RANGE	45 WATER MANAGEMENT DISTRICT PLANNING AREA
			W12	SW1/4;SW1/4;SW1/4	33	46	42	LOWER EAST COAST

WELL DATUM CARD

1 STATION I. D.	SURVEY DATE	A C	17 CARD	20 KELLY BUSHING (FEET)	26 LAND SURFACE (FT)	32 TOP OF CASING (FT)	38 OTHER (FT) (SEE NOTES)	44 DATUM (CHECK ONE)
			W21		0.0			MSL-_;LS-X;TOC-_

WELL OWNERSHIP CARD

1 STATION I. D.	SURVEY DATE	A C	17 CARD	20 NAME OF OWNER	37 GROVE/PROPERTY NAME	54 AREA CODE	57 TELEPHONE	64 WELL USE
			W31	USGS		305		MONITOR

WELL ORIGIN CARD

1 STATION I. D.	SURVEY DATE	A C	17 CARD	20 DRILLER/ DRILLING COMPANY	37 OFFICE OF DRILLER (CITY)	54 DRILLING METHOD	71 DATE COMPLETED
			W41	SFWMD	PALM BEACH CO.	ROTARY	10879

NOTES: COLUMNS 1-16 ARE DUPLICATED IN EACH CARD.
COLUMN 16 IS AN ACTION CODE WITH THE FOLLOWING PERMISSABLE STATES - 1 (CREATE NEW RECORD).
2 (CHANGE ALL VALUES). OR 9 (DELETE OLD RECORD).

Jane

WELL STATION IDENTIFICATION

FORM RP-38 - Rev. 10/78

(COMPLETE THIS FORM ONLY FOR THE INITIAL SURVEY OF EACH WELL)

WELL DESCRIPTION - CONSTRUCTION CARD ONE

1 STATION I. D.	10 SURVEY DATE	16 ACT	20 CARD	27 TOTAL DEPTH -DRILLER (FT)	34 TOTAL DEPTH -LOGGER (FT)	41 CASING DEPTH -DRILLER (FT)	48 CASING DEPTH -LOGGER (FT)	54 CASING I.D. (INCHES)	59 BIT SIZE (INCHES)	68 DRILLER LOG AVAIL.
0,9,9,0,0,0,2,9	1,0,0,8,7,9		W,5,1	2,4,0	2,4,0	1,1,0	1,2	2,0	5,2	YES -, X NO -

WELL DESCRIPTION - CONSTRUCTION CARD TWO

1 STATION I. D.	SURVEY DATE	ACT	17 CARD	20 TYPE OF SCREEN	37 TYPE OF PACKING	54 DIA. OF SCREEN	59 SLOT SIZE (INCHES)	64 SCREEN BEGINS	69 SCREEN ENDS (FT)	73
			W,5,2	N C	RUBBER	2,0	,6,0	1,1,0	1,2,0	

WELL DESCRIPTION - CONFIGURATION CARD. SECTION ONE (TOP)

1 STATION I. D.	SURVEY DATE	ACT	17 CARD	20 SEC	22 TYPE OF CASING	39 NOM. DIA. (INCHES)	44 BEGIN DEPTH	49 END DEPTH (FEET)	54 THICKNESS (INCHES)	59 TYPE OF ANNULUS FILL	75
			W,6,1	0,	P,V,C	2,0	0	1,1,0	,0,3		

WELL DESCRIPTION - CONFIGURATION CARD. SECTION TWO

1 STATION I. D.	SURVEY DATE	ACT	17 CARD	20 SEC	22 TYPE OF CASING	39 NOM. DIA. (INCHES)	44 BEGIN DEPTH	49 END DEPTH (FEET)	54 THICKNESS (INCHES)	59 TYPE OF ANNULUS FILL	75
			W,6,2	0,2							

WELL DESCRIPTION - CONFIGURATION CARD. SECTION THREE

1 STATION I. D.	SURVEY DATE	ACT	17 CARD	20 SEC	22 TYPE OF CASING	39 NOM. DIA. (INCHES)	44 BEGIN DEPTH	49 END DEPTH (FEET)	54 THICKNESS (INCHES)	59 TYPE OF ANNULUS FILL	75
			W,6,3	0,3							

NOTES: COLUMNS 1-16 ARE DUPLICATED IN EACH CARD.
COLUMN 16 IS AN ACTION CODE WITH THE FOLLOWING PERMISSABLE STATES - 1 (CREATE NEW RECORD), 2 (CHANGE ALL VALUES). OR 9 (DELETE OLD RECORD).
CARD TYPES <W64>, <W65>, ..., <W69> MAY ALSO BE USED TO PROVIDE DATA FOR A TOTAL OF NINE SECTIONS.

WELL SURVEY REPORT

FORM RP-39 -- Rev. 10/78

(USE ONE FORM/DAY/WELL)

SURVEY CARD

1 STATION I. D.	10 SURVEY DATE	16 A C	CARD	20 LOGGED BY	37 WITNESSED BY	54 A	56 B	58 C	D	E	60 F	G	62 H	I	64 J	K	66 L	M	68 N	70 O	P	72 Q	R	S	T
0,9,9,0,0,0,2,9	1,0,0,8,7,9		W,7,1	ANDERSON	DEAN	X		X	X	X	X							X							

*INSERT AN <X> IN EACH COLUMN FOR WHICH A SURVEY WAS CONDUCTED. SURVEY CODES ARE LISTED BELOW:

A = CALIPER
B = FLOWMETER
C = 16-INCH NORMAL RESISTIVITY
D = 64-INCH NORMAL RESISTIVITY
E = NEUTRON POROSITY
F = NATURAL GAMMA
G = FLUID RESISTIVITY
H = GAMMA GAMMA DENSITY
I = CASING COLLAR LOCATOR
J = FLUID SAMPLER
K = TEMPERATURE GRADIENT
L = DELTA TEMPERATURE
M = SPONTANEOUS POTENTIAL
N = POINT RESISTANCE
O = 6-FOOT LATERAL RESISTIVITY

FLUID QUALITY CARD ONE

1 STATION I. D.	SURVEY DATE	A C	17 CARD	20 SAMPLE SOURCE (WELLHEAD, ETC.)	37 TYPE FLUID	54 DATE SAMPLED	60 TIME SAMPLED	63
			W,8,1	OPEN HOLE	DRILL MUD	1,0,0,8,7,9	1,1,3,0	

FLUID QUALITY CARD TWO

1 STATION I. D.	SURVEY DATE	A C	17 CARD	20 TEMP. OF SAMPLE	25 C F	FIELD SP. GRAVITY	32 FIELD PH	35 CHLORIDE (MG/L)	41 DISSOLVED SOLIDS	47 SPEC. COND. (U-MHO/CM)	53 STATIC WATER LEVEL (FEET)	60 W/L REF FROM	64 FLOW RATE (GAL/MIN)	70 PUMP RATE (GAL/MIN)	75
			W,8,2	84,80°F						9,193					

COMMENT CARDS

1 STATION I. D.	SURVEY DATE	A C	17 CARD	20 COMMENTS - LINE 1	40 COMMENTS - LINE 2	60 COMMENTS - LINE 3	76
			W,9,1	OPEN HOLE - LOGGED			

1 STATION I. D.	SURVEY DATE	A C	17 CARD	20 COMMENTS - LINE 4	40 COMMENTS - LINE 5	60 COMMENTS - LINE 6	76
			W,9,2				

NOTES: COLUMNS 1-16 ARE DUPLICATED IN EACH CARD.
COLUMN 16 IS AN ACTION CODE WITH THE FOLLOWING PERMISSABLE STATES - 1 (CREATE NEW RECORD).
2 (CHANGE ALL VALUES). OR 9 (DELETE OLD RECORD).
CARD TYPES <W93>. <W94>. .... <W99> MAY ALSO BE USED TO PROVIDE UP TO A TOTAL OF TWENTY-SEVEN COMMENT LINES.

SOUTH FLORIDA WATER MANAGEMENT DISTRICT

FORM 60
Oct, 1977

WELL LOG

WELL LOCATION

County: Palm Beach

Station I. D. 0 9 9 0 0 0 0 2 9

Date: 10-08-79 Well No.: PB-1103

Latitude: 026°30'05" Longitude: 080°10'16"

SW ¼ SW ¼ SW ¼ Section: 33 Township: 46 Range: 42

Owner: U.S.G.S. Phone:

Driller: S.F.W.M.D. Date Drilled: 10-08-79

WELL CONSTRUCTION

Drilling Method: Rot. X Air CT Auger Other:

T. Depth - Driller: 240' T. Depth - Logger: 240'

Casing Depth Driller: 110' Casing Depth Logger:

Bit Size: 5.2 Casing Dia. I.D.: 2.0

Hole Dia.: 2.0" From: 0 To: 110 Dia. From: To:

Type of Casing: PVC Casing Thickness: 0.3

Type of Screen: PVC Screen Int. From: 110 To: 120

Type of Packing: Rubber Well Use: Monitor

Static Water Level: Date:

Yield Flow: Pump:

DATUM

K.B.: L.S.: 0.0.L.S. T.O.C.:

FLUID QUALITY

Date: 10-08-79 Time: 1130 Source of Sample: Open Hole

Cl: mg/l Type of Fluid: Drill Mud.

Temp.: 84.80°F °C Field Density: @ °C

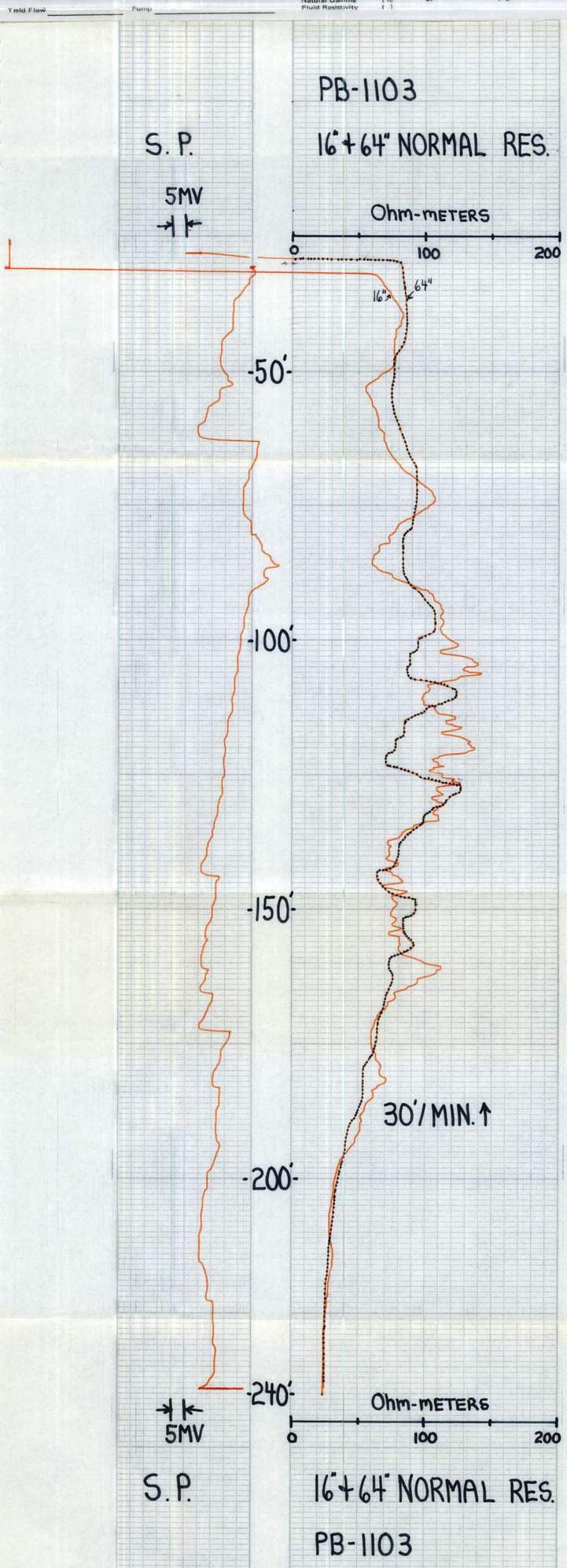
T.D.S.: mg/l Spec. Cond.: 919.3 µmhos/cm

Logged By: Anderson, S. Witnessed By: Dean, J.

Comments: Logged open hole

TYPE OF SURVEYS RUN

Lateral 6'	( )	Density	( )
Caliper	(X)	ccl	( )
Flow meter	( )	Fluid Sampler	( )
16", 64" normals	(X)	Temperature	( )
Neutron	(X)	Delta Temp.	( )
Natural Gamma	(X)	SP	(X)
Fluid Resistivity	( )		



SOUTH FLORIDA WATER MANAGEMENT DISTRICT

FORM 80
Oct. 1977

WELL LOG

WELL LOCATION

County: Palm Beach
Station I. D.: 0 9 9 0 0 0 0 8 9
Date: 10-08-79
Well No.: PB-1103
Latitude: 026°30'05" Longitude: 080°10'16"
SW ¼ SW ¼ SW ¼ Section: 33 Township: 46 Range: 42
Owner: U.S.G.S. Phone:
Driller: S.F.W.M.D. Date Drilled: 10-08-79

WELL CONSTRUCTION

Drilling Method: Rot. X Air CT Auger Other
T. Depth - Driller: 240' T. Depth - Logger: 240'
Casing Depth Driller: 110' Casing Depth Logger: -
Bit Size: 5.2" Casing Dia. I.D.: 2.0"
Hole Dia. 2.0" From 0 To 110 Dia. From To
Type of Casing: PVC Casing Thickness: 0.3
Type of Screen: PVC Screen Int. From 110' To 120'
Type of Packing: Rubber Well Use: Monitor
Static Water Level: Date:
Yield Flow: Pump:

DATUM

K.B. L.S. O.O.L.S. T.O.C.

FLUID QUALITY

Date: 10-08-79 Time: 1130 Source of Sample: Open Hole
Cl: mg/l Type of Fluid: Drill Mud.
Temp.: 84.80°F °C Field Density: @ °C
T.D.S.: mg/l Spec. Cond.: 919.3 µmhos/cm
Logged By: Anderson, S. Witnessed By: Dean, J.
Comments: Logged open hole

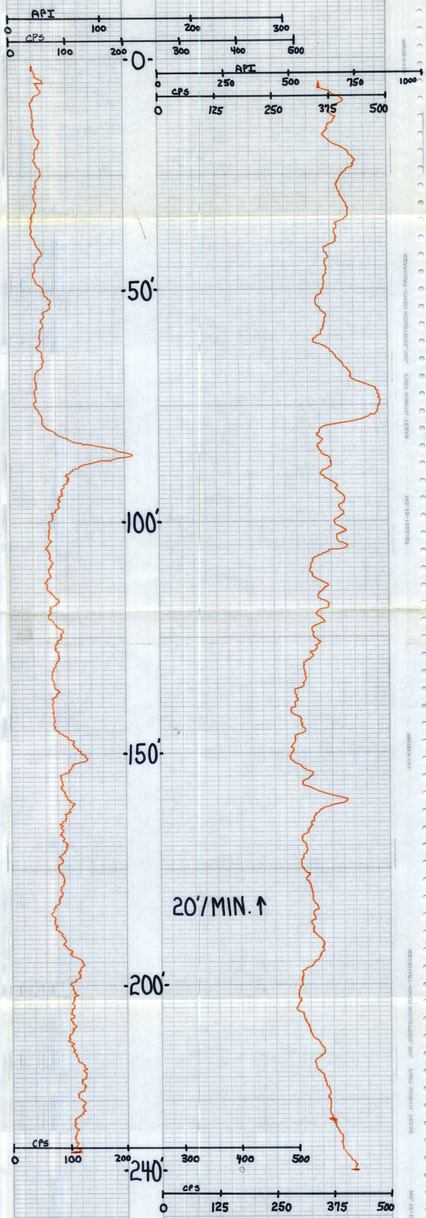
TYPE OF SURVEYS RUN

Lateral 6'	( )	Density	( )
Caliper	(X)	ocl	( )
Flow meter	( )	Fluid Sampler	( )
16", 64" normals	(X)	Temperature	( )
Neutron	(X)	Delta Temp.	( )
Natural Gamma	(X)	SP	(X)
Fluid Resistivity	( )		

PB-1103

GAMMA

NEUTRON

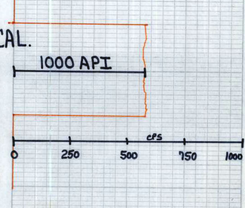


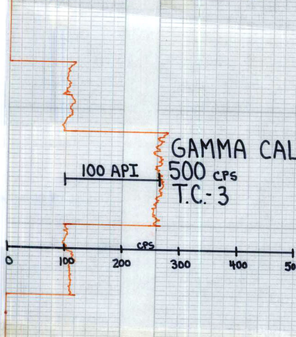
GAMMA
500 CPS
T.C.-3

NEUTRON
500 CPS
T.C.-3

PB-1103

NEUTRON CAL.
1000 CPS
T.C.-3





SOUTH FLORIDA WATER MANAGEMENT DISTRICT

FORM 60
Oct; 1977

WELL LOG

WELL LOCATION

County: Palm Beach
Station I. D. 0 9 9 0 0 0 0 89
Date: 10-08-79 Well No.: PB-1103
Latitude: 026°30'05" Longitude: 080°10'16"
SW ¼ SW ¼ SW ¼ Section: 33 Township: 46 Range: 42
Owner: U.S.G.S. Phone:
Driller: S.F.W.M.D. Date Drilled: 10-08-79

WELL CONSTRUCTION

Drilling Method: Rot. X Air CT Auger Other
T. Depth - Driller: 240' T. Depth - Logger: 240'
Casing Depth Driller: 110' Casing Depth Logger:
Bit Size: 5.2 Casing Dia. I.D.: 2.0
Hole Dia. 2.0" From 0 To 110 Dia. From To
Type of Casing: PVC Casing Thickness: 0.3
Type of Screen: PVC Screen Int. From 110 To 120
Type of Packing: Rubber Well Use: Monitor
Static Water Level: Date:
Yield Flow: Pump:

DATUM

K.B.: L.S.: O.O.L.S. T.O.C.:

FLUID QUALITY

Date: 10-08-79 Time: 1130 Source of Sample: Open Hole
Cl: mg/l Type of Fluid: Drill Mud.
Temp.: 84.8°F °C Field Density: @ °C
T.D.S.: mg/l Spec. Cond.: 919.3 µmhos/cm
Logged By: Anderson, S. Witnessed By: Dean, J.
Comments: Logged open hole

TYPE OF SURVEYS RUN

Lateral 6'	( )	Density	( )
Caliper	(X)	ocl	( )
Flow meter	( )	Fluid Sampler	( )
16", 64" normals	(X)	Temperature	( )
Neutron	(X)	Delta Temp.	( )
Natural Gamma	(X)	SP	(X)
Fluid Resistivity	( )		

CALIPER PB-1103

HOLE DIA.

2" 4" 6" 8" 10" 12" 14"

-0-

-50'-

30'/MIN. ↑

-100'-

-150'-

-200'-

-240'-

CALIPER PB-1103

Digital Formation, Inc.

Denver, CO (USA)

RIS-View Version 2.5 SR3

N/A

File Name: C:\...\pdf\pb14.npd

Well Name: PB-1103

Date: Monday, May 22, 2000, at 09:55:43 AM

Plot: Plot created from: pb14.npd

DIGITAL

Digital Formation, Inc.
Denver, CO (USA)

N/A

DIGITAL FORMATION

RIS-View Version 2.5.SR3

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Well Name: PB-1103
Date: Monday, May 22, 2000, at 09:12:17 AM
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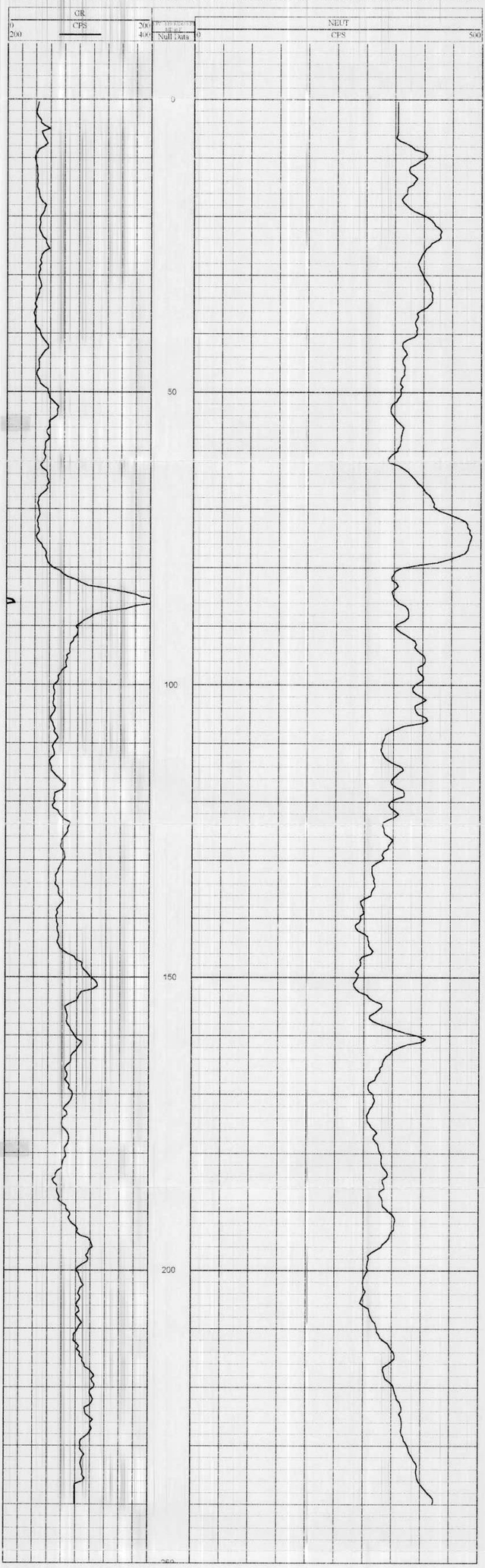

DIGITAL FORMATION

Digital Formation, Inc. NA

Denver, CO (U.S.A.)

RIS-View Version 2.5 SR3

File Name: C:\...pdf\pb140.rpd

Well Name: PB-140A

Date: Monday, May 22, 2000, at 09:19:21 AM

Plot: Plot created from: pb140.rpd

SN

0 OHMM 200

LN

0 OHMM 200

Well Data

50

100

150

200

250