WELL STATION IDENTIFICATION

FORM RP-37 – Rev. 10/78

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

PAGE 1 OF 2

WELL LOCATION CARD ONE

1	10	16		20	37	54	57	59	63	66	68 71
STATION I. D.	SURVEY DATE	AC	CARD	WELL NO.	COUNTY	LAT DEG	LAT MIN	LAT SEC	LON DEG	LON MIN	LON SEC
099000023	100979		W11	PB-1104	PALM BEACH CO	026	26	4500	080	07	1800

WELL LOCATION CARD TWO

1			17	20	37	39	42	45 61
STATION I. D.	SURVEY DATE	AC	CARD	QUARTERSECTIONS	SEC	TOWNSHIP	RANGE	WATER MANAGEMENT DISTRICT PLANNING AREA
			W12	SE1/4;SE1/4;NE1/4	23	46	42	LOWER EAST COAST

WELL DATUM CARD

1			17	20	26	32	38	44 59
STATION I. D.	SURVEY DATE	AC	CARD	KELLY BUSHING (FEET)	LAND SURFACE (FT)	TOP OF CASING (FT)	OTHER (FT) (SEE NOTES)	DATUM (CHECK ONE)
			W21		00			MSL- ;LS-x;TOC-

WELL OWNERSHIP CARD

1			17	20	37	54	57	64 80
STATION I. D.	SURVEY DATE	AC	CARD	NAME OF OWNER	GROVE/PROPERTY NAME	AREA CODE	TELEPHONE	WELL USE
			W31	U.S.G.S		305	350	MONITOR

WELL ORIGIN CARD

1			17	20	37	54	71 76
STATION I. D.	SURVEY DATE	AC	CARD	DRILLER/ DRILLING COMPANY	OFFICE OF DRILLER (CITY)	DRILLING METHOD	DATE COMPLETED
			W41	SFWMD	WPB	ROTARY	100979

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

WELL STATION IDENTIFICATION

FORM RP-38 - Rev. 10/78

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

PAGE 2 OF 2

WELL DESCRIPTION - CONSTRUCTION CARD ONE

1 STATION I. D.	10 SURVEY DATE	16 A C	CARD	20 TOTAL DEPTH -DRILLER (FT)	27 TOTAL DEPTH -LOGGER (FT)	34 CASING DEPTH -DRILLER (FT)	41 CASING DEPTH -LOGGER (FT)	48 CASING I.D. (INCHES)	54 BIT SIZE (INCHES)	59 DRILLER LOG AVAIL. 68
099000060Z3	100979		W51	340	320	105	-	20	520	YES-X;NO-

WELL DESCRIPTION - CONSTRUCTION CARD TWO

1 STATION I. D.	SURVEY DATE	A C	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
			W52	P.V.C	RUBBER	20	60	95	105

WELL DESCRIPTION - CONFIGURATION CARD, SECTION ONE (TOP)

1 STATION I. D.	SURVEY DATE	A C	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
			W61	0	P.V.C	20	0	95	03	

WELL DESCRIPTION - CONFIGURATION CARD, SECTION TWO

1 STATION I. D.	SURVEY DATE	A C	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
			W62	02						

WELL DESCRIPTION - CONFIGURATION CARD, SECTION THREE

1 STATION I. D.	SURVEY DATE	A C	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
			W63	03						

Jane

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).
<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

STATION I. D. (1)	SURVEY DATE (10)	A C (16)	CARD	LOGGED BY (20)	WITNESSED BY (37)	*A (54)	*B	*C (56)	*D	*E (58)	*F	*G (60)	*H	*I (62)	*J	*K (64)	*L	*M (66)	*N	*O (68)	*P	*Q (70)	*R	*S (72)	*T
099000023	100979		W71	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

STATION I. D. (1)	SURVEY DATE	A C	CARD (17)	SAMPLE SOURCE (WELLHEAD. ETC.) (20)	TYPE FLUID (37)	DATE SAMPLED (54)	TIME SAMPLED (60-63)
			W81	OPEN HOLE	DRILL MUD	100979	1300

FLUID QUALITY CARD TWO

STATION I. D. (1)	SURVEY DATE	A C	CARD (17)	TEMP. OF SAMPLE (20)	C F (25)	FIELD SP. GRAVITY	FIELD PH (32)	CHLORIDE (MG/L) (35)	DISSOLVED SOLIDS (41)	SPEC. COND. (U-MHO/CM) (47)	STATIC WATER LEVEL (FEET) (53)	W/L REF FROM (60)	FLOW RATE (GAL/MIN) (64)	PUMP RATE (GAL/MIN) (70-75)
			W82	89.0						1252.0				

COMMENT CARDS

STATION I. D. (1)	SURVEY DATE	A C	CARD (17)	COMMENTS - LINE 1 (20)	COMMENTS - LINE 2 (40)	COMMENTS - LINE 3 (60-76)
			W91	HEAVY DRILLING	MUD, A LOT OF TROU	BLE IN DRILLING

STATION I. D. (1)	SURVEY DATE	A C	CARD (17)	COMMENTS - LINE 4 (20)	COMMENTS - LINE 5 (40)	COMMENTS - LINE 6 (60-76)
			W92	HOLE LOGGED OPEN	HOLE	

NOTES: COLUMNS 1-16 ARE DUPLICATED IN EACH CARD.
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2 (CHANGE ALL VALUES). OR 9 (DELETE OLD RECORD).
<W93>, <W94>, ..., <W99> MAY ALSO BE USED TO PROVIDE UP TO A TOTAL OF TWENTY-SEVEN COMMENT LINES.

FORM 60
Oct; 1977

SOUTH FLORIDA WATER MANAGEMENT DISTRICT

WELL LOG

WELL LOCATION

County Palm Beach
Station I. D. 0 9 9 0 0 0 0 2 3
Date 10-09-79 Well No. PB-1104
Latitude 026°26'45" Longitude 080°07'18"
SE ¼ SE ¼ NE ¼ Section 23 Township 46 Range 42
Owner U.S.G.S. Phone
Driller S.F.W.M.D. Date Drilled 10-09-79

WELL CONSTRUCTION

Drilling Method: Rot. X Air _ CT _ Auger _ Other
T. Depth - Driller 340' T. Depth - Logger 320'
Casing Depth Driller 105' Casing Depth Logger
Bit Size 5.2 Casing Dia. I.D. 2.0
Hole Dia. 2.0 From 0 To 95 Dia. From To
Type of Casing PVC Casing Thickness 0.3"
Type of Screen PVC Screen Int. From 95' To 105'
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 10-09-79 Time 1300 Source of Sample Open Hole
Cl mg/l Type of Fluid
Temp. 89.00°F °C Field Density @ °C
T.D.S. mg/l Spec. Cond. 1252.0 µmhos/cm
Logged By: Anderson, S. Witnessed By: Dean, J.
Comments: Heavy drilling mud
A lot of trouble in drilling
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	( )		

FORM 60
Oct; 1977

SOUTH FLORIDA WATER MANAGEMENT DISTRICT

WELL LOG

WELL LOCATION

County Palm Beach
Station I. D. 0 9 9 0 0 0 0 2 3
Date 10-09-79 Well No. PB-1104
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SE ¼ SE ¼ NE ¼ Section 23 Township 46 Range 42
Owner U.S.G.S. Phone
Driller S.F.W.M.D. Date Drilled 10-09-79

WELL CONSTRUCTION

Drilling Method: Rot. X Air _ CT _ Auger _ Other
T. Depth - Driller 340' T. Depth - Logger 320'
Casing Depth Driller 105' Casing Depth Logger
Bit Size 5.2 Casing Dia. I.D. 2.0
Hole Dia. 2.0 From 0 To 95 Dia. From To
Type of Casing PVC Casing Thickness 0.3"
Type of Screen PVC Screen Int. From 95' To 105'
Type of Packing Rubber Well Use Monitor
Static Water Level Date
Yield Flow Pump

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

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Cl mg/l Type of Fluid
Temp. 89.00°F °C Field Density @ °C
T.D.S. mg/l Spec. Cond. 1252.0 µmhos/cm
Logged By: Anderson, S. Witnessed By: Dean, J.
Comments: Heavy drilling mud
A lot of trouble in drilling
logged open hole

TYPE OF SURVEYS RUN

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

CALIPER PB-1104

CALIPER PB-1104

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 3

Date 10-09-79 Well No. PB-1104

Latitude 026°26'45" Longitude 080°07'18"

SE ¼ SE ¼ NE ¼ Section 23 Township 46 Range 42

Owner U.S.G.S. Phone

Driller S.F.W.M.D. Date Drilled 10-09-79

WELL CONSTRUCTION

Drilling Method: Rot. X Air __ CT __ Auger __ Other

T. Depth - Driller 340' T. Depth - Logger 320'

Casing Depth Driller 105' Casing Depth Logger

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

Hole Dia. 2.0" From 0 To 95' Dia. From To

Type of Casing PVC Casing Thickness 0.3"

Type of Screen PVC Screen Int. From 95' To 105'

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Static Water Level Date

Yield Flow Pump

DATUM

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

FLUID QUALITY

Date 10-09-79 Time 1300 Source of Sample Open Hole

Cl mg/l Type of Fluid

Temp. 89.00°F °C Field Density @ °C

T.D.S. mg/l Spec. Cond. 1252.0 μmhos/cm

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

Comments: Heavy drilling mud
A lot of trouble in drilling
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	( )		

DIGITAL FORMATION

Digital Formation, Inc. N/A

Denver, CO (USA)

RIS-View Version 2.5 SR3

File Name: C:\...\q2\pdf\q2.apd
Well Name: PB-1104
Date: Tuesday, May 23, 2000, at 09:56:26 AM
Plot: Plot created from: q2.apd

Digital Formation, Inc. N/A

Denver, CO (USA)

RIS-View *Version 2.5 SR3*

File Name: C:_TS\q pdf\q.upd

Well Name: PB-1104

Date: Tuesday, May 23, 2000, at 06:28:29 AM

Plot: Plot created from: q.upd

Digital Formation, Inc.
Denver, CO (USA)
RIS-View *Version 2.5 SR3*

N/A

File Name: C:\...\q1\pdf\q1.npd
Well Name: PB-1104
Date: Tuesday, May 23, 2000, at 06:29:30 AM
Plot: Plot created from: q1.npd