

# 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	CARD C	WELL NO.	COUNTY	LAT DEG	LAT MIN	LAT SEC	LOX DEG	LOX MIN	LOX SEC	
021000016	103178	W11	GJ 1-7	COLLIER	26	06	29	81	43	13	

## 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; NE1/4; NE1/4	20	S05	S26E	LWC

## WELL DATUM CARD

1	17	20	26	32	38	44	59
STATION I. D.	SURVEY DATE	CARD C	KELLY BUSH-ING (FEET)	LAND SUR-ING FACE (FT)	TOP OF CASING (FT)	OTHER (FT) (SEE NOTES)	DATUM (CHECK ONE)
		W21			8.58		MSL-X; LS-; 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	SFWMD				TEST EXP.

## 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	SFWMD	WEST PALM BEACH	ROTARY	101178

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).

Jana

# 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.	
021000016	103178	W51	173.0	154	9.0		5.0	4.25	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	PVC	NONE	2.5	0.4	9.0	167.0

## 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		PVC	5.0	0	9.0		NONE

## 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		PVC	2.5	0.0	9.0		CUTTINGS/CEMENT

## 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.  
 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.

Jane

# 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 I. D.		SURVEY DATE		CARD C	LOGGED BY	WITNESSED BY				*****				
021000016		103178		W71	R. KNITTEL	P. DAUENHAUER				ABCDEFGHIJKLMNOPQRST XXXX XXXX				

\*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 I. D.		SURVEY DATE		CARD C	SAMPLE SOURCE (WELLHEAD, ETC.)	TYPE FLUID	DATE SAMPLED	TIME SAMPLED
				W81	WELLHEAD	WATER	103178	1000

## FLUID QUALITY CARD TWO

1	17	20	25	32	35	41	47	53	60	64	70	75		
STATION I. D.		SURVEY DATE		CARD C	TEMP. OF SAMPLE	FIELD SP. GRAVITY	FIELD PH	CHLORIDE (MG/L)	DISSOLVED SOLIDS	SPEC. COND. (U-MHO/CM)	STATIC WATER LEVEL (FEET)	W/L REF FROM	FLOW RATE (GAL/MIN)	PUMP RATE (GAL/MIN)
				W82	73.6 F					1460				

## COMMENT CARDS

1	17	20	40	60	76		
STATION I. D.		SURVEY DATE		CARD C	COMMENTS - LINE 1	COMMENTS - LINE 2	COMMENTS - LINE 3
				W91	Log Thru PVC	Slotted SCREEN	
1	17	20	40	60	76		
STATION I. D.		SURVEY DATE		CARD C	COMMENTS - LINE 4	COMMENTS - LINE 5	COMMENTS - 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.

Jane

# WELL STATION IDENTIFICATION

FORM 62 - 12/77

(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	A CARD C	WELL NO.	COUNTY	LAT DEG	LAT MIN	LAT SEC	LON DEG	LON MIN	LON SEC	
021000016	10/1/78	W11	65 1-7	COLLIER	26	06	29	81	43	13	

## WELL LOCATION CARD TWO

1	17	20	37	39	42	45	61
STATION I. D.	SURVEY DATE	A CARD C	QUARTERSECTIONS	SEC	TOWNSHIP	RANGE	WATER MANAGEMENT DISTRICT PLANNING AREA
		W12	NE1/4; NE1/4; NE1/4	20	50S	26R	LWC

## 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		5	<del>10</del>		MSL- <input checked="" type="checkbox"/> ; LS- <input type="checkbox"/> ; TOC- <input checked="" type="checkbox"/>

*take out*

## WELL OWNERSHIP CARD

1	17	20	37	54	57	64	80
STATION I. D.	SURVEY DATE	A CARD C	NAME OF OWNER	GROVE/PROPERTY NAME	AREA CODE	TELEPHONE	WELL USE
		W31	SFUMD				TEST EXP.

## 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	SFUMD	WEST PALM BEACH	MVD ROTARY	10/1/78

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).

*Tish*

# WELL STATION IDENTIFICATION

FORM 63 - 12/77

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

PAGE 2 OF 2

## WELL DESCRIPTION - CONSTRUCTION CARD ONE

1	10	16	20	27	34	41	48	54	59	68
STATION I. D.	SURVEY DATE	ACTION CARD	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.	
	1/01/78	W5.1	173.0	154	9.0		5.0	4.25	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	ACTION CARD	TYPE OF SCREEN	TYPE OF PACKING	DIA. OF SCREEN	SLOT SIZE (INCHES)	SCREEN BEGINS	SCREEN ENDS (FT)
		W5.2	<del>STIFFED PVC</del> open Hole	None				

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

1	17	20	22	39	44	49	54	59	75
STATION I. D.	SURVEY DATE	ACTION CARD	SEC TYPE OF CASING	NOM. DIA. (INCHES)	BEGIN DEPTH	END DEPTH (FEET)	THICKNESS (INCHES)	TYPE OF ANNULUS FILL	
		W6.10	PVC	5.00	0.0	9.0		None	

## WELL DESCRIPTION - CONFIGURATION CARD. SECTION TWO

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

## WELL DESCRIPTION - CONFIGURATION CARD. SECTION THREE

1	17	20	22	39	44	49	54	59	75
STATION I. D.	SURVEY DATE	ACTION CARD	SEC TYPE OF CASING	NOM. DIA. (INCHES)	BEGIN DEPTH	END DEPTH (FEET)	THICKNESS (INCHES)	TYPE OF ANNULUS FILL	
		W6.30	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.

TISH

# WELL SURVEY REPORT

FORM 61 - 12/77  
(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
	10/1/78	W71	MP BROWN	DIK KITTLE		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	MUD PIT	BENTONITE	10/1/78	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	248									

## 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	E-LOG #2 RUN IN O	PEN HOLE - 64" re	s. log not cal.

1	17	20	40	60	76
STATION	SURVEY	CARD	COMMENTS	COMMENTS	COMMENTS
I. D.	DATE	C	- LINE 4	- LINE 5	- LINE 6
		W92	these surveys per	sermed fac. test	purposes

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 LOG

WELL LOCATION

County Collier  
 Station I. D. 0 2 1 0 0 0 1 6  
 Date 10/31/78 Well No. GJ 1-7  
 Latitude 26° 06' 29" Longitude 81° 43' 13"  
NE 1/4 NE 1/4 NE 1/4 Section 20 Township 50S Range 26E  
 Owner SFWMD Phone 686-8800  
 Driller SFWMD Date Drilled 10/11/78

WELL CONSTRUCTION

Drilling Method: Rot.  Air  CT  Auger  Other \_\_\_\_\_  
 T. Depth - Driller 173.0' T. Depth - Logger 154.0'  
 Casing Depth Driller 9.0' Casing Depth Logger \_\_\_\_\_  
 Bit Size 4.25" Casing Dia. I.D. 5.0"  
 Hole Dia. \_\_\_\_\_ From \_\_\_\_\_ To \_\_\_\_\_ Dia. \_\_\_\_\_ From \_\_\_\_\_ To \_\_\_\_\_  
 Type of Casing PVC Casing Thickness \_\_\_\_\_  
 Type of Screen PVC Screen Int. From 9.0' To 167'  
 Type of Packing \_\_\_\_\_ Well Use test exploratory  
 Static Water Level \_\_\_\_\_ Date \_\_\_\_\_  
 Yield Flow \_\_\_\_\_ Pump \_\_\_\_\_

DATUM

K.B. \_\_\_\_\_ L.S. \_\_\_\_\_ T.O.C. 8.58 msf

FLUID QUALITY

Date 10/31/78 Time 1000 Source of Sample wellhead  
 Cl \_\_\_\_\_ mg/l Type of Fluid water  
 Temp. 73.6 °F Field Density \_\_\_\_\_ @ \_\_\_\_\_ °C  
 T.D.S. \_\_\_\_\_ mg/l Spec. Cond. 1460 umhos/cm  
 Logged By: R. Knittel Witnessed By: P. Dauenhauer  
 Comments: \_\_\_\_\_

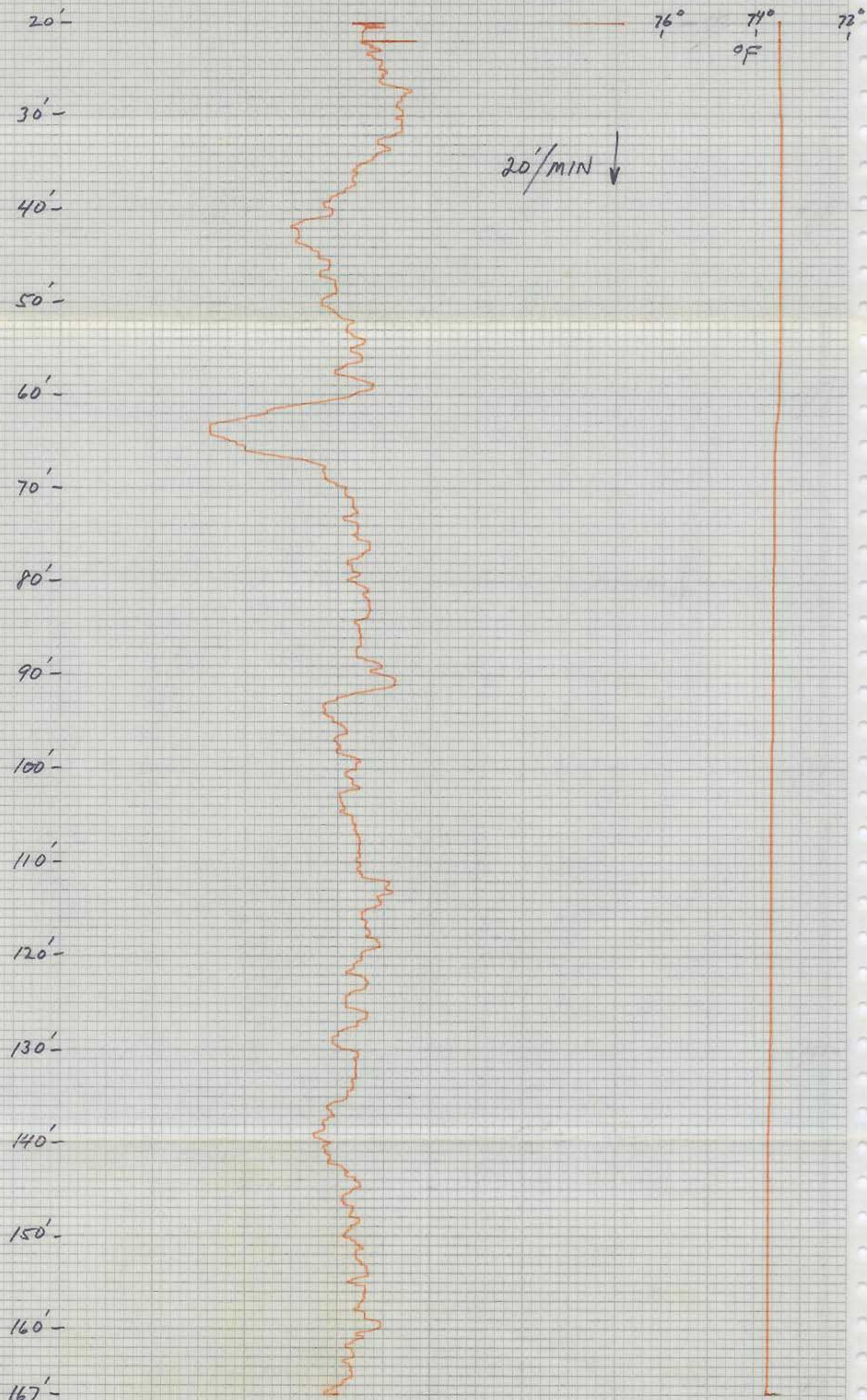
TYPE OF SURVEYS RUN

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

FLOWING CONDITIONS

DIFFERENTIAL TEMPERATURE

TEMPERATURE GRADIENT





WELL LOG

WELL LOCATION

County Collier  
 Station I. D. 0 2 1 0 0 0 1 6  
 Date 10/31/78 Well No. GJ 1-7  
 Latitude 26° 06' 29" Longitude 81° 43' 13"  
NE¼ NE¼ NE¼ Section 20 Township 50S Range 26E  
 Owner SFWMD Phone 686-8800  
 Driller SFWMD Date Drilled 10/11/78

DATUM

K.B. \_\_\_\_\_ L.S. \_\_\_\_\_ T.O.C. 8.58' ms'

FLUID QUALITY

Date 10/31/78 Time 1000 Source of Sample wellhead  
 Cl \_\_\_\_\_ mg/l Type of Fluid water  
 Temp. 73.6 Field Density \_\_\_\_\_ @ \_\_\_\_\_ °C  
 T.D.S. \_\_\_\_\_ mg/l Spec. Cond. 1460 umhos/cm  
 Logged By: R. Knittel Witnessed By: P. Dauenhauer  
 Comments: \_\_\_\_\_

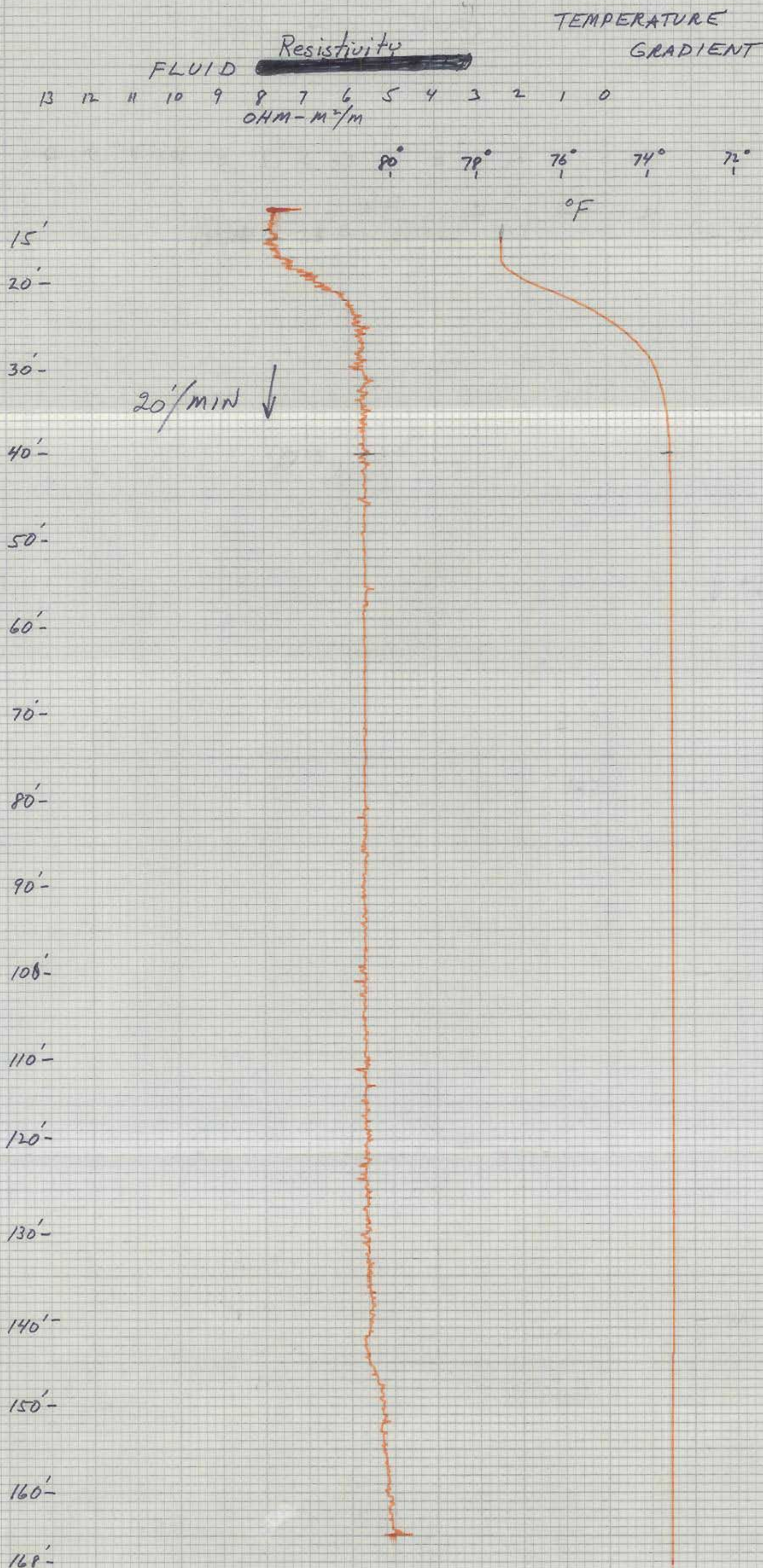
WELL CONSTRUCTION

Drilling Method: Rot.  Air  CT  Auger  Other \_\_\_\_\_  
 T. Depth - Driller 173.0' T. Depth - Logger 154.0'  
 Casing Depth Driller 9.0' Casing Depth Logger \_\_\_\_\_  
 Bit Size 4.25" Casing Dia. I.D. 5.0"  
 Hole Dia. \_\_\_\_\_ From \_\_\_\_\_ To \_\_\_\_\_ Dia. \_\_\_\_\_ From \_\_\_\_\_ To \_\_\_\_\_  
 Type of Casing PVC Casing Thickness \_\_\_\_\_  
 Type of Screen PVC Screen Int. From 9.0' To 167'  
 Type of Packing \_\_\_\_\_ Well Use test exploratory  
 Static Water Level \_\_\_\_\_ Date \_\_\_\_\_  
 Yield Flow \_\_\_\_\_ Pump \_\_\_\_\_

TYPE OF SURVEYS RUN

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

STATIC WELL CONDITIONS







WELL LOG

WELL LOCATION

County Collier

Station I. D. 0 2 1 0 0 0 0 1 6

Date 10/31/78 Well No. GJ 1-7

Latitude 26° 06' 29" Longitude 81° 43' 13"

NE NE NE Section 20 Township 50S Range 26E

Owner SPWMD Phone 686-8800

Driller SPWMD Date Drilled 10/11/78

WELL CONSTRUCTION

Drilling Method: Rot.  Air  Auger  Other

T. Depth - Driller 173.0' T. Depth - Logger 154.0'

Casing Depth Driller 9.0' Casing Depth Logger         

Bit Size 4.25" Casing Dia. I.D. 5.0"

Hole Dia. From          To          Dia. From          To         

Type of Casing PVC Casing Thickness         

Type of Screen PVC Screen Int. From 9' To 167'

Type of Packing          Well Use test exploratory

Static Water Level          Date         

Yield Flow          Pump         

DATUM

K.B.          L.S.          T.O.C. 8.58' MSL

FLUID QUALITY

Date 10/31/78 Time 1000 Source of Sample wellhead

Cl          mg/l Type of Fluid water

Temp. 73.6 °F Field Density          @          °C

T.D.S.          mg/l Spec. Cond. 1460 μmhos/cm

Logged By: R. Knittel Witnessed By: P. Dauenhauer

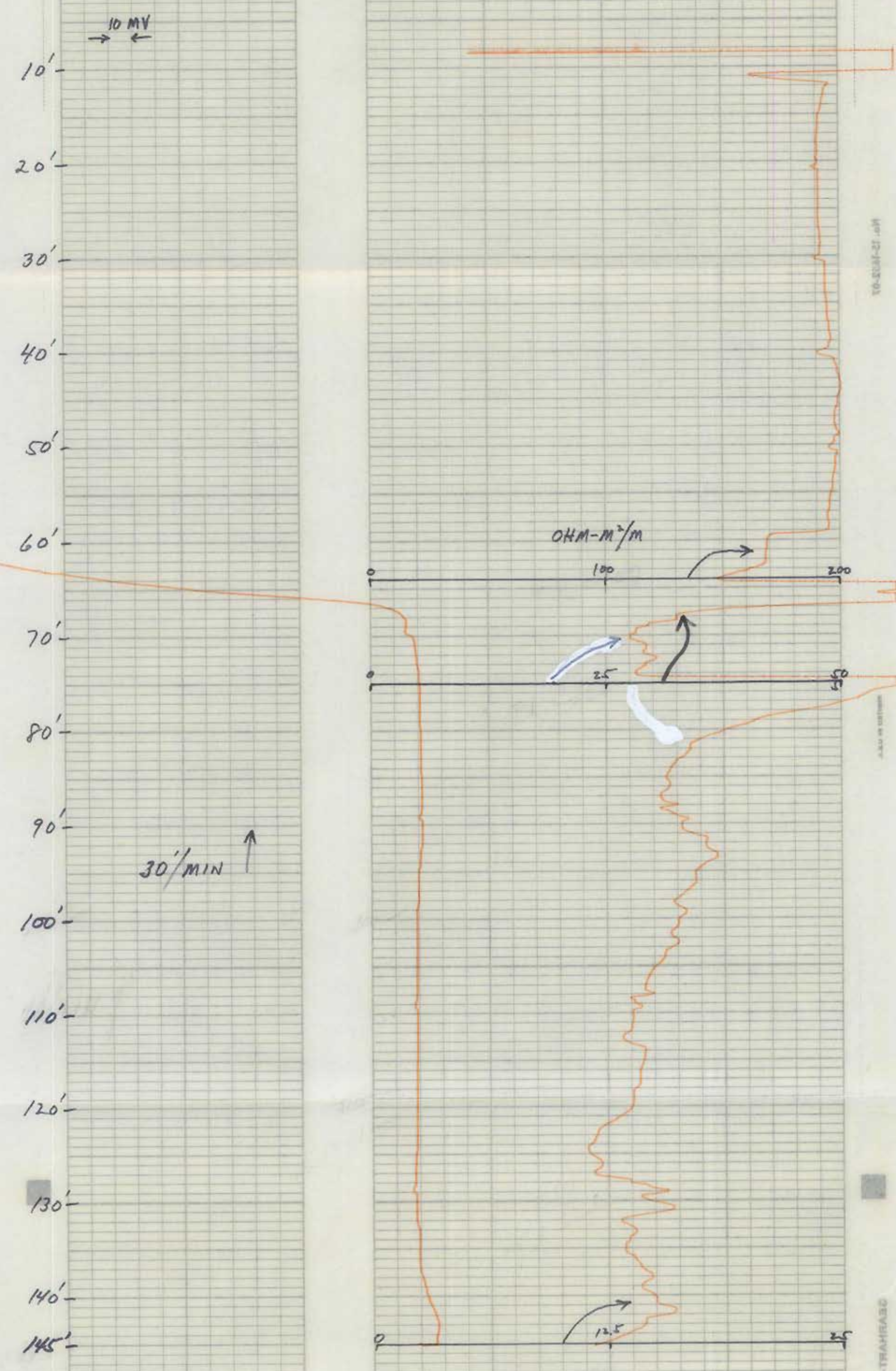
Comments: Logged thru slotted PVC 2.5"

TYPE OF SURVEYS RUN

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

SPONTANEOUS POTENTIAL

POINT RESISTANCE





WELL LOG

WELL LOCATION

County Collier  
 Station I. D. 0 2 1 0 0 0 1 6  
 Date 10/31/78 Well No. GJ 1-7  
 Latitude 26° 06' 29" Longitude 81° 43' 13"  
NE¼ NE¼ NE¼ Section 20 Township 50S Range 26E  
 Owner SFWMD Phone 686-9800  
 Driller SFWMD Date Drilled 10/11/78

WELL CONSTRUCTION

Drilling Method: Rot.  Air  CT  Auger  Other   
 T. Depth - Driller 173.0' T. Depth - Logger 154.0'  
 Casing Depth Driller 9.0' Casing Depth Logger 9.0'  
 Bit Size 4.25" Casing Dia. I.D. 5.0"  
 Hole Dia. From To Dia. From To  
 Type of Casing PVC Casing Thickness  
 Type of Screen PVC Screen Int. From 9.0' To 167'  
 Type of Packing Well Use test exploratory  
 Static Water Level Date  
 Yield Flow Pump

DATUM

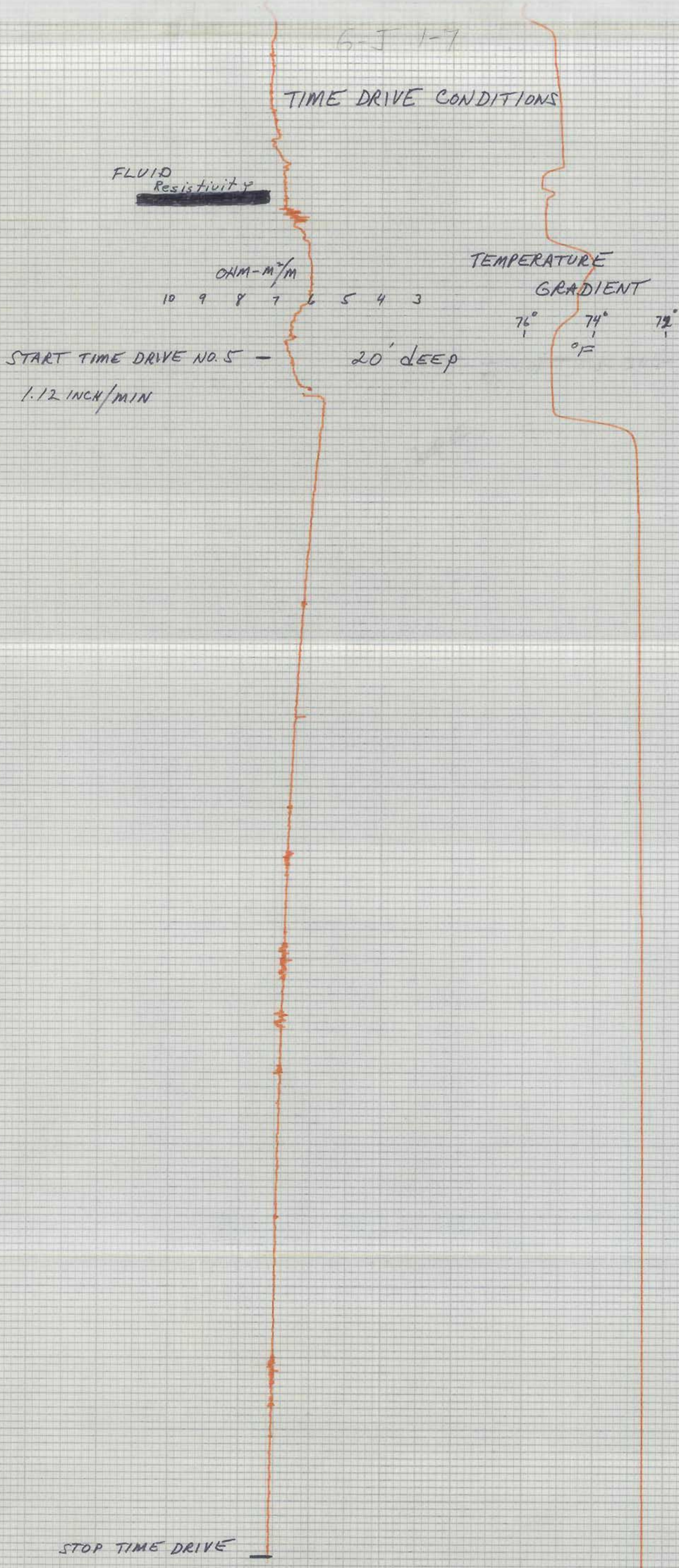
K.B. L.S. T.O.C. 8.58' msl

FLUID QUALITY

Date 10/31/78 Time 1000 Source of Sample wellhead  
 Cl            mg/l Type of Fluid water  
 Temp. 73.6 °F Field Density @ °C  
 T.D.S.            mg/l Spec. Cond. 1460 umhos/cm  
 Logged By: R. Knittel Witnessed By: P. Dauenhauer  
 Comments:

TYPE OF SURVEYS RUN

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





WELL LOG

WELL LOCATION

County COLLIER  
Station I. D. 021000016  
Date 10/11/78 Well No. GJ 1-7  
Latitude 26° 06' 29" Longitude 81° 43' 13"  
NE ¼ NE ¼ NE ¼ Section 20 Township 50S Range 26E  
Owner SFWM Phone 305-686-8800  
Driller SFWM Date Drilled 10/11/78

DATUM

K.B. \_\_\_\_\_ L.S. 5 FT MSL T.O.C. \_\_\_\_\_

FLUID QUALITY

Date 10/11/78 Time 1400 Source of Sample mud pit  
Cl \_\_\_\_\_ mg/l Type of Fluid bentonite  
Temp. 84.8 °C Field Density \_\_\_\_\_ @ \_\_\_\_\_ °C  
T.D.S. \_\_\_\_\_ mg/l Spec. Cond. \_\_\_\_\_ umhos/cm  
Logged By: M. P. Brown Witnessed By: R. Khittel

Comments: E-log #1 run in open hole 64" res. log not cal.

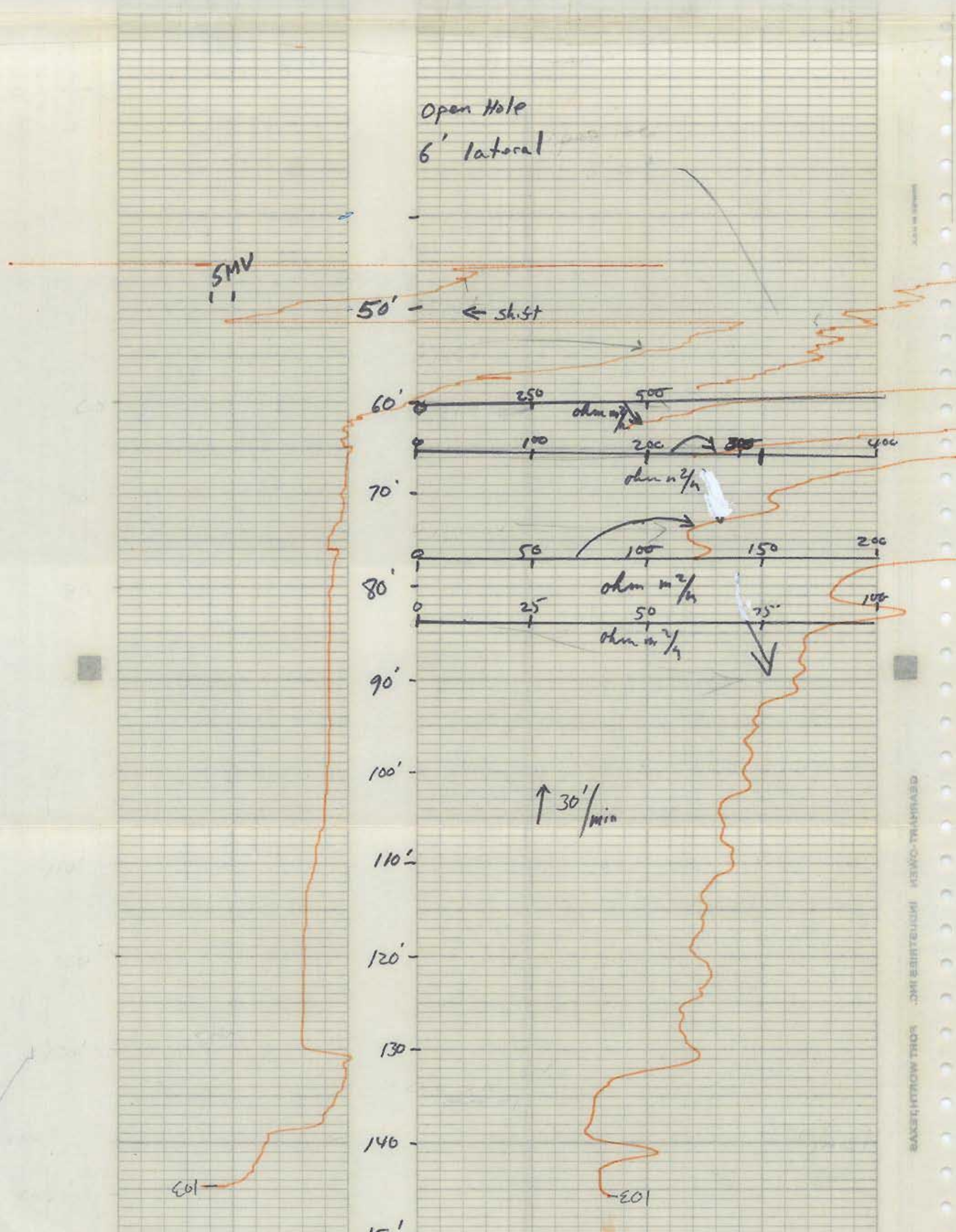
These surveys performed for test purposes to evaluate the feasibility of logging thru slotted PVC casing.

WELL CONSTRUCTION

Drilling Method: Rot.  Air  CT  Auger  Other \_\_\_\_\_  
T. Depth - Driller 173.0' T. Depth - Logger 154'  
Casing Depth Driller 9.0" Casing Depth Logger \_\_\_\_\_  
Bit Size 6.0" Casing Dia. I.D. 5.0"  
Hole Dia. \_\_\_\_\_ From \_\_\_\_\_ To \_\_\_\_\_ Dia. \_\_\_\_\_ From \_\_\_\_\_ To \_\_\_\_\_  
Type of Casing PVC Casing Thickness \_\_\_\_\_  
Type of Screen \_\_\_\_\_ Screen Int. From \_\_\_\_\_ To \_\_\_\_\_  
Type of Packing \_\_\_\_\_ Well Use exploratory  
Static Water Level \_\_\_\_\_ Date \_\_\_\_\_  
Yield Flow \_\_\_\_\_ Pump \_\_\_\_\_

TYPE OF SURVEYS RUN

- |                   |                                     |               |                                     |
|-------------------|-------------------------------------|---------------|-------------------------------------|
| Lateral 6'        | <input checked="" type="checkbox"/> | Density       | <input type="checkbox"/>            |
| Caliper           | <input type="checkbox"/>            | ccl           | <input type="checkbox"/>            |
| Flow meter        | <input type="checkbox"/>            | Fluid Sampler | <input type="checkbox"/>            |
| 16", 64" normals  | <input checked="" type="checkbox"/> | Temperature   | <input type="checkbox"/>            |
| Neutron           | <input type="checkbox"/>            | Delta Temp.   | <input type="checkbox"/>            |
| Natural Gamma     | <input type="checkbox"/>            | SP            | <input checked="" type="checkbox"/> |
| Fluid Resistivity | <input type="checkbox"/>            |               |                                     |



REVISIONS - OWNER INDUSTRIAL INC. SOUTH FLORIDA WATER MANAGEMENT DISTRICT



WELL LOG

WELL LOCATION

County Collier  
 Station I. D. 0 2 1 0 0 0 0 1 6  
 Date 10/31/78 Well No. GJ 1-7  
 Latitude 26° 06' 29" Longitude 81° 43' 13"  
NE¼ NE¼ NE¼ Section 20 Township 50S Range 26E  
 Owner SWMD Phone 686-8800  
 Driller SWMD Date Drilled 10/11/78

WELL CONSTRUCTION

Drilling Method: Rot. x Air CT Auger Other  
 T. Depth - Driller 173.0' T. Depth - Logger 154.0'  
 Casing Depth Driller 9.0' Casing Depth Logger \_\_\_\_\_  
 Bit Size 4.25" Casing Dia. I.D. 5.0"  
 Hole Dia. From \_\_\_\_\_ To \_\_\_\_\_ Dia. From \_\_\_\_\_ To \_\_\_\_\_  
 Type of Casing PVC Casing Thickness \_\_\_\_\_  
 Type of Screen PVC Screen Int. From 9.0' To 167'  
 Type of Packing \_\_\_\_\_ Well Use test exploratory  
 Static Water Level \_\_\_\_\_ Date \_\_\_\_\_  
 Yield Flow \_\_\_\_\_ Pump \_\_\_\_\_

DATUM

K.B. \_\_\_\_\_ L.S. \_\_\_\_\_ T.O.C. 8.58' msl

FLUID QUALITY

Date 10/31/78 Time 1000 Source of Sample wellhead  
 Cl \_\_\_\_\_ mg/l Type of Fluid water  
 Temp. 73.6 °F Field Density \_\_\_\_\_ @ \_\_\_\_\_ °C  
 T.D.S. \_\_\_\_\_ mg/l Spec. Cond. 1460 µmhos/cm  
 Logged By: R. Knittel Witnessed By: P. Dauenhauer  
 Comments: Logged thru slotted 2.5" PVC

TYPE OF SURVEYS RUN

Lateral 6" Caliper	( )	Density	( )
Flow meter	( )	cci	( )
16", 24" normals	(X)	Fluid Sampler	( )
Neutron	(X)	Temperature	(X)
Natural Gamma	(X)	Delta Temp.	(X)
Fluid Resistivity	(X)	SP	(X)
		± Res.	(X)

SPONTANEOUS POTENTIAL

16" NORMAL

10MV  
→ ←

15'  
20'  
30'  
40'  
50'  
60'  
70'  
80'  
90'  
100'  
110'  
120'  
130'  
140'  
145'

20'/min ↑

0 50 100 200  
0 2.5 50  
OHM-M'/M

10-1523-0  
GEOGRAPHIC-OWEN INSTRUMENTS INC. 4011 WORTHLEVER



WELL LOG

WELL LOCATION

County Collier  
 Station I. D. 0 2 1 0 0 0 1 6  
 Date 10/31/78 Well No. GJ 1-7  
 Latitude 26° 06' 29" Longitude 81° 43' 13"  
NE¼ NE¼ NE¼ Section 20 Township 50S Range 26E  
 Owner SPWMD Phone 686-8800  
 Driller SPWMD Date Drilled 10/11/78

DATUM

K.B. \_\_\_\_\_ L.S. \_\_\_\_\_ T.O.C. 8.58' ms l

FLUID QUALITY

Date 10/31/78 Time 1000 Source of Sample wellhead  
 Cl \_\_\_\_\_ mg/l Type of Fluid water  
 Temp. 73.6 °C Field Density \_\_\_\_\_ @ \_\_\_\_\_ °C  
 T.D.S. \_\_\_\_\_ mg/l Spec. Cond. 1460 µmhos/cm  
 Logged By: R. Knittel Witnessed By: P. Dauenhauer  
 Comments: \_\_\_\_\_

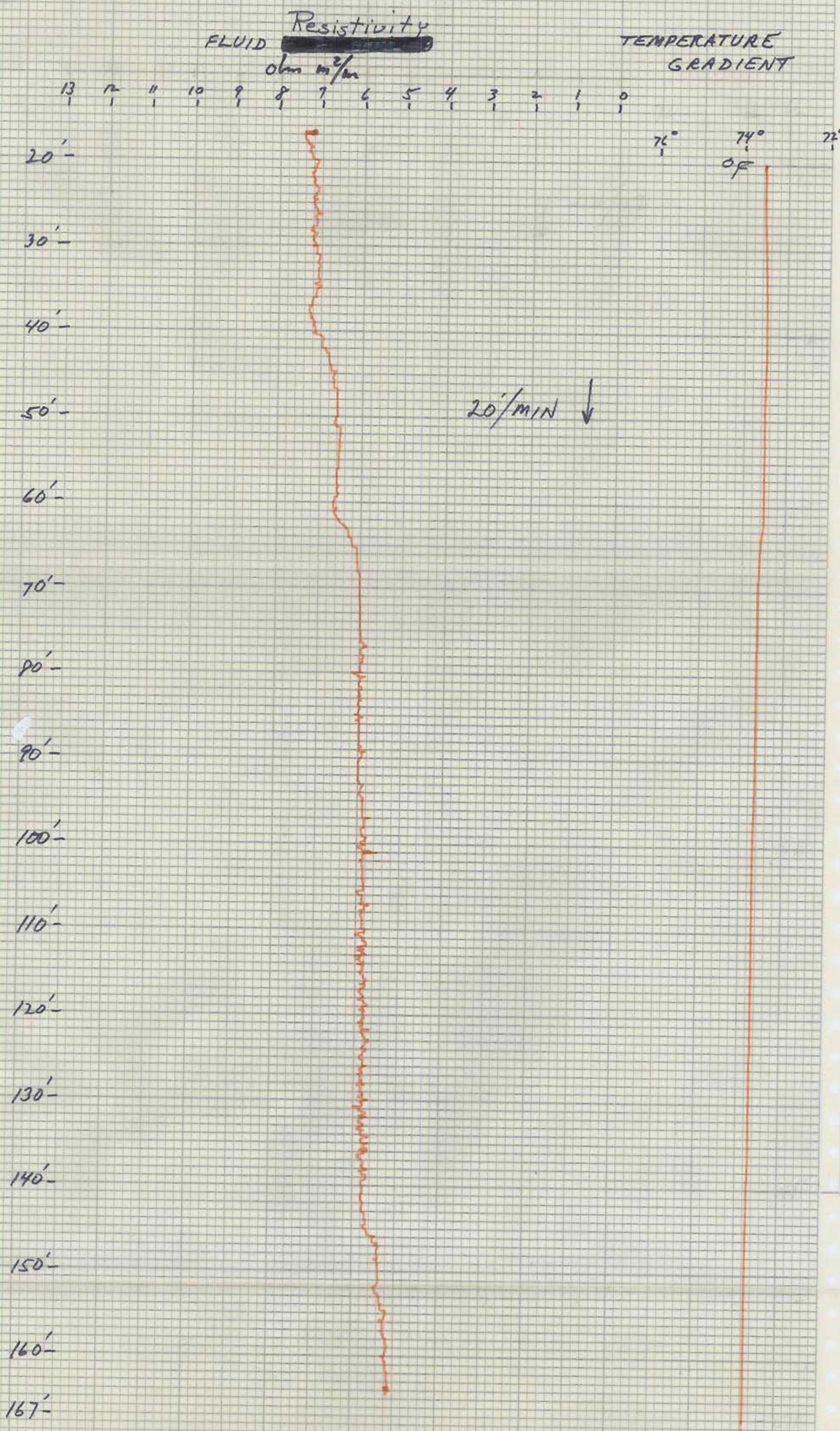
WELL CONSTRUCTION

Drilling Method: Rot.  Air  CT  Auger  Other \_\_\_\_\_  
 T. Depth - Driller 173.0' T. Depth - Logger 154.0'  
 Casing Depth Driller 9.0' Casing Depth Logger \_\_\_\_\_  
 Bit Size 4.25" Casing Dia. I.D. 5.0"  
 Hole Dia. \_\_\_\_\_ From \_\_\_\_\_ To \_\_\_\_\_ Dia. \_\_\_\_\_ From \_\_\_\_\_ To \_\_\_\_\_  
 Type of Casing PVC Casing Thickness \_\_\_\_\_  
 Type of Screen PVC Screen Int. From 9.0' To 167'  
 Type of Packing \_\_\_\_\_ Well Use test exploratory  
 Static Water Level \_\_\_\_\_ Date \_\_\_\_\_  
 Yield Flow \_\_\_\_\_ Pump \_\_\_\_\_

TYPE OF SURVEYS RUN

Lateral 6'	( )	Density	( )
Caliper	( )	ccf	( )
Flow meter	( )	Fluid Sampler	( )
16", 64" normals	( )	Temperature	<input checked="" type="checkbox"/>
Neutron	<input checked="" type="checkbox"/>	Delta Temp.	<input checked="" type="checkbox"/>
Natural Gamma	<input checked="" type="checkbox"/>	SP	<input checked="" type="checkbox"/>
Fluid Resistivity	<input checked="" type="checkbox"/>	Pt. Res.	<input checked="" type="checkbox"/>

PUMPING CONDITIONS





WELL LOG

WELL LOCATION

County Collier  
 Station I. D. 0 2 1 0 0 0 1 6  
 Date 10/31/78 Well No. GJ 1-7  
 Latitude 26° 06' 29" Longitude 81° 43' 13"  
NE¼ NE¼ NE¼ Section 20 Township 50S Range 26E  
 Owner SFWMD Phone 686-8800  
 Driller SFWMD Date Drilled 10/11/78

WELL CONSTRUCTION

Drilling Method: Rot.  Air  CT  Auger  Other   
 T. Depth - Driller 173.0' T. Depth - Logger 154.0'  
 Casing Depth Driller 9.0' Casing Depth Logger \_\_\_\_\_  
 Bit Size 4.25" Casing Dia. I.D. 5.0"  
 Hole Dia. From \_\_\_\_\_ To \_\_\_\_\_ Dia. From \_\_\_\_\_ To \_\_\_\_\_  
 Type of Casing PVC Casing Thickness \_\_\_\_\_  
 Type of Screen PVC Screen Int. From 9.0' To 167'  
 Type of Packing \_\_\_\_\_ Well Use test exploratory  
 Static Water Level \_\_\_\_\_ Date \_\_\_\_\_  
 Yield Flow \_\_\_\_\_ Pump \_\_\_\_\_

DATUM

K.B. \_\_\_\_\_ L.S. \_\_\_\_\_ T.O.C. 8.58' ms1

FLUID QUALITY

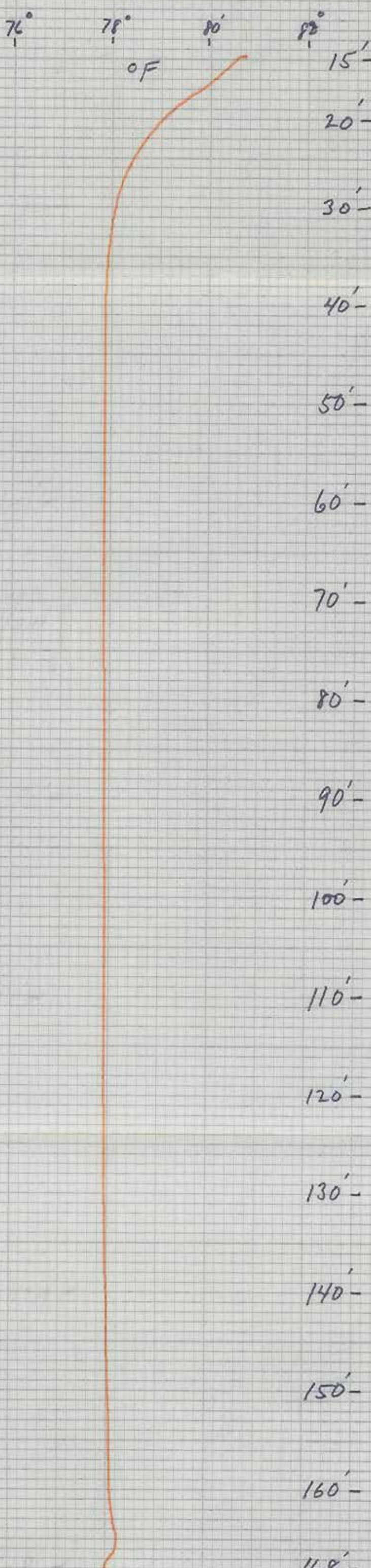
Date 10/31/78 Time 1000 Source of Sample wellhead  
 Cl \_\_\_\_\_ mg/l Type of Fluid water  
 Temp. 73.6 °F Field Density \_\_\_\_\_ @ \_\_\_\_\_ °C  
 T.D.S. \_\_\_\_\_ mg/l Spec. Cond. 1460 umhos/cm  
 Logged By: R. Knittel Witnessed By: P. Dauenhauer  
 Comments: \_\_\_\_\_

TYPE OF SURVEYS RUN

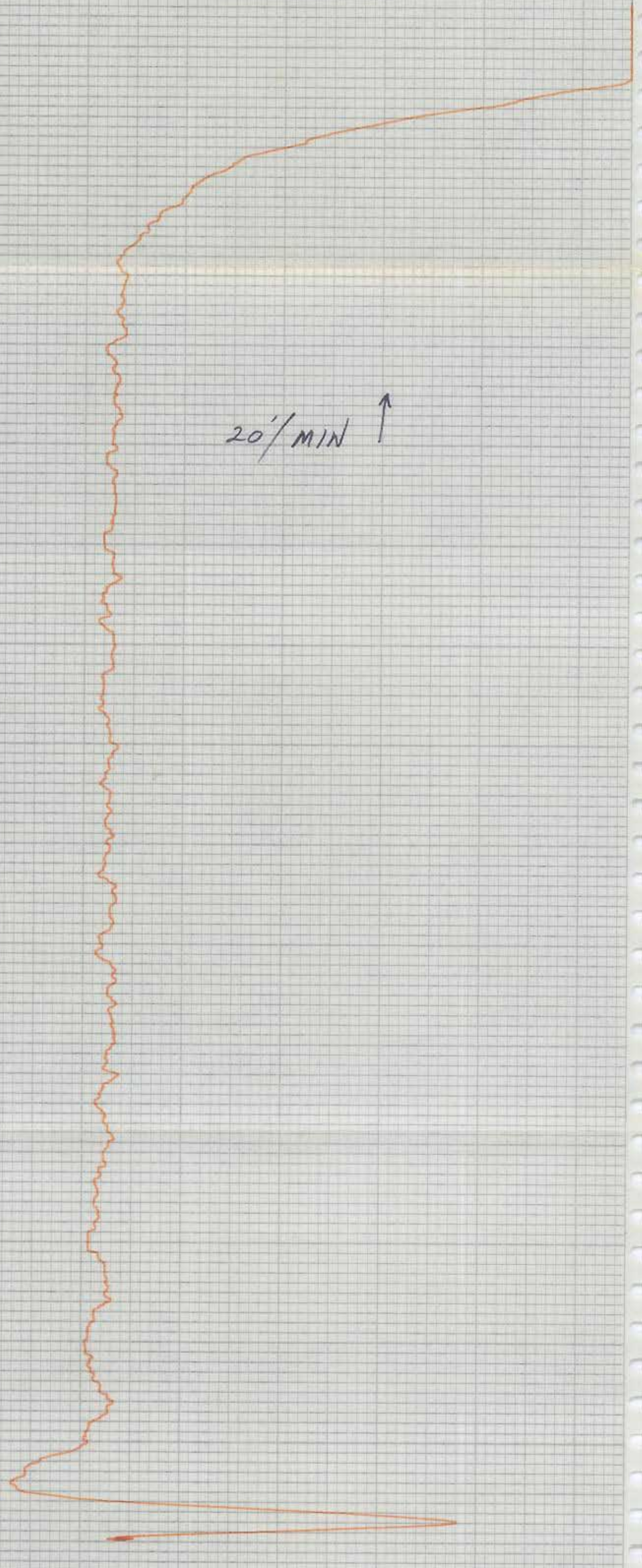
- |                   |     |               |     |
|-------------------|-----|---------------|-----|
| Lateral 6'        | ( ) | Density       | ( ) |
| Caliper           | ( ) | cci           | ( ) |
| Flow meter        | ( ) | Fluid Sampler | ( ) |
| 16", 64" normals  | ( ) | Temperature   | ( ) |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

STATIC WELL CONDITIONS

TEMPERATURE GRADIENT



DIFFERENTIAL TEMPERATURE





WELL LOG

WELL LOCATION

County COLLIER  
 Station I. D. 0 2 1 0 0 0 1 6  
 Date 10/11/78 Well No. GJ 1-7  
 Latitude 26° 06' 29" Longitude 81° 43' 13"  
NE ¼ NE ¼ NE ¼ Section 20 Township 50S Range 26E  
 Owner SFWM Phone 305-696-8800  
 Driller SFWM Date Drilled 10/11/78

DATUM

K.B. \_\_\_\_\_ L.S. 5 FT MSL T.O.C. \_\_\_\_\_

FLUID QUALITY

Date 10/11/78 Time 1400 Source of Sample mud pit  
 Cl \_\_\_\_\_ mg/l Type of Fluid bentonite  
 Temp. 84.8 °C Field Density \_\_\_\_\_ @ \_\_\_\_\_ °C  
 T.D.S. \_\_\_\_\_ mg/l Spec. Cond. \_\_\_\_\_ umhos/cm  
 Logged By: M. P. Brown Witnessed By: R. Khittel

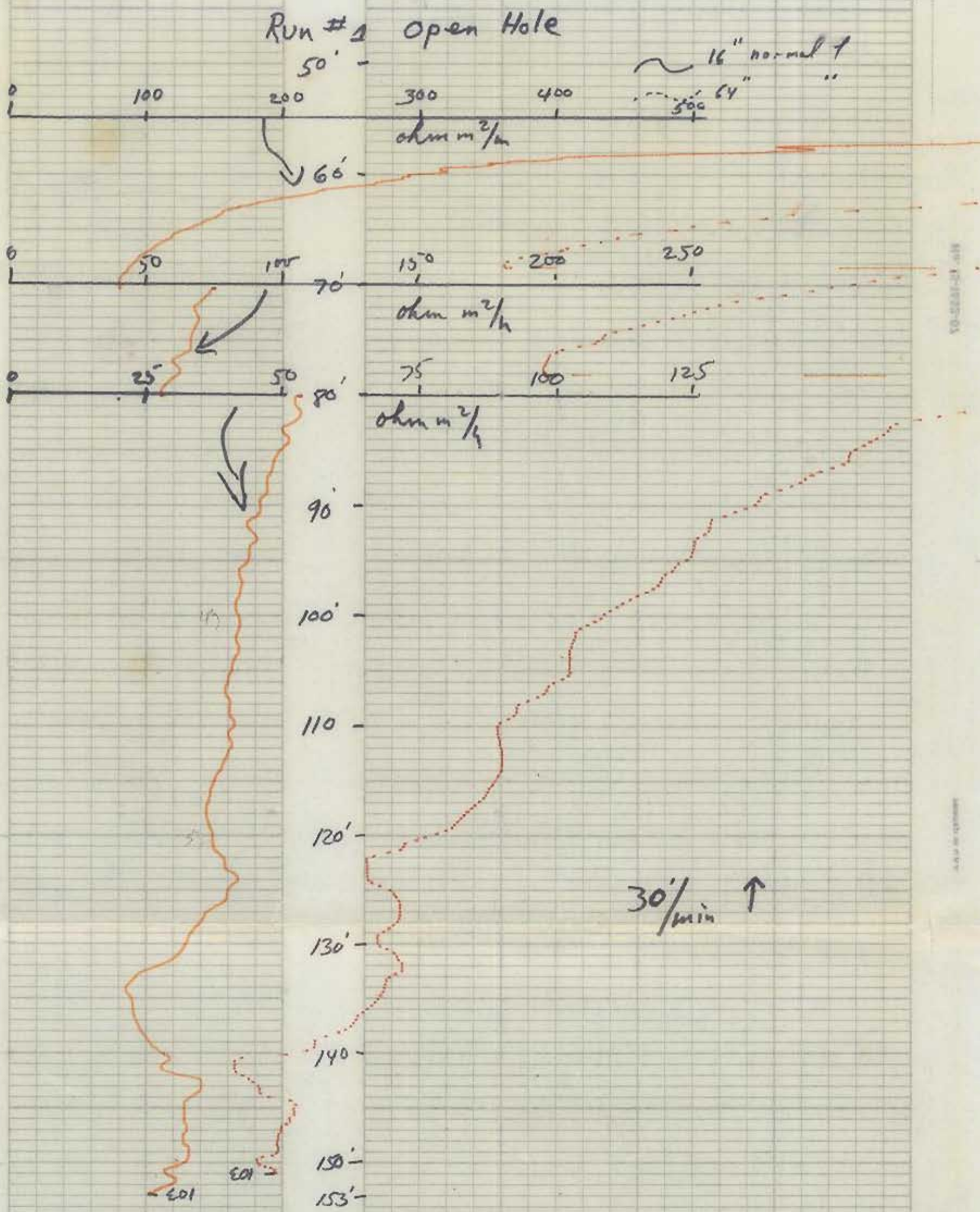
Comments: E-log #1 run in open hole 64" res. log not cal.  
These surveys performed for test purposes to evaluate the feasibility of logging thru slotted PVC casing.

WELL CONSTRUCTION

Drilling Method: Rot. X Air CT Auger \_\_\_\_\_ Other \_\_\_\_\_  
 T. Depth - Driller 173.0' T. Depth - Logger 154'  
 Casing Depth Driller 9.0" Casing Depth Logger \_\_\_\_\_  
 Bit Size \_\_\_\_\_ Casing Dia. I.D. 5.0"  
 Hole Dia. \_\_\_\_\_ From \_\_\_\_\_ To \_\_\_\_\_ Dia. \_\_\_\_\_ From \_\_\_\_\_ To \_\_\_\_\_  
 Type of Casing PVC Casing Thickness \_\_\_\_\_  
 Type of Screen \_\_\_\_\_ Screen Int. From \_\_\_\_\_ To \_\_\_\_\_  
 Type of Packing \_\_\_\_\_ Well Use exploratory  
 Static Water Level \_\_\_\_\_ Date \_\_\_\_\_  
 Yield Flow \_\_\_\_\_ Pump \_\_\_\_\_

TYPE OF SURVEYS RUN

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





WELL LOG

WELL LOCATION

County Collier  
 Station I. D. 0 2 1 0 0 0 1 6  
 Date 10/31/78 Well No. GJ 1-7  
 Latitude 26° 06' 29" Longitude 81° 43' 13"  
NE 1/4 NE 1/4 NE 1/4 Section 20 Township 50S Range 26E  
 Owner SFWMD Phone 686-8800  
 Driller SFWMD Date Drilled 10/11/78

WELL CONSTRUCTION

Drilling Method: Rot.  Air  CT  Auger  Other   
 T. Depth - Driller 173.0' T. Depth - Logger 154.0'  
 Casing Depth Driller 9.0' Casing Depth Logger             
 Bit Size 4.25" Casing Dia. I.D. 5.0"  
 Hole Dia. From            To            Dia. From            To             
 Type of Casing PVC Casing Thickness             
 Type of Screen PVC Screen Int. From 9.0' To 167'  
 Type of Packing            Well Use test exploratory  
 Static Water Level            Date             
 Yield Flow            Pump           

DATUM

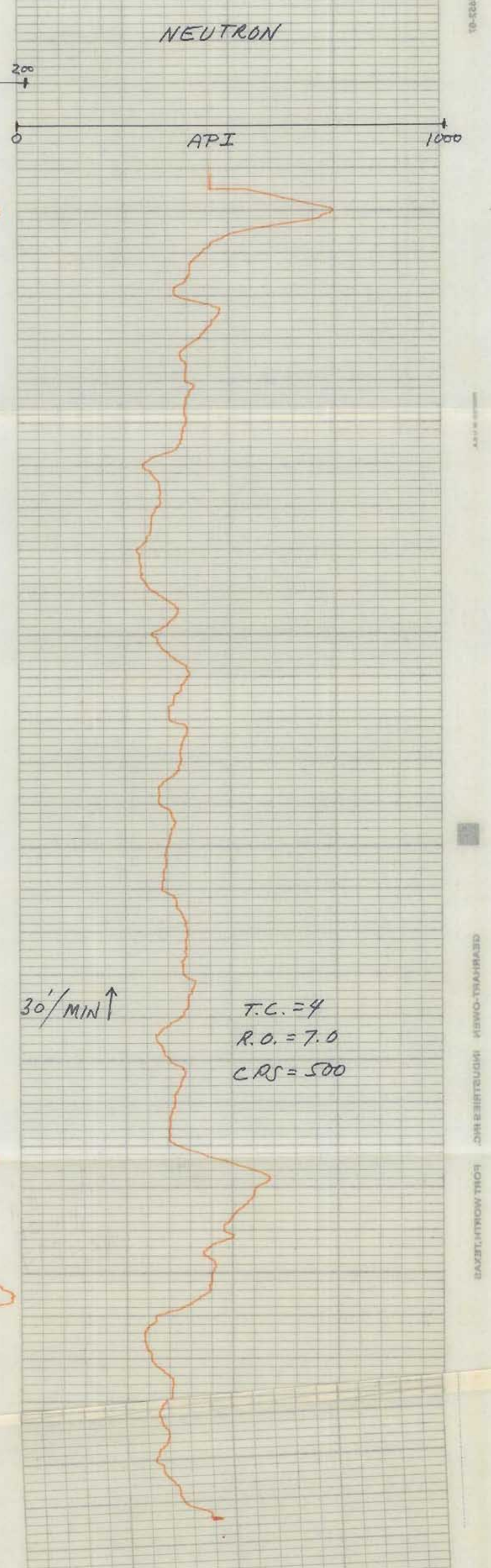
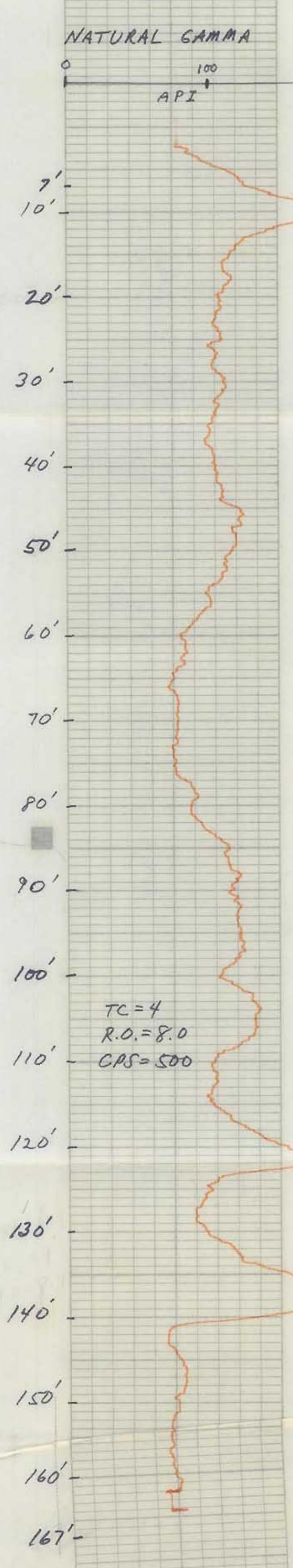
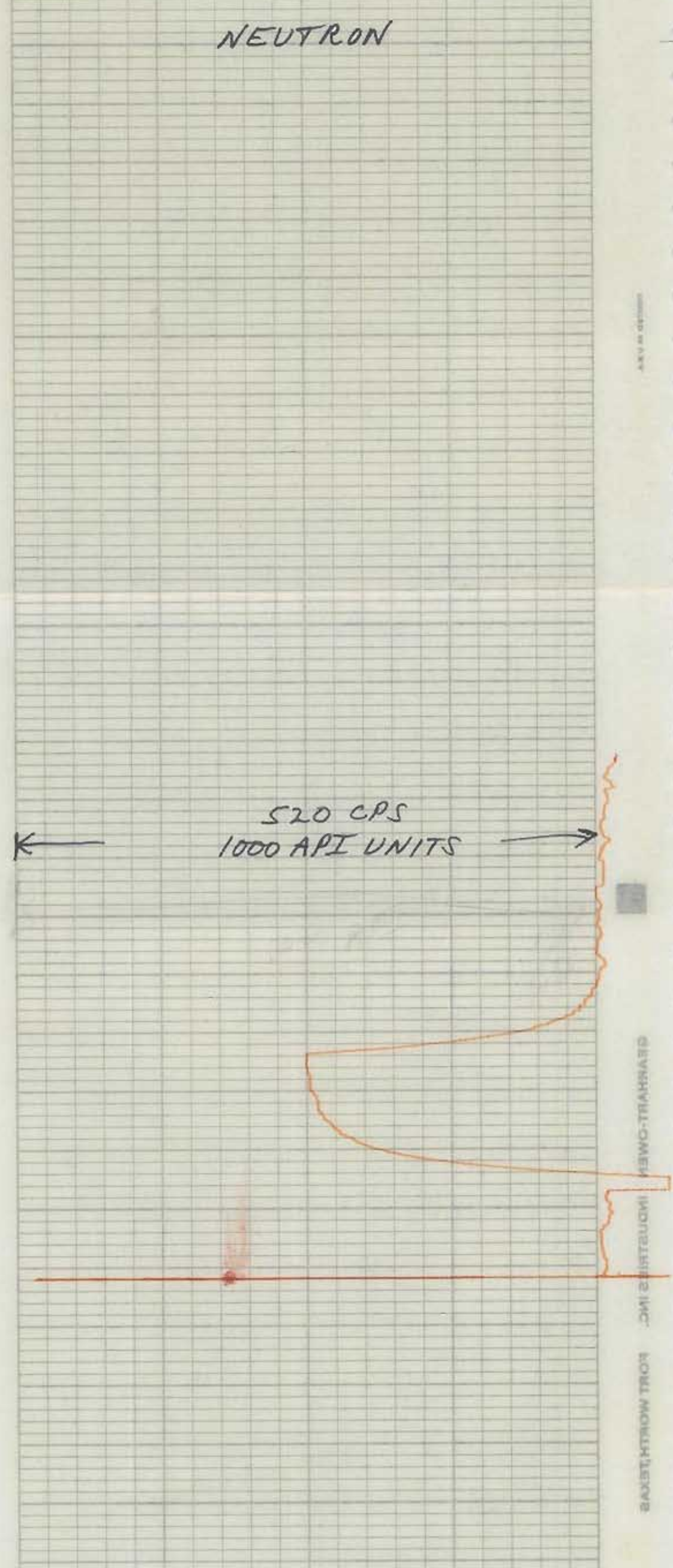
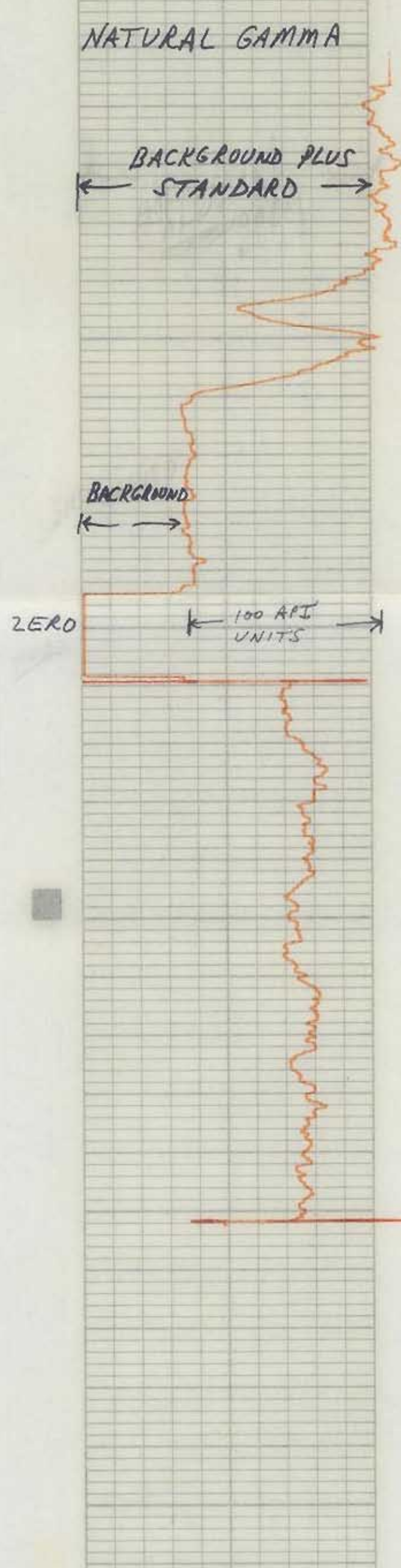
K.B.            L.S.            T.O.C. 858'

FLUID QUALITY

Date 10/31/78 Time 1000 Source of Sample wellhead  
 Cl            mg/l Type of Fluid water  
 Temp. 73.6 °F Field Density            @            °C  
 T.D.S.            mg/l Spec. Cond. 1460 umhos/cm  
 Logged By: R. Knittel Witnessed By: P. Dauenhauer  
 Comments:           

TYPE OF SURVEYS RUN

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



30'/MIN ↑





Denver, CO (USA)  
RIS-View Version 3.0

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File Name: 2n.rpd

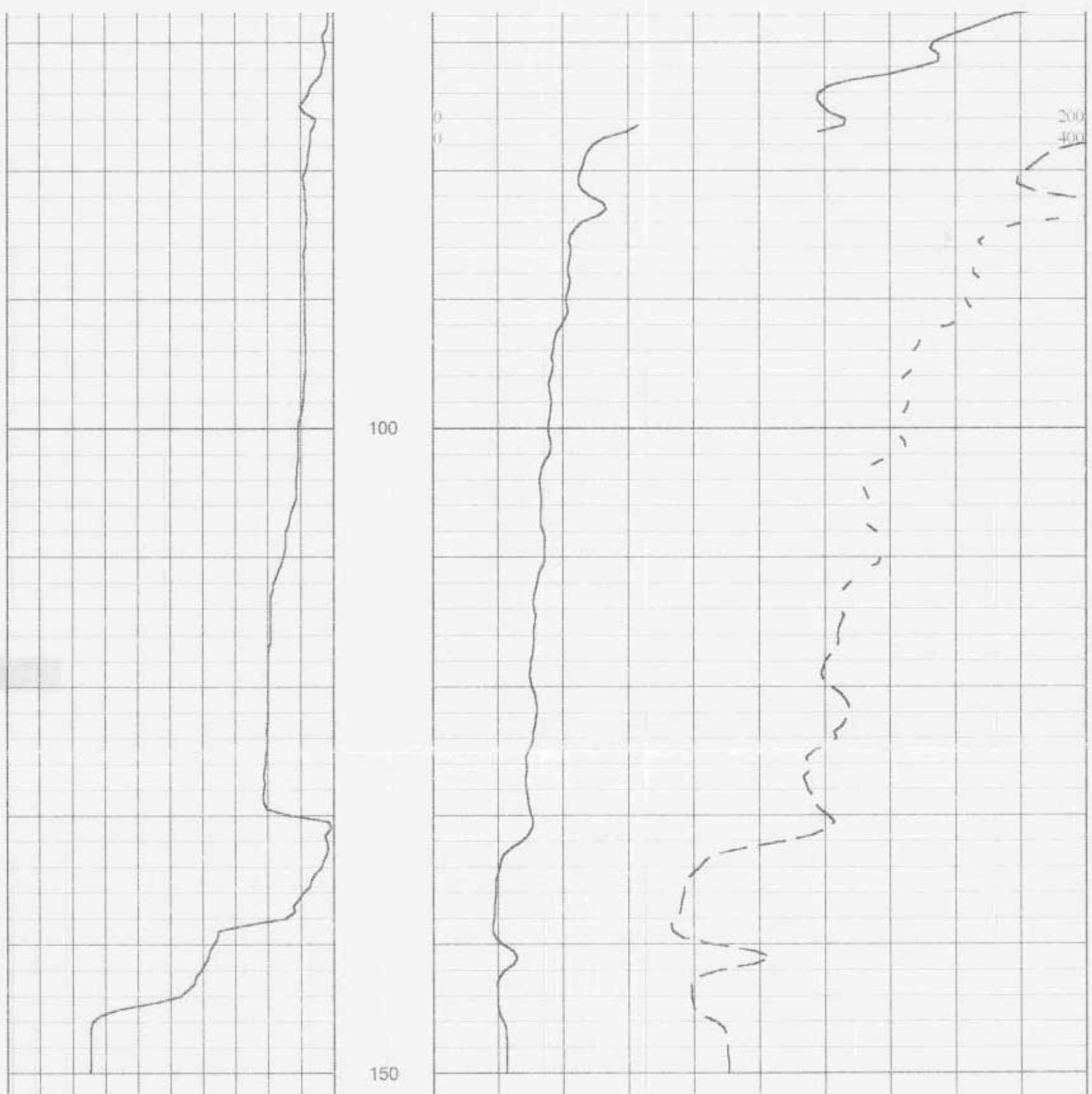
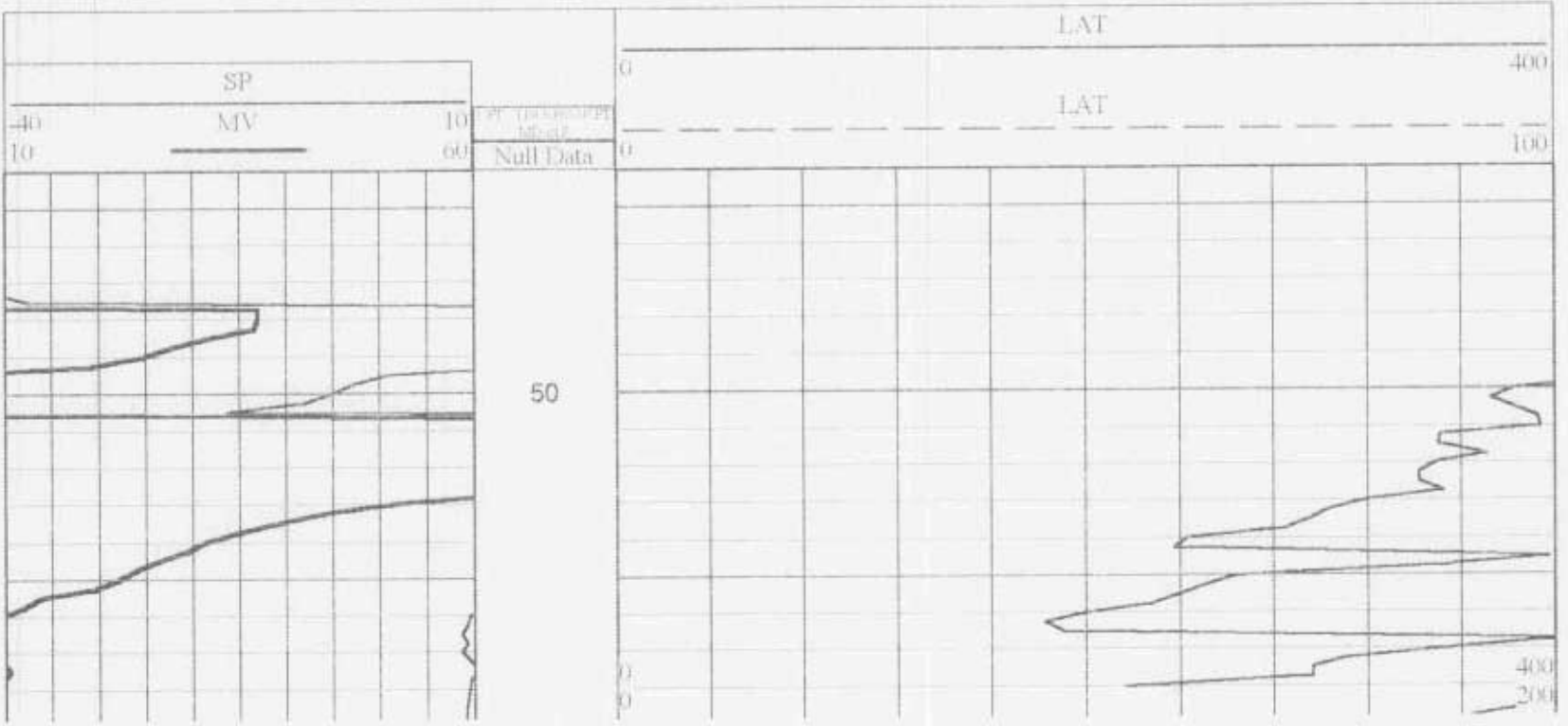
Well Name: GJ 1-7

Date: Thursday, August 09, 2001, at 07:09:17 AM

Plot: Plot created from: 2n.rpd

1. Go to the Options menu.
  2. Select Global Preferences.
  3. Select the Imaging tab. If not visible, use the arrows to view additional tabs.
  4. Make sure that the Use User Image is checked.
  5. Click on the User Image button to select your image.
- This image will be displayed in the About dialog, and on various plots!

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# DIGITAL FORMATION

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Denver, CO (USA)  
RIS-View Version 3.0

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File Name: In.npd  
Well Name: GJ1-7  
Date: Thursday, August 09, 2001 at 07:10:02 AM  
Plot: Plot created from: In.npd

Add your own company logo here!

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2. Select Global Preferences.
3. Select the Imaging tab. If they are for better use, use the arrows to view additional tabs.
4. Make sure that the Use User Image is checked.
5. Click on the User Image button to select your logo.

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