

# WELL STATION IDENTIFICATION

FORM RP-37 - Rev. 10/78

PAGE 1 OF 2

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

## WELL LOCATION CARD ONE

1	10	16	20	37	54	57	59	63	66	68	71
STATION I. D.	SURVEY DATE	A CARD C	WELL NO.	COUNTY	LAT DEG	LAT MIN	LAT SEC	LON DEG	LON MIN	LON SEC	
021000004	102480	W11	C-2028D	COLLIER	025	58	57	081	42	52	

## WELL LOCATION CARD TWO

1	17	20	37	39	42	45	61
STATION I. D.	SURVEY DATE	A CARD C	QUARTERSECTIONS	SEC	TOWN-SHIP RANGE	WATER MANAGEMENT DISTRICT PLANNING AREA	
		W12	NE1/4;NW1/4;SW1/4	33	S1S 26E	LOWER, WEST, COAST.	

## WELL DATUM CARD

1	17	20	26	32	38	44	59
STATION I. D.	SURVEY DATE	A CARD C	KELLY BUSH-ING (FEET)	LAND SUR-FACE (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	A CARD C	NAME OF OWNER	AREA CODE	TELEPHONE	WELL USE	
		W31	COLLIER CO.	305	6868800	MONITOR	

## WELL ORIGIN CARD

1	17	20	37	54	71	76
STATION I. D.	SURVEY DATE	A CARD C	DRILLER/ DRILLING COMPANY	OFFICE OF DRILLER (CITY)	DRILLING METHOD	DATE COMPLETED
		W41	S. F. W. M. D.	W. P. B.	ROTARY	102480

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).

# WELL STATION IDENTIFICATION

FORM RP-38 - Rev. 10/78

PAGE 2 OF 2

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

## WELL DESCRIPTION - CONSTRUCTION CARD ONE

1	10	16	20	27	34	41	48	54	59	68
STATION I. D.	SURVEY DATE	CARD C	TOTAL DEPTH -DRILLER (FT)	TOTAL DEPTH -LOGGER (FT)	CASING DEPTH -DRILLER (FT)	CASING DEPTH -LOGGER (FT)	CASING I.D. (INCHES)	BIT SIZE (INCHES)	DRILLER LOG AVAIL.	
021000041	102480	W51	280	276			60	9.80	YES- <input checked="" type="checkbox"/> ; NO- <input type="checkbox"/>	

## WELL DESCRIPTION - CONSTRUCTION CARD TWO

1	17	20	37	54	59	64	69	73
STATION I. D.	SURVEY DATE	CARD C	TYPE OF SCREEN	TYPE OF PACKING	DIA. OF SCREEN	SLOT SIZE (INCHES)	SCREEN BEGINS	SCREEN ENDS (FT)
		W52	OPEN HOLE					

## WELL DESCRIPTION - CONFIGURATION CARD. SECTION ONE (TOP)

1	17	20	22	39	44	49	54	59	75
STATION I. D.	SURVEY DATE	CARD C	SEC	TYPE OF CASING	NOM. DIA. (INCHES)	BEGIN DEPTH	END DEPTH (FEET)	THICKNESS (INCHES)	TYPE OF ANNULUS FILL
		W610	10	P.V.C.	40	0	276	0.3	CEMENT

## WELL DESCRIPTION - CONFIGURATION CARD. SECTION TWO

1	17	20	22	39	44	49	54	59	75
STATION I. D.	SURVEY DATE	CARD C	SEC	TYPE OF CASING	NOM. DIA. (INCHES)	BEGIN DEPTH	END DEPTH (FEET)	THICKNESS (INCHES)	TYPE OF ANNULUS FILL
		W6202	2	P.V.C.	60				

## WELL DESCRIPTION - CONFIGURATION CARD. SECTION THREE

1	17	20	22	39	44	49	54	59	75
STATION I. D.	SURVEY DATE	CARD C	SEC	TYPE OF CASING	NOM. DIA. (INCHES)	BEGIN DEPTH	END DEPTH (FEET)	THICKNESS (INCHES)	TYPE OF ANNULUS FILL
		W6303	3						

NOTES: COLUMNS 1-16 ARE DUPLICATED IN EACH CARD.  
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 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. 12/79  
(USE ONE FORM/DAY/WELL)

## SURVEY CARD

1	10	16	20	37	54	56	58	60	62	64	66	68	70	72
STATION	SURVEY	CARD	LOGGED BY	WITNESSED BY	*	*	*	*	*	*	*	*	*	*
I. D.	DATE	C			A	B	C	D	E	F	G	H	I	J
021000041	10.24.80	W71	S. BURNS	P. DAUENHAUER	X				XX					

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

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

## FLUID QUALITY CARD ONE

1	17	20	37	54	60	63
STATION	SURVEY	CARD	SAMPLE SOURCE	TYPE	DATE	TIME
I. D.	DATE	C	(WELLHEAD, ETC.)	FLUID	SAMPLED	SAMPLED
		W81	OPEN HOLE	DRILL MUD	10.24.80	1400

## FLUID QUALITY CARD TWO

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

## COMMENT CARDS

1	17	20	40	60	76
STATION	SURVEY	CARD	COMMENTS	COMMENTS	COMMENTS
I. D.	DATE	C	- LINE 1	- LINE 2	- LINE 3
		W91	LOGGED OPEN HOLE		

1	17	20	40	60	76
STATION	SURVEY	CARD	COMMENTS	COMMENTS	COMMENTS
I. D.	DATE	C	- LINE 4	- LINE 5	- LINE 6
		W92			

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.

# WELL STATION IDENTIFICATION

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

## WELL LOCATION CARD ONE

1	10	16	20	37	54	57	59	63	66	68	71
STATION I. D.	SURVEY DATE	A CARD	WELL NO.	COUNTY	LAT DEG	LAT MIN	LAT SEC	LON DEG	LON MIN	LON SEC	
021000041	121080	W11C	-2028D	COLLIER	025	58	57	081	42	52	

## WELL LOCATION CARD TWO

1	17	20	37	39	42	45	61
STATION I. D.	SURVEY DATE	A CARD	QUARTERSECTIONS	SEC	TOWN-SHIP	RANGE	WATER MANAGEMENT DISTRICT PLANNING AREA
		W12	NE1/4; NW1/4; SW1/4	33	S1S26	E	LOWER WEST COAST

## WELL DATUM CARD

1	17	20	26	32	38	44	59
STATION I. D.	SURVEY DATE	A CARD	KELLY BUSH-ING (FEET)	LAND SUR-FACE (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	A CARD	NAME OF OWNER	GROVE/PROPERTY NAME	AREA CODE	TELEPHONE	WELL USE
		W31	COLLIER CO.		305	6868800	MONITOR

## WELL ORIGIN CARD

1	17	20	37	54	71	76
STATION I. D.	SURVEY DATE	A CARD	DRILLER/ DRILLING COMPANY	OFFICE OF DRILLER (CITY)	DRILLING METHOD	DATE COMPLETED
		W41	S. F. W. M. D.	W. P. B.	ROTARY	121080

NOTES: COLUMNS 1-16 ARE DUPLICATED IN EACH CARD.  
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# WELL STATION IDENTIFICATION

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

## WELL DESCRIPTION - CONSTRUCTION CARD ONE

1	10	16	20	27	34	41	48	54	59	68
STATION I. D.	SURVEY DATE	CARD C	TOTAL DEPTH -DRILLER (FT)	TOTAL DEPTH -LOGGER (FT)	CASING DEPTH -DRILLER (FT)	CASING DEPTH -LOGGER (FT)	CASING I.D. (INCHES)	BIT SIZE (INCHES)	DRILLER LOG AVAIL.	
021000041	121080	W51	360	355	360		580	9.8	YES-X; NO-	

## WELL DESCRIPTION - CONSTRUCTION CARD TWO

1	17	20	37	54	59	64	69	73
STATION I. D.	SURVEY DATE	CARD C	TYPE OF SCREEN	TYPE OF PACKING	DIA. OF SCREEN	SLOT SIZE (INCHES)	SCREEN BEGINS	SCREEN ENDS (FT)
		W52	OPEN HOLE					

## WELL DESCRIPTION - CONFIGURATION CARD, SECTION ONE (TOP)

1	17	20	22	39	44	49	54	59	75
STATION I. D.	SURVEY DATE	CARD C	SEC	TYPE OF CASING	NOM. DIA. (INCHES)	BEGIN DEPTH	END DEPTH (FEET)	THICKNESS (INCHES)	TYPE OF ANNULUS FILL
		W610	0	P.V.C.	60	0	360	03	CEMENT

## WELL DESCRIPTION - CONFIGURATION CARD, SECTION TWO

1	17	20	22	39	44	49	54	59	75
STATION I. D.	SURVEY DATE	CARD C	SEC	TYPE OF CASING	NOM. DIA. (INCHES)	BEGIN DEPTH	END DEPTH (FEET)	THICKNESS (INCHES)	TYPE OF ANNULUS FILL
		W6202							

## WELL DESCRIPTION - CONFIGURATION CARD, SECTION THREE

1	17	20	22	39	44	49	54	59	75
STATION I. D.	SURVEY DATE	CARD C	SEC	TYPE OF CASING	NOM. DIA. (INCHES)	BEGIN DEPTH	END DEPTH (FEET)	THICKNESS (INCHES)	TYPE OF ANNULUS FILL
		W6303							

NOTES: COLUMNS 1-16 ARE DUPLICATED IN EACH CARD.  
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 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	10	16	20	37	54	56	58	60	62	64	66	68	70	72
STATION	SURVEY	CARD	LOGGED BY	WITNESSED BY	*	*	*	*	*	*	*	*	*	*
I. D.	DATE	C			A	B	C	D	E	F	G	H	I	J
					K	L	M	N	O	P	Q	R	S	T
021000041	121080	W71	S. ANDERSON	P. DAUENHAUER	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	F = NATURAL GAMMA	K = TEMPERATURE GRADIENT
B = FLOWMETER	G = FLUID RESISTIVITY	L = DELTA TEMPERATURE
C = 16-INCH NORMAL RESISTIVITY	H = GAMMA GAMMA DENSITY	M = SPONTANEOUS POTENTIAL
D = 64-INCH NORMAL RESISTIVITY	I = CASING COLLAR LOCATOR	N = POINT RESISTANCE
E = NEUTRON POROSITY	J = FLUID SAMPLER	O = 6-FOOT LATERAL RESISTIVITY

## FLUID QUALITY CARD ONE

1	17	20	37	54	60	63
STATION	SURVEY	CARD	SAMPLE SOURCE	TYPE	DATE	TIME
I. D.	DATE	C	(WELLHEAD. ETC.)	FLUID	SAMPLED	SAMPLED
		W81	WELLHEAD	DRILL MUD	121080	1400

## FLUID QUALITY CARD TWO

1	17	20	25	32	35	41	47	53	60	64	70	75
STATION	SURVEY	CARD	TEMP. OF	FIELD SP.	FIELD	CHLORIDE	DISSOLVED	SPEC. COND.	STATIC WATER	W/L REF	FLOW RATE	PUMP RATE
I. D.	DATE	C	SAMPLE	GRAVITY	PH	(MG/L)	SOLIDS	(U-MHO/CM)	LEVEL (FEET)	FROM	(GAL/MIN)	(GAL/MIN)
		W82	80.6	F				7219.0				

## COMMENT CARDS

1	17	20	40	60	76
STATION	SURVEY	CARD	COMMENTS	COMMENTS	COMMENTS
I. D.	DATE	C	- LINE 1	- LINE 2	- LINE 3
		W91	PART 1 OF 3 PARTS		

1	17	20	40	60	76
STATION	SURVEY	CARD	COMMENTS	COMMENTS	COMMENTS
I. D.	DATE	C	- LINE 4	- LINE 5	- LINE 6
		W92			

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

## WELL LOCATION CARD ONE

1	10	16	20	37	54	57	59	63	66	68	71
STATION I. D.	SURVEY DATE	CARD C	WELL NO.	COUNTY	LAT DEG	LAT MIN	LAT SEC	LON DEG	LON MIN	LON SEC	
021000041	031981	W11	C-2028D	COLLIER	025	58	57	081	42	52	

## WELL LOCATION CARD TWO

1	17	20	37	39	42	45	61
STATION I. D.	SURVEY DATE	CARD C	QUARTERSECTIONS	SEC	TOWN-SHIP	RANGE	WATER MANAGEMENT DISTRICT PLANNING AREA
		W12	NE1/4; NW1/4; SW1/4	33	S1S	26E	LOWER WEST COAST

## WELL DATUM CARD

1	17	20	26	32	38	44	59
STATION I. D.	SURVEY DATE	CARD C	KELLY BUSH-ING (FEET)	LAND SUR-FACE (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	CARD C	NAME OF OWNER	GROVE/PROPERTY NAME	AREA CODE	TELEPHONE	WELL USE
		W31	S. F. W. M. D.		305	6868800	MONITOR

## WELL ORIGIN CARD

1	17	20	37	54	71	76
STATION I. D.	SURVEY DATE	CARD C	DRILLER/ DRILLING COMPANY	OFFICE OF DRILLER (CITY)	DRILLING METHOD	DATE COMPLETED
		W41	S. F. W. M. D.	W. P. B.	ROTARY	031981

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# WELL STATION IDENTIFICATION

FORM RP-38 - Rev. 10/78

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

## WELL DESCRIPTION - CONSTRUCTION CARD ONE

1	10	16	20	27	34	41	48	54	59	68
STATION I. D.	SURVEY DATE	CARD C	TOTAL DEPTH -DRILLER (FT)	TOTAL DEPTH -LOGGER (FT)	CASING DEPTH -DRILLER (FT)	CASING DEPTH -LOGGER (FT)	CASING I. D. (INCHES)	BIT SIZE (INCHES)	DRILLER LOG AVAIL.	
0.21.00.00.41	03.19.81	W5.1		780	360	360	580	7.8	YES-X:NO-	

## WELL DESCRIPTION - CONSTRUCTION CARD TWO

1	17	20	37	54	59	64	69	73
STATION I. D.	SURVEY DATE	CARD C	TYPE OF SCREEN	TYPE OF PACKING	DIA. OF SCREEN	SLOT SIZE (INCHES)	SCREEN BEGINS	SCREEN ENDS (FT)
		W5.2	OPEN HOLE					

## WELL DESCRIPTION - CONFIGURATION CARD, SECTION ONE (TOP)

1	17	20	22	39	44	49	54	59	75
STATION I. D.	SURVEY DATE	CARD C	SEC	TYPE OF CASING	NOM. DIA. (INCHES)	BEGIN DEPTH	END DEPTH (FEET)	THICKNESS (INCHES)	TYPE OF ANNULUS FILL
		W6.1	0	P.V.C.	6.0	0	360	0.3	CEMENT

## WELL DESCRIPTION - CONFIGURATION CARD, SECTION TWO

1	17	20	22	39	44	49	54	59	75
STATION I. D.	SURVEY DATE	CARD C	SEC	TYPE OF CASING	NOM. DIA. (INCHES)	BEGIN DEPTH	END DEPTH (FEET)	THICKNESS (INCHES)	TYPE OF ANNULUS FILL
		W6.2	02						

## WELL DESCRIPTION - CONFIGURATION CARD, SECTION THREE

1	17	20	22	39	44	49	54	59	75
STATION I. D.	SURVEY DATE	CARD C	SEC	TYPE OF CASING	NOM. DIA. (INCHES)	BEGIN DEPTH	END DEPTH (FEET)	THICKNESS (INCHES)	TYPE OF ANNULUS FILL
		W6.3	03						

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# W E L L S U R V E Y R E P O R T

(USE ONE FORM/DAY/WELL)

## SURVEY CARD

1	10	16	20	37	54	56	58	60	62	64	66	68	70	72
STATION	SURVEY	CARD	LOGGED BY	WITNESSED BY	*	*	*	*	*	*	*	*	*	*
I. D.	DATE	C			A	B	C	D	E	F	G	H	I	J
021000041	03,18,81	W71	S. ANDERSON	P. DAUENHAUER	X	X	X	X						

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

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

## FLUID QUALITY CARD ONE

1	17	20	37	54	60	63
STATION	SURVEY	CARD	SAMPLE SOURCE	TYPE	DATE	TIME
I. D.	DATE	C	(WELLHEAD, ETC.)	FLUID	SAMPLED	SAMPLED
		W81	WELL HEAD	FORMATION WATER	03,19,81	140.0

## FLUID QUALITY CARD TWO

1	17	20	25	32	35	41	47	53	60	64	70	75
STATION	SURVEY	CARD	TEMP. OF	FIELD SP.	FIELD	CHLORIDE	DISSOLVED	SPEC. COND.	STATIC WATER	W/L REF	FLOW RATE	PUMP RATE
I. D.	DATE	C	SAMPLE	F GRAVITY	PH	(MG/L)	SOLIDS	(U-MHO/CM)	LEVEL (FEET)	FROM	(GAL/MIN)	(GAL/MIN)
		W82	82.6 °F					1,136.00				

## COMMENT CARDS

1	17	20	40	60	76
STATION	SURVEY	CARD	COMMENTS	COMMENTS	COMMENTS
I. D.	DATE	C	- LINE 1	- LINE 2	- LINE 3
		W91	PART 2 OF THREE	PARTS	

1	17	20	40	60	76
STATION	SURVEY	CARD	COMMENTS	COMMENTS	COMMENTS
I. D.	DATE	C	- LINE 4	- LINE 5	- LINE 6
		W92			

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## WELL LOCATION CARD ONE

1	10	16	20	37	54	57	59	63	66	68	71
STATION	SURVEY	CARD	WELL NO.	COUNTY	LAT	LAT	LAT	LOX	LOX	LOX	
I. D.	DATE	C			DEG	MIN	SEC	DEG	MIN	SEC	
08100004	10G1583	W11C	2028D	COLLIER	025	58	57	081	42	52	

## WELL LOCATION CARD TWO

1	17	20	37	39	42	45	61
STATION	SURVEY	CARD	QUARTERSECTIONS	SEC	TOWN-		WATER MANAGEMENT DISTRICT
I. D.	DATE	C		SHIP	RANGE		PLANNING AREA
		W12	NE1/4; NW1/4; SW1/4	33	51S	R6E	LOWER WEST COAST

## WELL DATUM CARD

1	17	20	26	32	38	44	59
STATION	SURVEY	CARD	KELLY BUSH-	LAND SUR-	TOP OF	OTHER (FT)	DATUM (CHECK ONE)
I. D.	DATE	C	ING (FEET)	FACE (FT)	CASING (FT)	(SEE NOTES)	
		W21			00		MSL- ; LS- ; TOC-X

## WELL OWNERSHIP CARD

1	17	20	37	54	57	64	80
STATION	SURVEY	CARD	NAME OF OWNER	GROVE/PROPERTY NAME	AREA	TELEPHONE	WELL USE
I. D.	DATE	C			CODE		
		W31	S. F. W. M. D.		30.5	6868800	MONITOR

## WELL ORIGIN CARD

1	17	20	37	54	71	76
STATION	SURVEY	CARD	DRILLER/ DRILLING COMPANY	OFFICE OF DRILLER (CITY)	DRILLING METHOD	DATE COMPLETED
I. D.	DATE	C				
		W41	S. F. W. M. D.	W. P. B.	ROTARY	031981

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).

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

## WELL DESCRIPTION - CONSTRUCTION CARD ONE

1	10	16	20	27	34	41	48	54	59	68
STATION I. D.	SURVEY DATE	CARD C	TOTAL DEPTH -DRILLER (FT)	TOTAL DEPTH -LOGGER (FT)	CASING DEPTH -DRILLER (FT)	CASING DEPTH -LOGGER (FT)	CASING I.D. (INCHES)	BIT SIZE (INCHES)	DRILLER LOG AVAIL.	
081000041	061583	W51		774		360	58		YES-X: NO-	

## WELL DESCRIPTION - CONSTRUCTION CARD TWO

1	17	20	37	54	59	64	69	73
STATION I. D.	SURVEY DATE	CARD C	TYPE OF SCREEN	TYPE OF PACKING	DIA. OF SCREEN	SLOT SIZE (INCHES)	SCREEN BEGINS	SCREEN ENDS (FT)
		W52	OPEN HOLE					

## WELL DESCRIPTION - CONFIGURATION CARD. SECTION ONE (TOP)

1	17	20	22	39	44	49	54	59	75
STATION I. D.	SURVEY DATE	CARD C	SEC	TYPE OF CASING	NOM. DIA. (INCHES)	BEGIN DEPTH	END DEPTH (FEET)	THICKNESS (INCHES)	TYPE OF ANNULUS FILL
		W610		P.V.C.	60	0	360	02	CEMENT

## WELL DESCRIPTION - CONFIGURATION CARD. SECTION TWO

1	17	20	22	39	44	49	54	59	75
STATION I. D.	SURVEY DATE	CARD C	SEC	TYPE OF CASING	NOM. DIA. (INCHES)	BEGIN DEPTH	END DEPTH (FEET)	THICKNESS (INCHES)	TYPE OF ANNULUS FILL
		W6202							

## WELL DESCRIPTION - CONFIGURATION CARD. SECTION THREE

1	17	20	22	39	44	49	54	59	75
STATION I. D.	SURVEY DATE	CARD C	SEC	TYPE OF CASING	NOM. DIA. (INCHES)	BEGIN DEPTH	END DEPTH (FEET)	THICKNESS (INCHES)	TYPE OF ANNULUS FILL
		W6303							

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).

20 TYPES <W64>, <W65>, .... <W69> MAY ALSO BE USED TO PROVIDE DATA FOR A TOTAL OF NINE SECTIONS.



# W E L L S U R V E Y R E P O R T

FORM RP-39 -- Rev. 10/78

(USE ONE FORM/DAY/WELL)

## SURVEY CARD

1	10	16	20	37	54	56	58	60	62	64	66	68	70	72
STATION	SURVEY	CARD	LOGGED BY	WITNESSED BY	*	*	*	*	*	*	*	*	*	*
I. D.	DATE	C			A	B	C	D	E	F	G	H	I	J
					K	L	M	N	O	P	Q	R	S	T
02100004	1061583	W71	P. DAUENHAEUER	S. ANDERSON	X								XX	

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

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

## FLUID QUALITY CARD ONE

1	17	20	37	54	60	63
STATION	SURVEY	CARD	SAMPLE SOURCE	TYPE	DATE	TIME
I. D.	DATE	C	(WELLHEAD, ETC.)	FLUID	SAMPLED	SAMPLED
		W81	WELLHEAD	FORMATION WATER	061583	1100

## FLUID QUALITY CARD TWO

1	17	20	25	32	35	41	47	53	60	64	70	75
STATION	SURVEY	CARD	TEMP. OF	FIELD SP.	FIELD	CHLORIDE	DISSOLVED	SPEC. COND.	STATIC WATER	W/L REF	FLOW RATE	PUMP RATE
I. D.	DATE	C	SAMPLE	F GRAVITY	PH	(MG/L)	SOLIDS	(U-MHO/CM)	LEVEL (FEET)	FROM	(GAL/MIN)	(GAL/MIN)
		W82	84.0° F					1484.0				

## COMMENT CARDS

1	17	20	40	60	76
STATION	SURVEY	CARD	COMMENTS	COMMENTS	COMMENTS
I. D.	DATE	C	- LINE 1	- LINE 2	- LINE 3
		W91			

1	17	20	40	60	76
STATION	SURVEY	CARD	COMMENTS	COMMENTS	COMMENTS
I. D.	DATE	C	- LINE 4	- LINE 5	- LINE 6
		W92			

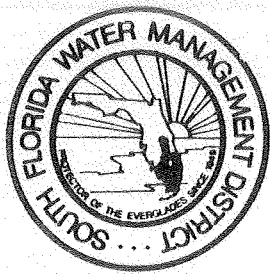
NOTE: COLUMNS 1-16 ARE DUPLICATED IN EACH CARD.

COLUMN 16 IS AN ACTION CODE WITH THE FOLLOWING PERMISSABLE STATES - 1 (CREATE NEW RECORD),

2 (CHANGE ALL VALUES), OR 9 (DELETE OLD RECORD).

3RD 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 COLLIER  
Station I. D. 021000041  
Date 03-19-81 Well No. C-2028D  
Latitude 025°58'57" Longitude 081°42'52"  
NE  $\frac{1}{4}$  NW  $\frac{1}{4}$  SW  $\frac{1}{4}$  Section 33 Township 51S Range 26E  
Owner S.F.W.M.D. Phone 305-686-8800  
Driller S.F.W.M.D. Date Drilled 03-19-81

WELL CONSTRUCTION

Drilling Method: Rot.  Air  CT  Auger  Other   
T. Depth - Driller \_\_\_\_\_ T. Depth - Logger 780'  
Casing Depth Driller 360' Casing Depth Logger 360'  
Bit Size 7.8" Casing Dia. I.D. 5.80"  
Hole Dia. 6.0 From 0 To 360 Dia. \_\_\_\_\_ From \_\_\_\_\_ To \_\_\_\_\_  
Type of Casing P.V.C. Casing Thickness 0.3"  
Type of Screen OPEN HOLE Screen Int. From \_\_\_\_\_ To \_\_\_\_\_  
Type of Packing \_\_\_\_\_ Well Use MONITOR  
Static Water Level \_\_\_\_\_ Date 03-19-81  
Yield Flow \_\_\_\_\_ Pump \_\_\_\_\_

DATUM

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

FLUID QUALITY

Date 03-19-81 Time 1400 Source of Sample WELL HEAD  
Cl \_\_\_\_\_ mg/l Type of Fluid FORMATION WATER  
Temp. 82.6° F Field Density \_\_\_\_\_ @ \_\_\_\_\_ °C  
T.D.S. \_\_\_\_\_ mg/l Spec. Cond. 11,360  $\mu$ mhos/cm  
Logged By: S. ANDERSON Witnessed By: P. DAUENHAUER  
Comments: PART 2 OF 3 PARTS

TYPE OF SURVEYS RUN

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





WELL LOG

WELL LOCATION

County COLLIER  
 Station I. D. 021000041  
 Date 12-10-80 Well No. C-2028D  
 Latitude 025°58'57" Longitude 081°42'52"  
 NE 1/4 Section 33 Township 51S Range 26E  
 Owner S.F.W.M.D. Phone 305-686-8800  
 Driller S.F.W.M.D. Date Drilled 12-10-80

WELL CONSTRUCTION

Drilling Method: Rot X Air CT Auger Other  
 T. Depth - Driller 360 T. Depth - Logger 355'  
 Casing Depth Driller 360' Casing Depth Logger  
 Bit Size 9.8" Casing Dia. I.D. 5.80"  
 Hole Dia. 6.0 From 0 To 360 Dia. From To  
 Type of Casing R.V.C Casing Thickness 0.3"  
 Type of Screen OPEN HOLE Screen Int. From To  
 Type of Packing Well Use MONITOR  
 Static Water Level Date 12-10-80  
 Yield Flow Pump

DATUM

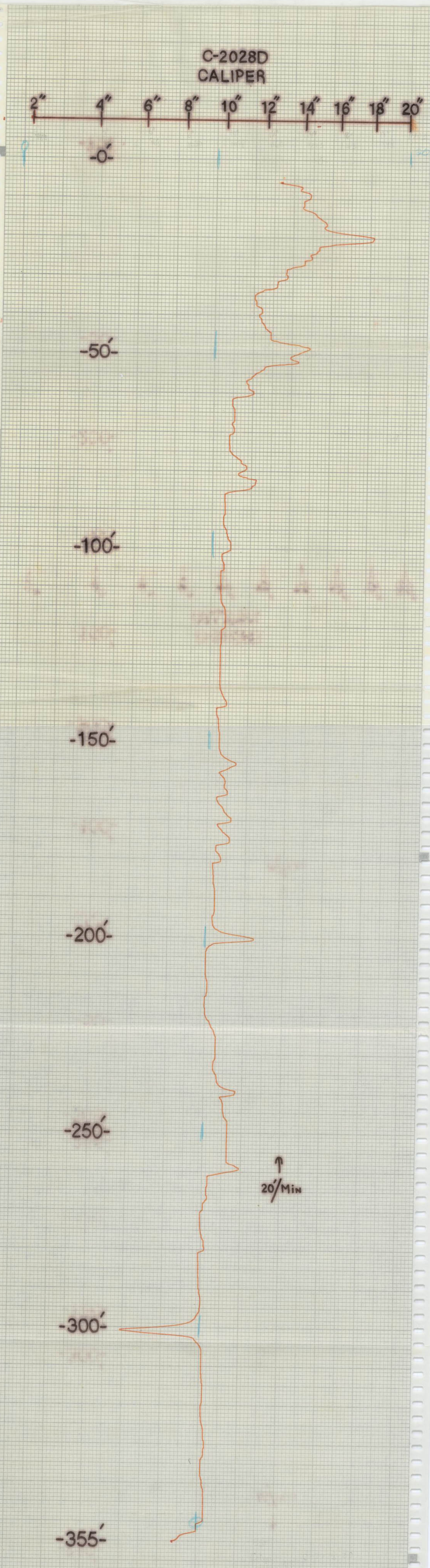
K.B. \_\_\_\_\_ L.S. 0.0 T.O.C. \_\_\_\_\_

FLUID QUALITY

Date 12-10-80 Time 1400 Source of Sample WELLHEAD  
 Cl \_\_\_\_\_ mg/l Type of Fluid DRILL MUD  
 Temp. 80.6°F Field Density @ \_\_\_\_\_ °C  
 T.D.S. \_\_\_\_\_ mg/l Spec. Cond. 7219.0 umhos/cm  
 Logged By: S. ANDERSON Witnessed By: P. DAVENMAIER  
 Comments: PART 1 OF 3 PARTS.

TYPE OF SURVEYS RUN

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







WELL LOG

WELL LOCATION

County COLLIER  
Station I. D. 021000041  
Date 12-10-80 Well No. C-2028D  
Latitude 025°58'57" Longitude 081°42'52"  
NE 1/4 NW 24 1/4 Section 33 Township 51S Range 26E  
Owner S.F.W.M.D. Phone 305-686-8800  
Driller S.F.W.M.D. Date Drilled 12-10-80

DATUM

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

FLUID QUALITY

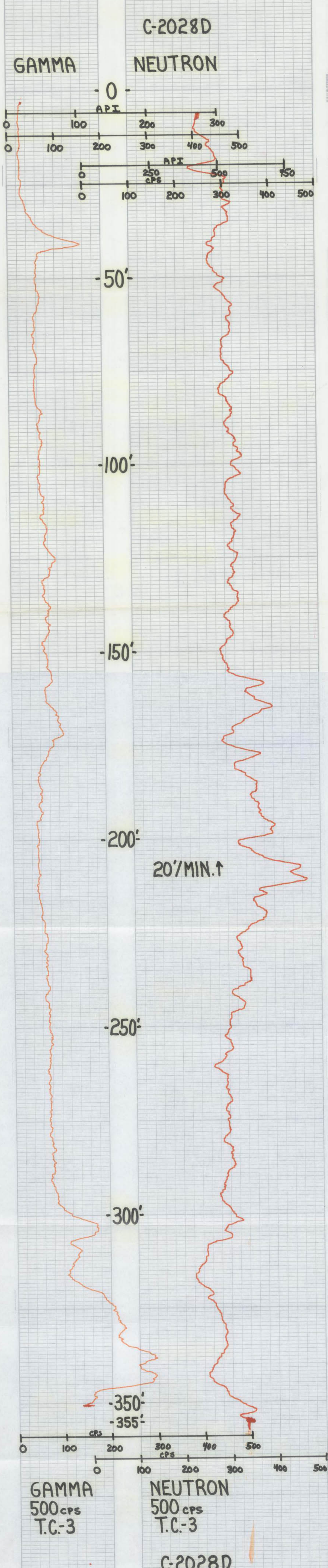
Date 12-10-80 Time 1400 Source of Sample WELLHEAD  
Cl \_\_\_\_\_ mg/l Type of Fluid DRILL MUD  
Temp. 80.6°F Field Density \_\_\_\_\_ @ \_\_\_\_\_ °C  
T.D.S. \_\_\_\_\_ mg/l Spec. Cond. 7219.0 umhos/cm  
Logged By: S. ANDERSON Witnessed By: ? DAVENHAWER  
Comments: PART 1 OF 3 PARTS.

WELL CONSTRUCTION

Drilling Method: Rot.  Air  CT  Auger  Other \_\_\_\_\_  
T. Depth - Driller 360 T. Depth - Logger 355'  
Casing Depth Driller 360' Casing Depth Logger \_\_\_\_\_  
Bit Size 9.8" Casing Dia. I.D. 5.80"  
Hole Dia. 6.0 From 0 To 360 Dia. From \_\_\_\_\_ To \_\_\_\_\_  
Type of Casing P.V.C. Casing Thickness 0.3"  
Type of Screen OPEN HOLE Screen Int. From \_\_\_\_\_ To \_\_\_\_\_  
Type of Packing \_\_\_\_\_ Well Use MONITOR  
Static Water Level \_\_\_\_\_ Date 12-10-80  
Yield Flow \_\_\_\_\_ Pump \_\_\_\_\_

TYPE OF SURVEYS RUN

Lateral 6"   
Caliper   
Flow meter   
16", 64" normals   
Neutron   
Natural Gamma   
Fluid Resistivity   
Density   
occi   
Fluid Sampler   
Temperature   
Delta Temp.   
SP







WELL LOG

WELL LOCATION

County COLLIER  
Station I. D. 021000041  
Date 12-10-80 Well No. C-2028D  
Latitude 025° 58' 57" Longitude 081° 42' 52"  
NE 1/4 NW 20 1/4 Section 33 Township 51S Range 26E  
Owner S.F.W.M.D. Phone 305-686-8800  
Driller S.F.W.M.D. Date Drilled 12-10-80

WELL CONSTRUCTION

Drilling Method: Rot.  Air  CT  Auger  Other   
T. Depth - Driller 360 T. Depth - Logger 355'  
Casing Depth Driller 360' Casing Depth Logger \_\_\_\_\_  
Bit Size 9.8" Casing Dia. I.D. 5.80"  
Hole Dia. 6.0 From 0 To 360 Dia. From \_\_\_\_\_ To \_\_\_\_\_  
Type of Casing P.V.C. Casing Thickness 0.3"  
Type of Screen OPEN HOLE Screen Int. From \_\_\_\_\_ To \_\_\_\_\_  
Type of Packing \_\_\_\_\_ Well Use MONITOR  
Static Water Level \_\_\_\_\_ Date 12-10-80  
Yield Flow \_\_\_\_\_ Pump \_\_\_\_\_

DATUM

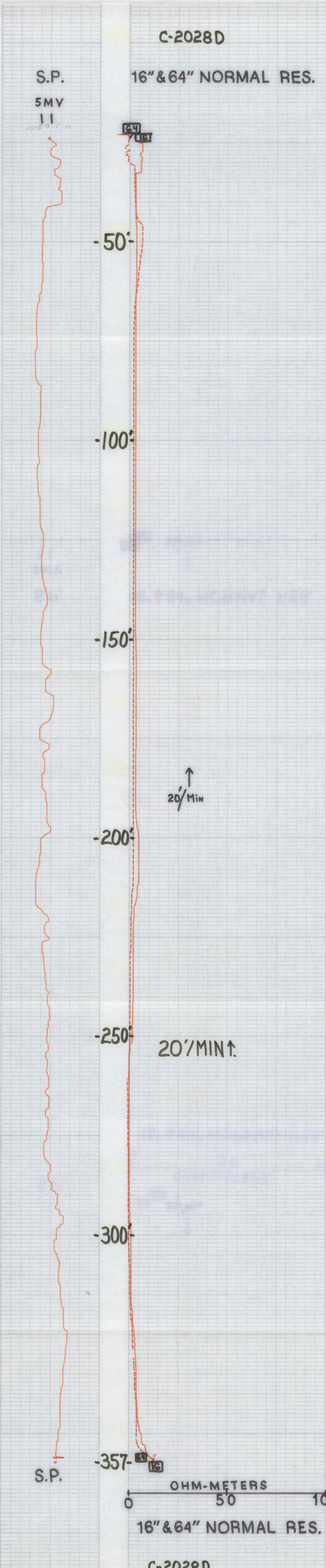
K.B. \_\_\_\_\_ L.S. 0.0 T.O.C. \_\_\_\_\_

FLUID QUALITY

Date 12-10-80 Time 1400 Source of Sample WELLHEAD  
Cl \_\_\_\_\_ mg/l Type of Fluid DRILL MUD  
Temp. 80.6°F Field Density \_\_\_\_\_ @ \_\_\_\_\_ °C  
T.D.S. \_\_\_\_\_ mg/l Spec. Cond. 7219.0 umhos/cm  
Logged By: S. ANDERSON Witnessed By: P. DAENHAUER  
Comments: PART 1 OF 3 PARTS.

TYPE OF SURVEYS RUN

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







WELL LOG

WELL LOCATION

County COLLIER  
 Station I. D. 021000041  
 Date 12-10-80 Well No. C-2028D  
 Latitude 025° 58' 57" Longitude 081° 42' 52"  
 NE ¼ NW ¼ Section 33 Township 51S Range 26E  
 Owner S.F.W.M.D. Phone 305-686-8800  
 Driller S.F.W.M.D. Date Drilled 12-10-80

DATUM

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

FLUID QUALITY

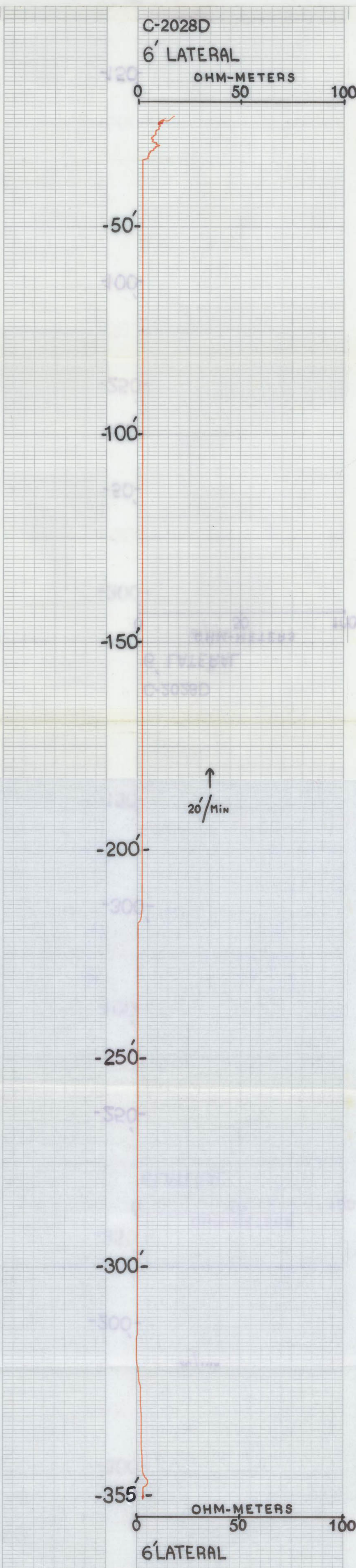
Date 12-10-80 Time 1400 Source of Sample WELLHEAD  
 Cl \_\_\_\_\_ mg/l Type of Fluid DRILL MUD  
 Temp. 80.6 °F Field Density \_\_\_\_\_ @ \_\_\_\_\_ °C  
 T.D.S. \_\_\_\_\_ mg/l Spec. Cond. 7219.0 umhos/cm  
 Logged By: S. ANDERSON Witnessed By: P. DAENHAUSER  
 Comments: PART 1 OF 3 PARTS.

WELL CONSTRUCTION

Drilling Method: Rot K Air CT Auger \_\_\_\_\_ Other \_\_\_\_\_  
 T. Depth - Driller 360 T. Depth - Logger 355'  
 Casing Depth Driller 360' Casing Depth Logger \_\_\_\_\_  
 Bit Size 9.8" Casing Dia. I.D. 5.80"  
 Hole Dia. 6.0 From 0 To 360 Dia. From \_\_\_\_\_ To \_\_\_\_\_  
 Type of Casing P.V.C. Casing Thickness 0.3"  
 Type of Screen OPEN HME. Screen Int. From \_\_\_\_\_ To \_\_\_\_\_  
 Type of Packing \_\_\_\_\_ Well Use MONITOR  
 Static Water Level \_\_\_\_\_ Date 12-10-80  
 Yield Flow \_\_\_\_\_ Pump \_\_\_\_\_

TYPE OF SURVEYS RUN

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







WELL LOG

WELL LOCATION

County COLLIER  
 Station I. D. Q21222241  
 Date 03-19-81 Well No. C-2028D  
 Latitude 025°58'57" Longitude 081°42'52"  
 NE 1/4 NW 1/4 SW 1/4 Section 33 Township 51S Range 24E  
 Owner S. F. W. M. D. Phone 305-646-8800  
 Driller S. F. W. M. D. Date Drilled 03-19-81

DATUM

K.B. \_\_\_\_\_ L.S. 0.0 L.S. T.O.C. X

FLUID QUALITY

Date 03-19-81 Time 1400 Source of Sample WELL HEAD  
 Cl \_\_\_\_\_ mg/l Type of Fluid FORMATION WATER  
 Temp. 82.6°F Field Density \_\_\_\_\_ @ \_\_\_\_\_ °C  
 T.D.S. \_\_\_\_\_ mg/l Spec. Cond. 11,360 umhos/cm  
 Logged By: S. ANDERSON Witnessed By: P. DAVENHAWER  
 Comments: PART 2 OF 3 PARTS

WELL CONSTRUCTION

Drilling Method: Rot.  Air  CT  Auger  Other \_\_\_\_\_  
 T. Depth - Driller \_\_\_\_\_ T. Depth - Logger 780'  
 Casing Depth Driller 360' Casing Depth Logger 360'  
 Bit Size 7.8" Casing Dia. I.D. 5.80"  
 Hole Dia. 6.0 From 0 To 360 Dia. From \_\_\_\_\_ To \_\_\_\_\_  
 Type of Casing P.V.C. Casing Thickness 0.3"  
 Type of Screen OPEN HOLE Screen Int. From \_\_\_\_\_ To \_\_\_\_\_  
 Type of Packing \_\_\_\_\_ Well Use MONITOR  
 Static Water Level \_\_\_\_\_ Date 03-19-81  
 Yield Flow \_\_\_\_\_ Pump \_\_\_\_\_

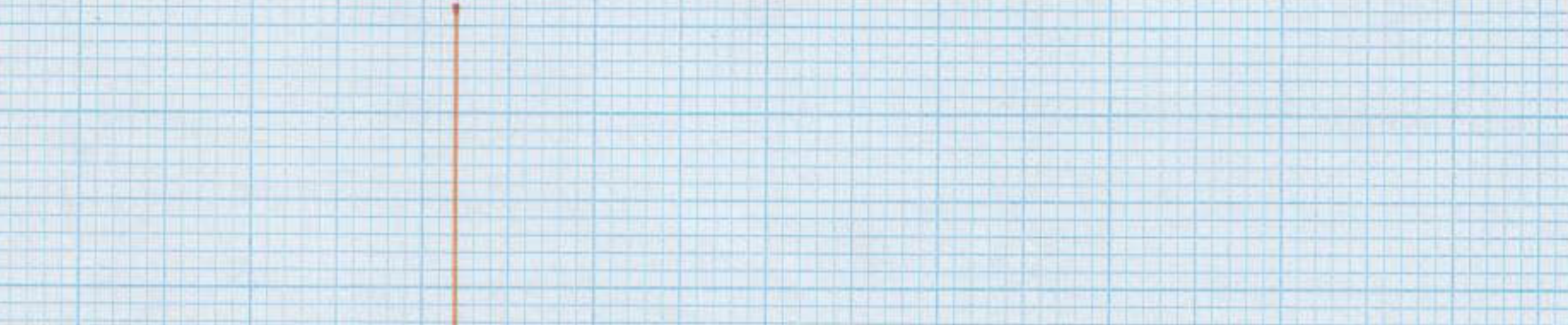
TYPE OF SURVEYS RUN

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

C-2028D

CALIPER

HOLE DIA.



-0-

-50'

-100'

-150'

-200'

-250'

-300'

-350'

-400'

-450'

-500'

-550'

20'/MIN. ↑

-600'

-650'

-700'

-750'

-770'

CALIPER

C-2028D



6339  
 RECORDED & INDEXED  
 GRAPHIC CONTROLS CORPORATION - BUFFALO, NEW YORK





WELL LOG

WELL LOCATION

County COLLIER  
 Station I. D. 021000041  
 Date 06/15/83 Well No. C-2028D  
 Latitude 025°-53'-57" Longitude 081°-42'-52"  
 NE 1/4 NW 1/4 Section 33 Township 51S Range 26E  
 Owner S.F.W.M.D. Phone (305) 686-8800  
 Driller S.F.W.M.D. Date Drilled 03/19/81

WELL CONSTRUCTION

Drilling Method: Rot  Air  CT  Auger  Other   
 T. Depth - Driller \_\_\_\_\_ T. Depth - Logger 774'  
 Casing Depth Driller \_\_\_\_\_ Casing Depth Logger 360'  
 Bit Size \_\_\_\_\_ Casing Dia. I.D. 5.8"  
 Hole Dia. 6" From 0' To 774' Dia. \_\_\_\_\_ From \_\_\_\_\_ To \_\_\_\_\_  
 Type of Casing P.V.C. Casing Thickness 0.2"  
 Type of Screen OPENHOLE Screen Int. From \_\_\_\_\_ To \_\_\_\_\_  
 Type of Packing \_\_\_\_\_ Well Use MONITOR  
 Static Water Level \_\_\_\_\_ Date \_\_\_\_\_  
 Yield Flow \_\_\_\_\_ Pump \_\_\_\_\_

DATUM

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

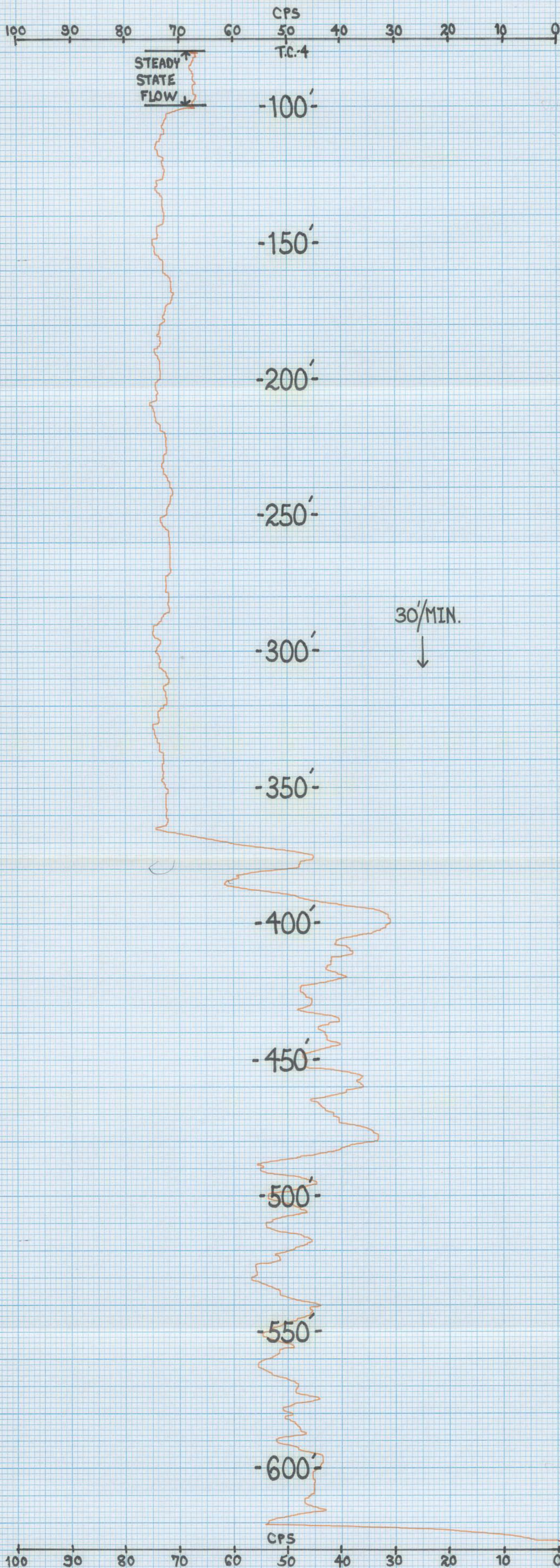
FLUID QUALITY

Date 06/15/83 Time 1100 Source of Sample WELL HEAD  
 Cl \_\_\_\_\_ mg/l Type of Fluid FORMATION WATER  
 Temp. 84.0°F Field Density \_\_\_\_\_ @ \_\_\_\_\_ °C  
 T.D.S. \_\_\_\_\_ mg/l Spec. Cond. 14,840.0  $\mu$ mhos/cm  
 Logged By: P. Dauenbauer Witnessed By: S. Anderson  
 Comments: \_\_\_\_\_

TYPE OF SURVEYS RUN

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

C-2028D  
FLOWMETER



PRINTED IN U.S.A. 6339 RECORRING CHARTS GRAPHIC CONTROLS CORPORATION BUFFALO, NEW YORK





WELL LOG

WELL LOCATION

County COLLIER  
Station I. D. 021000041  
Date 06/15/83 Well No. C-2028D  
Latitude 025°-58'-57" Longitude 081°-42'-52"  
NE 1/4 NW 1/4 Section 33 Township 51S Range 26E  
Owner S.F.W.M.D. Phone (305) 686-8800  
Driller S.F.W.M.D. Date Drilled 03/19/81

DATUM

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

FLUID QUALITY

Date 06/15/83 Time 1100 Source of Sample WELL HEAD  
Cl \_\_\_\_\_ mg/l Type of Fluid FORMATION WATER  
Temp. 84.0°F Field Density \_\_\_\_\_ @ \_\_\_\_\_ °C  
T.D.S. \_\_\_\_\_ mg/l Spec. Cond. 14,840.0 umhos/cm  
Logged By: P. Dauenbauer Witnessed By: S. Anderson

WELL CONSTRUCTION

Drilling Method: Rot.  Air  CT  Auger  Other \_\_\_\_\_  
T. Depth - Driller \_\_\_\_\_ T. Depth - Logger 774'  
Casing Depth Driller \_\_\_\_\_ Casing Depth Logger 360'  
Bit Size \_\_\_\_\_ Casing Dia. I.D. 5.8"  
Hole Dia. 6" From 0' To 774' Dia. From \_\_\_\_\_ To \_\_\_\_\_  
Type of Casing P.V.C. Casing Thickness 0.2"  
Type of Screen OPENHOLE Screen Int. From \_\_\_\_\_ To \_\_\_\_\_  
Type of Packing \_\_\_\_\_ Well Use MONITOR  
Static Water Level \_\_\_\_\_ Date \_\_\_\_\_  
Yield Flow \_\_\_\_\_ Pump \_\_\_\_\_

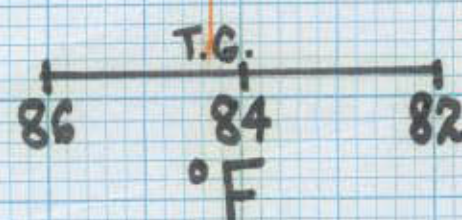
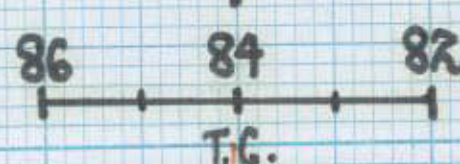
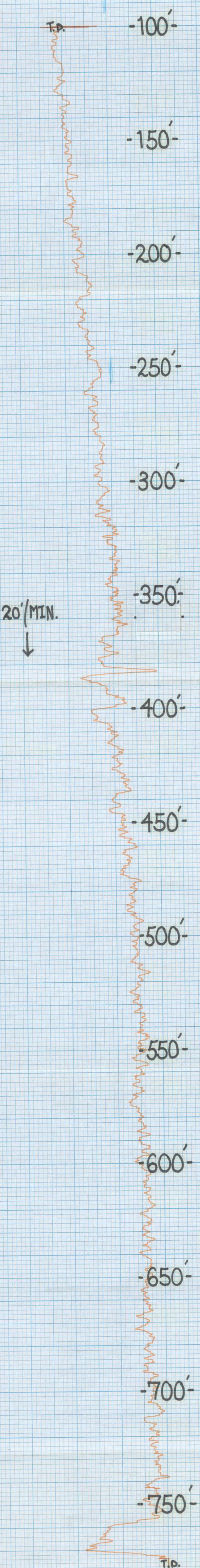
Comments:

TYPE OF SURVEYS RUN

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

C-2028D  
TEMPERATURE  
DIFFERENTIAL

TEMPERATURE  
GRADIENT  
°F







WELL LOG

WELL LOCATION

County COLLIER  
 Station I. D. 021000041  
 Date 4-28-81 Well No. C-2028D  
 Latitude 025° 58' 57" Longitude 081° 42' 52"  
 NE 1/4 NW 1/4 SW 1/4 Section 33 Township 51S Range 26E  
 Owner S.F.W.M.D. Phone 305-686-8800  
 Driller S.F.W.M.D. Date Drilled 03-19-81  
 Drilling Method: Rot  Air  CT  Auger  Other   
 T. Depth - Driller 780' T. Depth - Logger 772'  
 Casing Depth Driller 360' Casing Depth Logger 360'  
 Bit Size 7.8" Casing Dia. I.D. 5.80"  
 Hole Dia. 6.0" From 0 To 360' Dia. From      To       
 Type of Casing P.V.C. Casing Thickness 0.3"  
 Type of Screen OPEN HOLE Screen Int. From      To       
 Type of Packing      Well Use MONITOR  
 Static Water Level      Date 04-28-81  
 Yield Flow ≈ 500 G.P.H. Pump     

DATUM

K.B.      L.S. 0.0 T.O.C.     

FLUID QUALITY

Date 04-28-81 Time 1400 Source of Sample WELLHEAD  
 Cl      mg/l Type of Fluid FORMATION WATER  
 Temp. 83.7°F Field Density      @      °C  
 T.D.S.      mg/l Spec. Cond. 11,200 umhos/cm  
 Logged By: S. ANDERSON Witnessed By: P. DAUENHAUER

Comments: LOGGED WELL AFTER BEING FULLY DEVELOPED - PART 3 -

TYPE OF SURVEYS RUN

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

C-2028D

FLOWMETER  
CPS

-100- 90 80 70 60 50 40 30 20 10 0

TC-3

-300'

-350'

-400'

30'/MIN  
↓

-450'

-500'

-550'

-600'

-650'

-700'

TOOL STUCK

-750'

-774'

FLOWMETER  
C-2028D

3000-2000  
4000-2000  
5000-2000  
6000-2000

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WELL LOG

WELL LOCATION

County COLLIER  
Station I. D. 021000041  
Date 4-28-81 Well No. C-2028D  
Latitude 025° 58' 57" Longitude 081° 42' 52"  
NE 1/4 NW 1/4 SW 1/4 Section 33 Township 51S Range 26E  
Owner S.F.W.M.D. Phone 305-686-8800  
Driller S.F.W.M.D. Date Drilled 03-19-81

DATUM

K.B. \_\_\_\_\_ L.S. 0.0 LS T.O.C. \_\_\_\_\_

FLUID QUALITY

Date 04-28-81 Time 1400 Source of Sample WELLHEAD  
Cl \_\_\_\_\_ mg/l Type of Fluid FORHATION WATER  
Temp. 83.7°F Field Density \_\_\_\_\_ @ \_\_\_\_\_ °C  
T.D.S. \_\_\_\_\_ mg/l Spec. Cond. 11,200 umhos/cm  
Logged By: S. ANDERSON Witnessed By: P. DAVENHAUER

WELL CONSTRUCTION

Drilling Method: Rot.  Air  CT  Auger  Other \_\_\_\_\_  
T. Depth - Driller 780' T. Depth - Logger 772'  
Casing Depth Driller 360' Casing Depth Logger 360'  
Bit Size 7.8" Casing Dia. I.D. 5.80"  
Hole Dia. 6.0" From 0 To 360' Dia. From \_\_\_\_\_ To \_\_\_\_\_  
Type of Casing P.V.C. Casing Thickness 0.3"  
Type of Screen OPEN HOLE Screen Int. From \_\_\_\_\_ To \_\_\_\_\_  
Type of Packing \_\_\_\_\_ Well Use MONITOR  
Static Water Level \_\_\_\_\_ Date 04-28-81  
Yield Flow ≈ 500 G.P.M. Pump \_\_\_\_\_

TYPE OF SURVEYS RUN

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

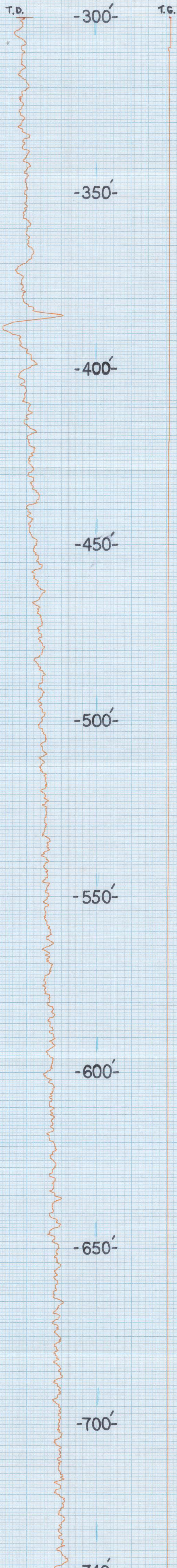
C-2028D

TEMPERATURE DIFFERENTIAL

TEMPERATURE GRADIENT

°F

88 86 84 82



T.D. TEMPERATURE DIFFERENTIAL T.G. TEMPERATURE GRADIENT  
C-2028D









WELL LOG

WELL LOCATION

County COLLIER  
 Station I. D. 021000041  
 Date 03-19-81 Well No. C-2028D  
 Latitude 025° 58' 57" Longitude 081° 42' 52"  
 NE  $\frac{1}{4}$  NW  $\frac{1}{4}$  SW  $\frac{1}{4}$  Section 33 Township 51S Range 26E  
 Owner S.F.W.M.D. Phone 305-686-8800  
 Driller S.F.W.M.D. Date Drilled 03-19-81

DATUM

K.B. \_\_\_\_\_ L.S. 0.0 L.S. T.O.C. X

FLUID QUALITY

Date 03-19-81 Time 1400 Source of Sample WELL HEAD  
 Cl \_\_\_\_\_ mg/l Type of Fluid FRESHWATER  
 Temp. 82.6 °F % Field Density \_\_\_\_\_ @ \_\_\_\_\_ °C  
 T.D.S. \_\_\_\_\_ mg/l Spec. Cond. 11,360  $\mu$ mhos/cm  
 Logged By: S. ANDERSON Witnessed By: P. DAUENHAUER

Comments: PART 2 OF 3 PARTS

WELL CONSTRUCTION

Drilling Method: Rot. X Air \_\_\_\_\_ CT \_\_\_\_\_ Auger \_\_\_\_\_ Other \_\_\_\_\_  
 T. Depth - Driller \_\_\_\_\_ T. Depth - Logger 780'  
 Casing Depth Driller 360' Casing Depth Logger 360'  
 Bit Size 7.8" Casing Dia. I.D. 5.80"  
 Hole Dia. 6.0 From 0 To 360 Dia. \_\_\_\_\_ From \_\_\_\_\_ To \_\_\_\_\_  
 Type of Casing P.V.C. Casing Thickness 0.3"  
 Type of Screen OPEN HOLE Screen Int. From \_\_\_\_\_ To \_\_\_\_\_  
 Type of Packing \_\_\_\_\_ Well Use MONITOR  
 Static Water Level \_\_\_\_\_ Date 03-19-81  
 Yield Flow \_\_\_\_\_ Pump \_\_\_\_\_

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 ( )  
 Fluid Resistivity ( )

