

WELL STATION IDENTIFICATION

FORM 62 - 12/77

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 | | | |
| 085000023 | 062077 | W11 | M.F-23 | MARTIN | 27 | 04 | 25 | 30 | 80 | 33 | 47 | 0 | |

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 | 1/4; SW 1/4; SW 1/4 | 17 | 38 S | 39 E | UPPER EAST 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 | | | | | MSL- ; LS- ; TOC- X | | |

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 | FP&L (SFWM.D) | | | 3056868800 | SFWM.D. MONITOR WELL | | |

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 | | | | | | |

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 63-12/77

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. | |
| 0850000230 | 62077 | W51 | | 1119 | | 456 | 55 | | 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 | | | | | | |

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 | | STEEL | 55 | 0 | 170 | | |

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 | | STEEL | 4.25 | 170 | 456 | | |

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.

Jan

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 |
| 0850000230 | 062077 | W71 | M. BROWN | G. PALUGA | X | 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 | WATER | 062077 | 1315 |

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 | 28.0 | 99.70 | | | | 1200 | | | | |

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 | | | |

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.

Jan



WELL LOG

WELL LOCATION

County Martin
 Station I. D. 085000023
 Date 6/20/77 Well No. MF-23
 Latitude 27° 04' 25.3" Longitude 80° 33' 47.0"
1/4 SW 1/4 SW 1/4 Section 17 Township 39S Range 32E
 Owner FP&L (SFWMD) Phone 686-8800
 Driller _____ Date Drilled _____

DATUM

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

FLUID QUALITY

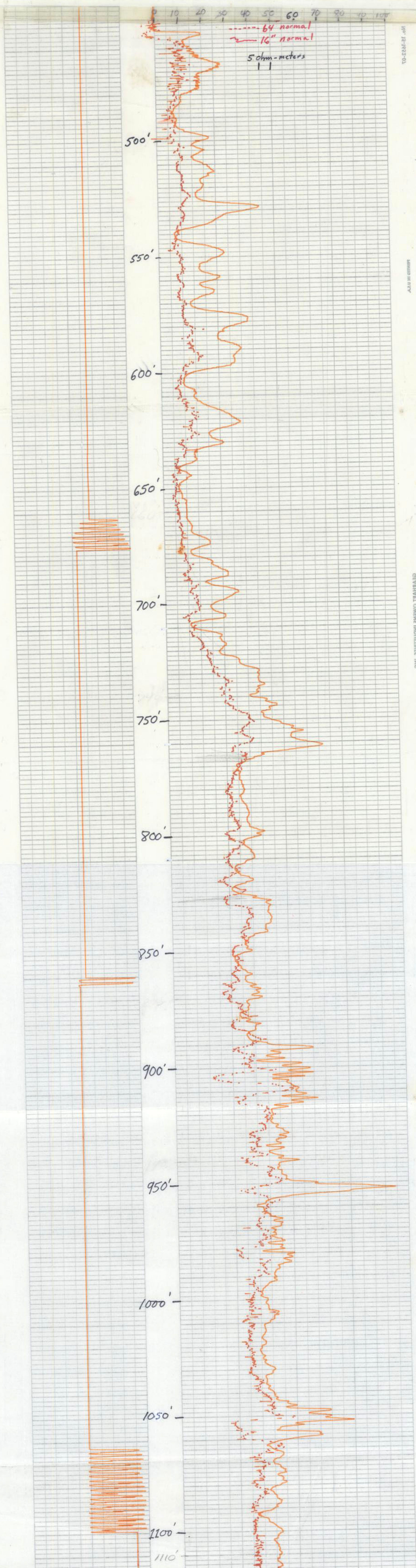
Date 6/20/77 Time 1315 Source of Sample wellhead
 Cl _____ mg/l Type of Fluid water
 Temp. 28.0 °C Field Density .9970 @ 28.0 °C
 T.D.S. _____ mg/l Spec. Cond. 1200 μmhos/cm
 Logged By: M. P. Brown Witnessed By: G. Paluga
 Comments: MSL surveyed in @ 2" reducing coupling.
Depth scale referenced to 2" reducing coupling (T.O.C.)

WELL CONSTRUCTION

Drilling Method: Rot. Air CT Auger Other _____
 T. Depth - Driller _____ T. Depth - Logger 1119'
 Casing Depth Driller _____ Casing Depth Logger 456'
 Bit Size _____ Casing Dia. I.D. 5.5" 0-170'/4.25"
 Hole Dia. _____ From _____ To _____ Dia. From _____ To 170'-456'
 Type of Casing steel Casing Thickness _____
 Type of Screen _____ Screen Int. From _____ To _____
 Type of Packing _____ Well Use SFWMD monitoring well
 Static Water Level 174.0" Date 6/3/77
 Yield Flow _____ Pump _____

TYPE OF SURVEYS RUN

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



12-1823-10

12-1823-10

GENERAL OIL & GAS INDUSTRIES, INC.

12-1823-10

12-1823-10

GENERAL OIL & GAS INDUSTRIES, INC.



WELL LOG

WELL LOCATION

County Martin

Station I. D. 085 0000 23

Date 6/20/77 Well No. MF-23

Latitude 27° 04' 25.3" Longitude 80° 33' 47.0"

1/4 SM 1/4 SM 1/4 SM 1/4 SM Section 17 Township 39S Range 39E

Owner FP&L (SFWMD) Phone 686-8800

Driller _____ Date Drilled _____

WELL CONSTRUCTION

Drilling Method: Rot. Air CT Auger Other _____

T. Depth - Driller _____ T. Depth - Logger 1119'

Casing Depth Driller _____ Casing Depth Logger 456'

Bit Size _____ Casing Dia. I.D. 5.5" 0-170' / 4.25"

Hole Dia. _____ From _____ To _____ Dia. _____ From _____ To _____

Type of Casing steel Casing Thickness _____

Type of Screen _____ Screen Int. From _____ To _____

Type of Packing _____ Well Use SFWMD monitoring well

Static Water Level 174.0" Date 6/3/77

Yield Flow _____ Pump _____

DATUM

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

FLUID QUALITY

Date 6/20/77 Time 1315 Source of Sample wellhead

Cl _____ mg/l Type of Fluid water

Temp. 28.0 °C Field Density .9970 @ 28.0 °C

T.D.S. _____ mg/l Spec. Cond. 1200 umhos/cm

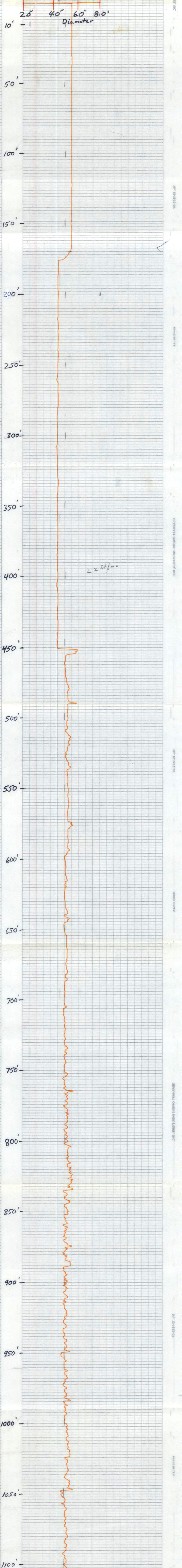
Logged By: M. P. Brown Witnessed By: G. Paluga

Comments: MSL surveyed in @ 2" reducing coupling.

Depth scale referenced to 2" reducing coupling (T.O.C.)

TYPE OF SURVEYS RUN

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





WELL LOG

WELL LOCATION

County Martin
 Station I. D. 085000023
 Date 6/20/77 Well No. MF-23
 Latitude _____ Longitude _____
 _____ Section _____ Township _____ Range _____
 Owner FP&L (SFWD) Phone 686-8800
 Driller _____ Date Drilled _____

WELL CONSTRUCTION

Drilling Method: Rot. Air CT Auger Other _____
 T. Depth - Driller _____ T. Depth - Logger 1119'
 Casing Depth Driller _____ Casing Depth Logger 456'
 Bit Size _____ Casing Dia. I.D. 5.5" 0-170'/4.25"
 Hole Dia. _____ From _____ To _____ Dia. _____ From 170' To 450'
 Type of Casing steel Casing Thickness _____
 Type of Screen _____ Screen Int. From _____ To _____
 Type of Packing _____ Well Use SFWD monitoring well
 Static Water Level 174.0" Date 6/3/77
 Yield Flow _____ Pump _____

DATUM

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

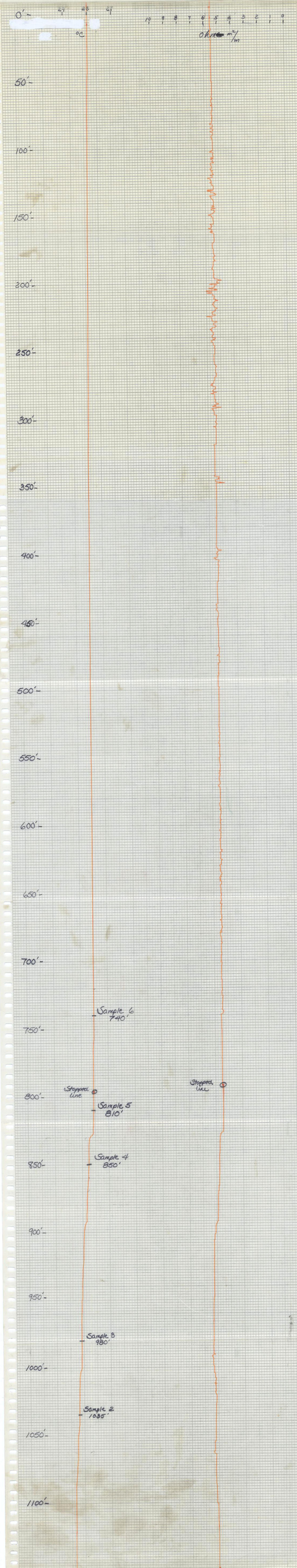
FLUID QUALITY

Date 10/31/77 Time 1315 Source of Sample wellhead
 Cl _____ mg/l Type of Fluid water
 Temp. 28.0 °C Field Density 9970- @ 28.0 °C
 T.D.S. _____ mg/l Spec. Cond. 1200 umhos/cm
 Logged By: M. P. Brown Witnessed By: G. Paluga

Comments: MSL surveyed in @ 2" reducing coupling
Depth scale referenced to 2" coupling (TOC)
Point samples at different depths taken - complete
chemical analyses available.

TYPE OF SURVEYS RUN

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





WELL LOG

WELL LOCATION

County Martin
 Station I. D. 085000023
 Date 6/20/77 Well No. MF-23
 Latitude 27° 04' 25.3" Longitude 80° 33' 47.0"
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 Driller _____ Date Drilled _____

DATUM

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FLUID QUALITY

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 Temp. 28.0 °C Field Density .9970 @ 28.0 °C
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 Casing Depth Driller _____ Casing Depth Logger 456'
 Bit Size _____ Casing Dia. I.D. 5.5" 0-170'/4.25"
 Hole Dia. _____ From _____ To _____ Dia. _____ From _____ To _____
 Type of Casing steel Casing Thickness _____
 Type of Screen _____ Screen Int. From _____ To _____
 Type of Packing _____ Well Use SFWMD monitoring well
 Static Water Level 174.0" Date 6/3/77
 Yield Flow _____ Pump _____

TYPE OF SURVEYS RUN

| | | | |
|-------------------|-----|---------------|-----|
| Lateral 6' | () | Density | () |
| Caliper | (X) | cci | (X) |
| Flow meter | (X) | Fluid Sampler | () |
| 18" 64" normals | (X) | Temperature | () |
| Neutron | (X) | Delta Temp. | () |
| Natural Gamma | (X) | SP | () |
| Fluid Resistivity | (X) | | |

