

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	SURVEY	Y	A	CARD	WELL NO.				COUNTY	LAT	LAT	LAT	LON	LON	LON	DEG	MIN	SEC	DEG	MIN	SEC	DEG	MIN	SEC	
I . D .	DATE	C								DEG	MIN	SEC	DEG	MIN	SEC	DEG	MIN	SEC	DEG	MIN	SEC	DEG	MIN	SEC	
043000013030381				W11	GLF-2				GLADES	027	02	18	081	01	04										

WELL LOCATION CARD TWO

1		17		20		37		39		42		45		61	
STATION	SURVEY	Y	A	CARD	QUARTERSECTIONS				SEC	TOWN-	WATER MANAGEMENT DISTRICT		PLANNING AREA		
I . D .	DATE	C							SHIP	RANGE					
				W12	NE1/4; NE1/4; SE1/4				34	39	33E	KISSIMMEE			

WELL DATUM CARD

1		17		20		26		32		38		44		59	
STATION	SURVEY	Y	A	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			23		MSL- ; LS-X ; TOC-						

WELL OWNERSHIP CARD

1		17		20		37		54		57		64		80	
STATION	SURVEY	Y	A	CARD	NAME OF OWNER				GROVE/PROPERTY NAME	AREA	TELEPHONE	WELL USE			
I . D .	DATE	C							CODE						
				W31	BILL WIERSMA					8137636931	CATTLE				

WELL ORIGIN CARD

1		17		20		37		54		71		76	
STATION	SURVEY	Y	A	CARD	DRILLER/				OFFICE OF	DRILLING		DATE	
I . D .	DATE	C			DRILLING COMPANY				DRILLER (CITY)	METHOD	COMPLETED		
				W41									

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.	
043000013	030381	W5.1		824		390	58		YES- ; NO-x	

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
		W6.10	0	STEEL	60	0	390	03	

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
		W6.20	2						

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
		W6.30	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.

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		C		A B C D E F G H I J K L M N O P Q R S T						
043000013030381		W71		S. ANDERSON		P. DAUENHAUER		XXXXXX XXX						

*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	
I. D.		DATE		C		C	
		W81		WELLHEAD		FORMATION WATER	
				030381		1400	

FLUID QUALITY CARD TWO

1	17	20	25	32	35	41	47	53	60	64	70	75	
STATION		SURVEY CARD		TEMP. OF SAMPLE		FIELD SP. GRAVITY		FIELD CHLORIDE (MG/L)		DISSOLVED SOLIDS		SPEC. COND. (U-MHO/CM)	
I. D.		DATE		C		C		C		C		C	
		W82		79.4 °F				24.84					

COMMENT CARDS

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

1	17	20	40	60	76
STATION		SURVEY CARD		COMMENTS	
I. D.		DATE		C	
		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 LOG

WELL LOCATION

County GLADES

Station I. D. 043000013

Date 03-03-81 Well No. GLF-2

Latitude 027°02'18" Longitude 081°01'04"

NE 1/4 NE 1/4 SE 1/4 Section 34 Township 39S Range 33E

Owner BILL WIERSMA Phone 813-763-6331

Driller _____ Date Drilled _____

DATUM

K.B. _____ L.S. 2.3 L.S. T.O.C. X

FLUID QUALITY

Date 03-03-81 Time 1400 Source of Sample WELLHEAD

Cl _____ mg/l Type of Fluid FORMATION WATER

Temp. 79.4°F °C Field Density _____ @ _____ °C

T.D.S. _____ mg/l Spec. Cond. 2,484 μmhos/cm

Logged By: S. ANDERSON Witnessed By: P. DAUGHNER

WELL CONSTRUCTION

Drilling Method: Rot. Air CT Auger Other _____

T. Depth - Driller _____ T. Depth - Logger 824'

Casing Depth Driller _____ Casing Depth Logger 390'

Bit Size _____ Casing Dia. I.D. 5.80"

Hole Dia. 6.0 From 0 To 390 Dia. From _____ To _____

Type of Casing STEEL Casing Thickness 0.3"

Type of Screen OPEN HOLE Screen Int. From _____ To _____

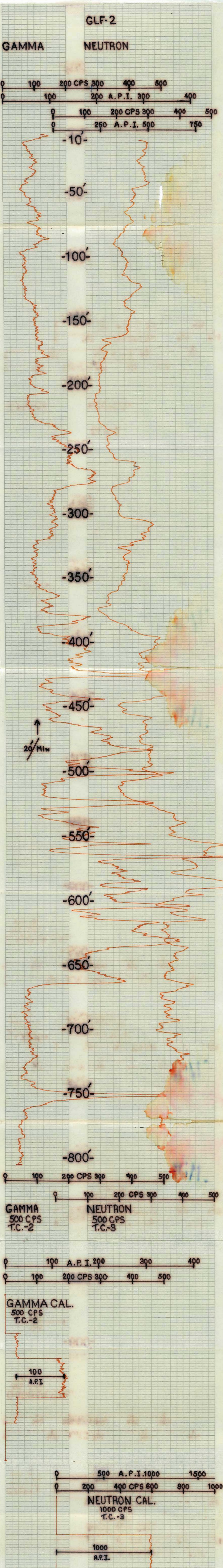
Type of Packing _____ Well Use CATTLE

Static Water Level _____ Date _____

Yield Flow _____ Pump _____

TYPE OF SURVEYS RUN

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





WELL LOG

WELL LOCATION

County GLADES
Station I. D. 043000013
Date 03-03-81 Well No. GLF-2
Latitude 027°02'18" Longitude 081°01'04"
NE 1/4 NE 1/4 SE 1/4 Section 34 Township 39S Range 33E
Owner BILL WIERSMA Phone 813-763-6931
Driller _____ Date Drilled _____

DATUM

K.B. _____ L.S. 2.3 L.S. T.O.C. X

FLUID QUALITY

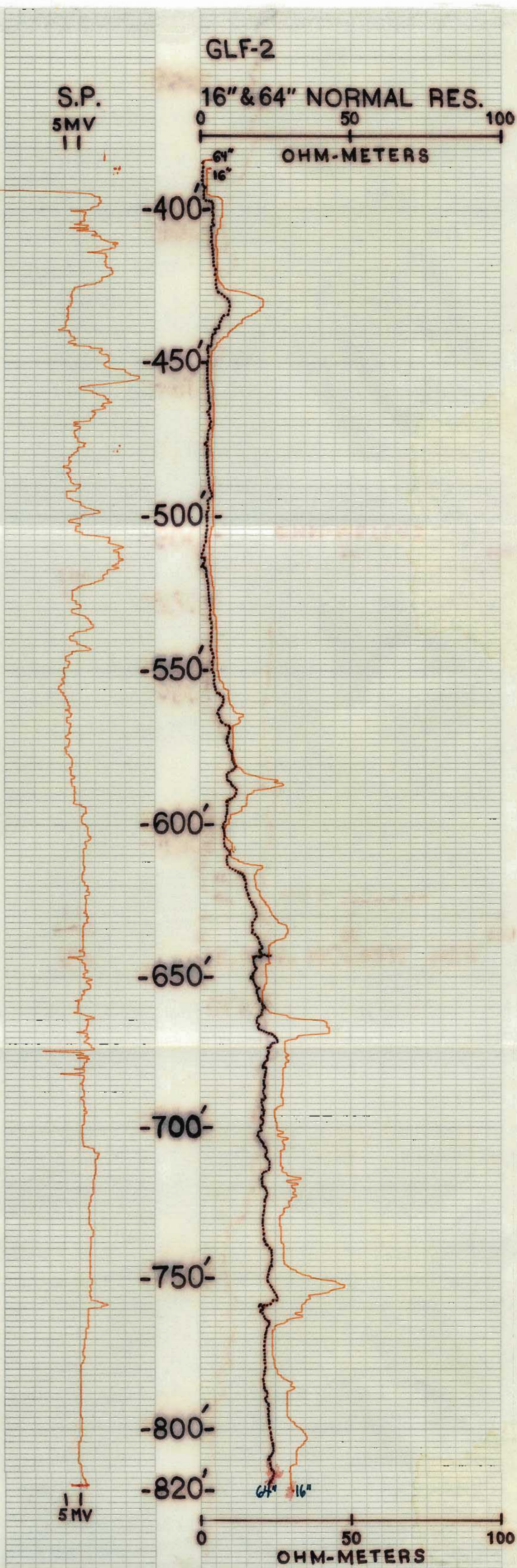
Date 03-03-81 Time 1400 Source of Sample WELLHEAD
Cl _____ mg/l Type of Fluid FORMATION WATER
Temp. 79.4°F Field Density _____ @ _____ °C
T.D.S. _____ mg/l Spec. Cond. 2484 μmhos/cm
Logged By: S. ANDERSON Witnessed By: P. DAUENHAUER
Comments: _____

WELL CONSTRUCTION

Drilling Method: Rot. Air CT Auger Other _____
T. Depth - Driller _____ T. Depth - Logger 824'
Casing Depth Driller _____ Casing Depth Logger 390'
Bit Size _____ Casing Dia. I.D. 5.80"
Hole Dia. 6.0 From 0 To 390 Dia. From _____ To _____
Type of Casing STEEL Casing Thickness 0.3"
Type of Screen OPEN HOLE Screen Int. From _____ To _____
Type of Packing _____ Well Use CATTLE
Static Water Level _____ Date _____
Yield Flow _____ Pump _____

TYPE OF SURVEYS RUN

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





WELL LOG

WELL LOCATION

County GLADES
Station I. D. 043000013
Date 03-03-81 Well No. GLF-2
Latitude 027°02'18" Longitude 081°01'04"
NE 1/4 NE 1/4 SE 1/4 Section 34 Township 39S Range 33E
Owner BILL WIERSMA Phone 813-763-6931
Driller _____ Date Drilled _____

DATUM

K.B. _____ L.S. 2.3 L.S. _____ T.O.C. X

FLUID QUALITY

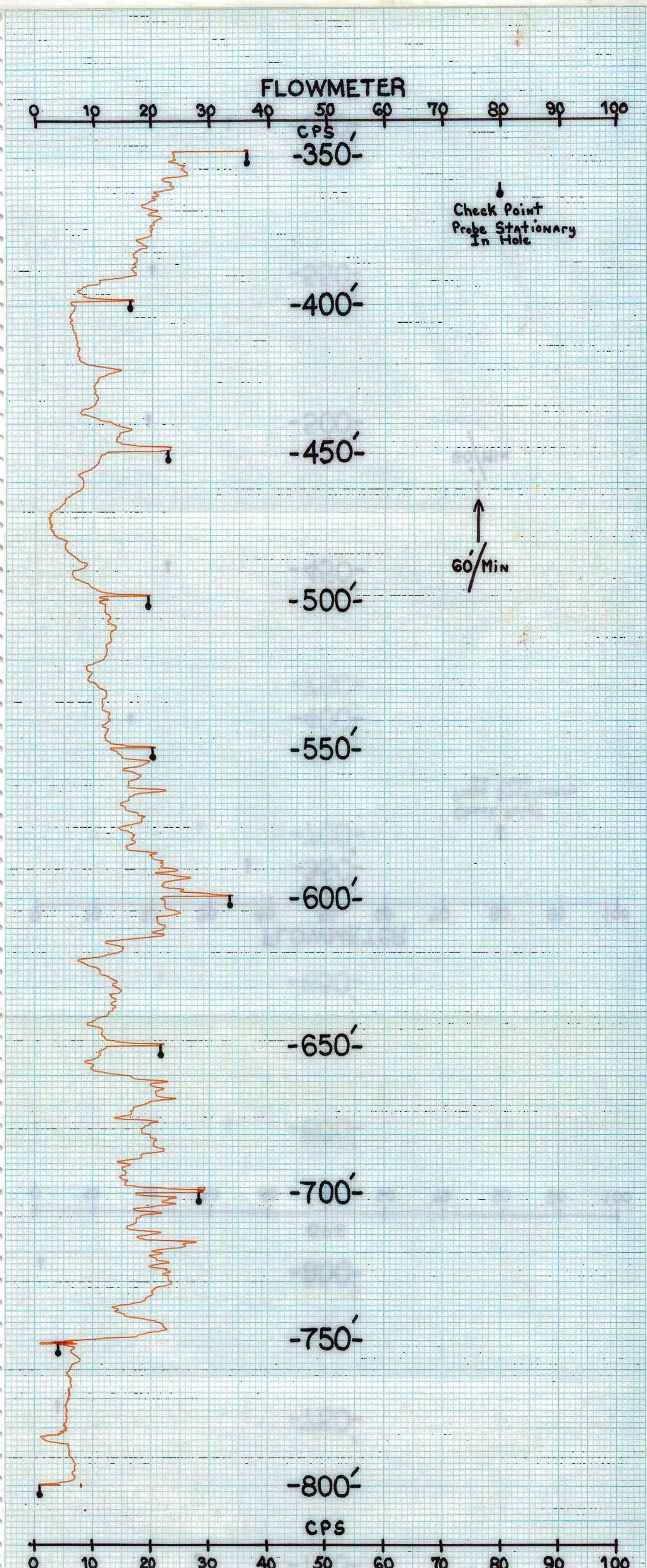
Date 03-03-81 Time 1400 Source of Sample WELLHEAD
Cl _____ mg/l Type of Fluid FORMATION WATER
Temp. 79.4°F Field Density _____ @ _____ °C
T.D.S. _____ mg/l Spec. Cond. 2,484 μmhos/cm
Logged By: S. ANDERSON Witnessed By: P. DAUENHAUER
Comments: _____

WELL CONSTRUCTION

Drilling Method: Rot. Air CT Auger Other _____
T. Depth - Driller _____ T. Depth - Logger 824'
Casing Depth Driller _____ Casing Depth Logger 390'
Bit Size _____ Casing Dia. I.D. 5.80"
Hole Dia. 6.0 From 0 To 390 Dia. _____ From _____ To _____
Type of Casing STEEL Casing Thickness 0.3"
Type of Screen OPEN HOLE Screen Int. From _____ To _____
Type of Packing _____ Well Use CATTLE
Static Water Level _____ Date _____
Yield Flow _____ Pump _____

TYPE OF SURVEYS RUN

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





WELL LOG

WELL LOCATION

County GLADES
Station I. D. 043000013
Date 03-03-81 Well No. GLF-2
Latitude 027°02'18" Longitude 081°01'04"
NE 1/4 NE 1/4 SE 1/4 Section 34 Township 39S Range 33E
Owner BILL WIERSMA Phone 813-763-6931
Driller _____ Date Drilled _____

DATUM

K.B. _____ L.S. 2.3 L.S. _____ T.O.C. X

FLUID QUALITY

Date 03-03-81 Time 1400 Source of Sample WELLHEAD
Cl _____ mg/l Type of Fluid FORMATION WATER
Temp. 79.4°F Field Density _____ @ _____ °C
T.D.S. _____ mg/l Spec. Cond. 2,484 umhos/cm
Logged By: S. ANDERSON Witnessed By: P. DAUENHAUER

WELL CONSTRUCTION

Drilling Method: Rot. Air CT Auger Other _____
T. Depth - Driller _____ T. Depth - Logger 824'
Casing Depth Driller _____ Casing Depth Logger 390'
Bit Size _____ Casing Dia. I.D. 5.80"
Hole Dia. 4.0 From 0 To 390 Dia. _____ From _____ To _____
Type of Casing STEEL Casing Thickness 0.3"
Type of Screen OPEN HOLE Screen Int. From _____ To _____
Type of Packing _____ Well Use CATTLE
Static Water Level _____ Date _____
Yield Flow _____ Pump _____

Comments:

TYPE OF SURVEYS RUN

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

CALIPER

HOLE DIA.



-0-

-50'-

-100'-

-150'-

-200'-

-250'-

30'/MIN. ↑

-300'-

-350'-

-400'-

-450'-

-500'-

-550'-

-600'-

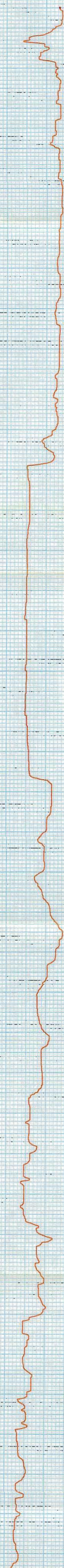
-650'-

-700'-

-750'-

-800'-

CALIPER



RECORDING CHARTS GRAPHIC CONTROLS CORPORATION BUFFALO, NEW YORK



WELL LOG

WELL LOCATION

County GLADES
 Station I. D. 043000013
 Date 03-03-81 Well No. GLF-2
 Latitude 027°02'18" Longitude 081°01'04"
 NE ¼ NE ¼ SE ¼ Section 34 Township 39S Range 33E
 Owner BILL WIERSMA Phone 813-763-6931
 Driller _____ Date Drilled _____

DATUM

K.B. _____ L.S. 2.3 L.S. _____ T.O.C. X

FLUID QUALITY

Date 03-03-81 Time 1400 Source of Sample WELLHEAD
 Cl _____ mg/l Type of Fluid FORMATION WATER
 Temp. 79.4°F Field Density _____ @ _____ °C
 T.D.S. _____ mg/l Spec. Cond. 2,484 μmhos/cm
 Logged By: S. ANDERSON Witnessed By: P. DAUGENHAUER
 Comments: _____

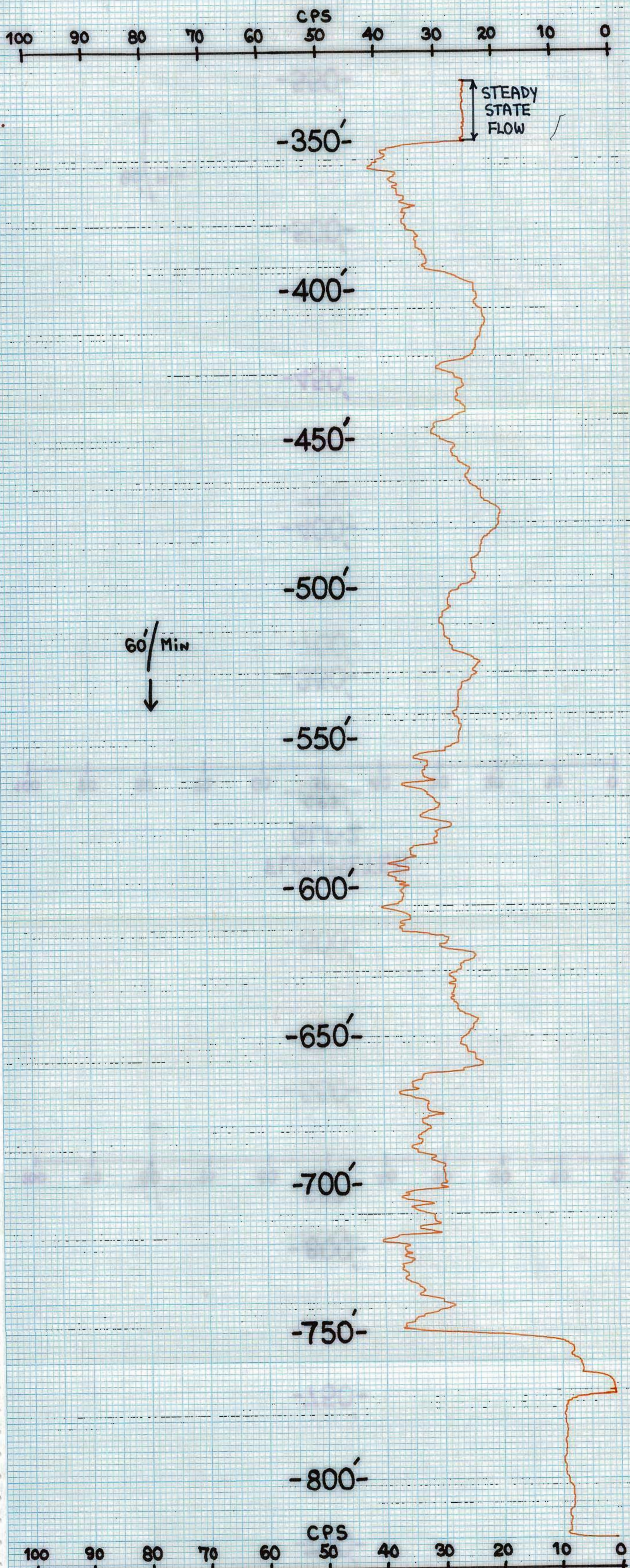
WELL CONSTRUCTION

Drilling Method: Rot. Air CT Auger Other _____
 T. Depth - Driller _____ T. Depth - Logger 824'
 Casing Depth Driller _____ Casing Depth Logger 390'
 Bit Size _____ Casing Dia. I.D. 5.80"
 Hole Dia. 6.0 From 0 To 390 Dia. _____ From _____ To _____
 Type of Casing STEEL Casing Thickness 0.3"
 Type of Screen OPEN HOLE Screen Int. From _____ To _____
 Type of Packing _____ Well Use CATTLE
 Static Water Level _____ Date _____
 Yield Flow _____ Pump _____

TYPE OF SURVEYS RUN

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

FLOWMETER
GLF-2



RECORDING CHARTS GRAPHIC CONTROLS CORPORATION BUFFALO, NEW YORK



WELL LOG

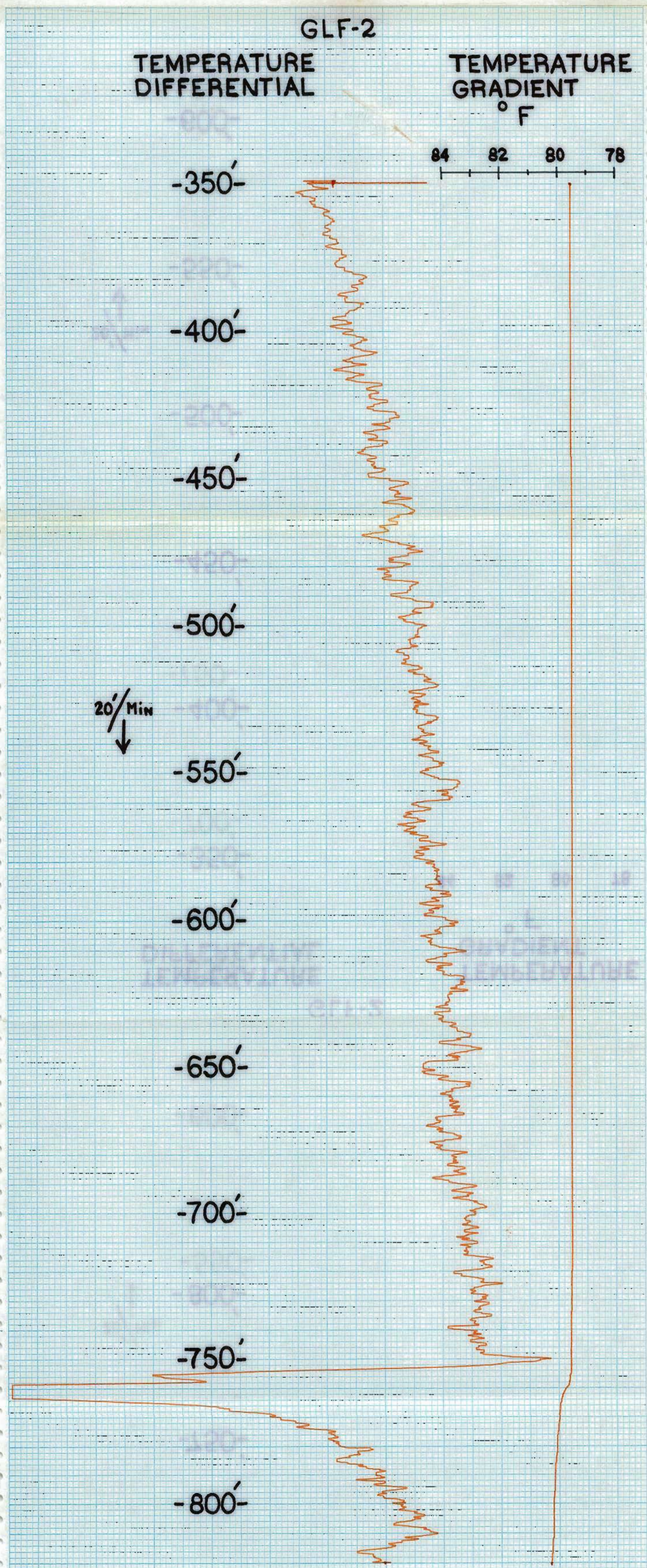
WELL LOCATION
 County GLADES
 Station I. D. 043000013
 Date 03-03-81 Well No. GLF-2
 Latitude 027°02'18" Longitude 081°01'04"
NE 1/4 NE 1/4 SE 1/4 Section 34 Township 39S Range 33E
 Owner BILL WIERSMA Phone 813-763-6931
 Driller _____ Date Drilled _____

DATUM
 K.B. _____ L.S. 2.3 L.S. T.O.C. X
FLUID QUALITY
 Date 03-03-81 Time 1400 Source of Sample WELLHEAD
 Cl _____ mg/l Type of Fluid FORMATION WATER
 Temp. 79.4°F Field Density _____ @ _____ °C
 T.D.S. _____ mg/l Spec. Cond. 2,484 umhos/cm
 Logged By: S. ANDERSON Witnessed By: P. DAUENHAUER
 Comments: _____

WELL CONSTRUCTION
 Drilling Method: Rot. Air CT Auger Other _____
 T. Depth - Driller _____ T. Depth - Logger 824'
 Casing Depth Driller _____ Casing Depth Logger 390'
 Bit Size _____ Casing Dia. I.D. 5.80"
 Hole Dia. 6.0 From 0 To 390 Dia. From _____ To _____
 Type of Casing STEEL Casing Thickness 0.3"
 Type of Screen OPEN HOLE Screen Int. From _____ To _____
 Type of Packing _____ Well Use CATTLE
 Static Water Level _____ Date _____
 Yield Flow _____ Pump _____

TYPE OF SURVEYS RUN

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



RECORDING CHARTS GRAPHIC CONTROLS CORPORATION BUFFALO, NEW YORK
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