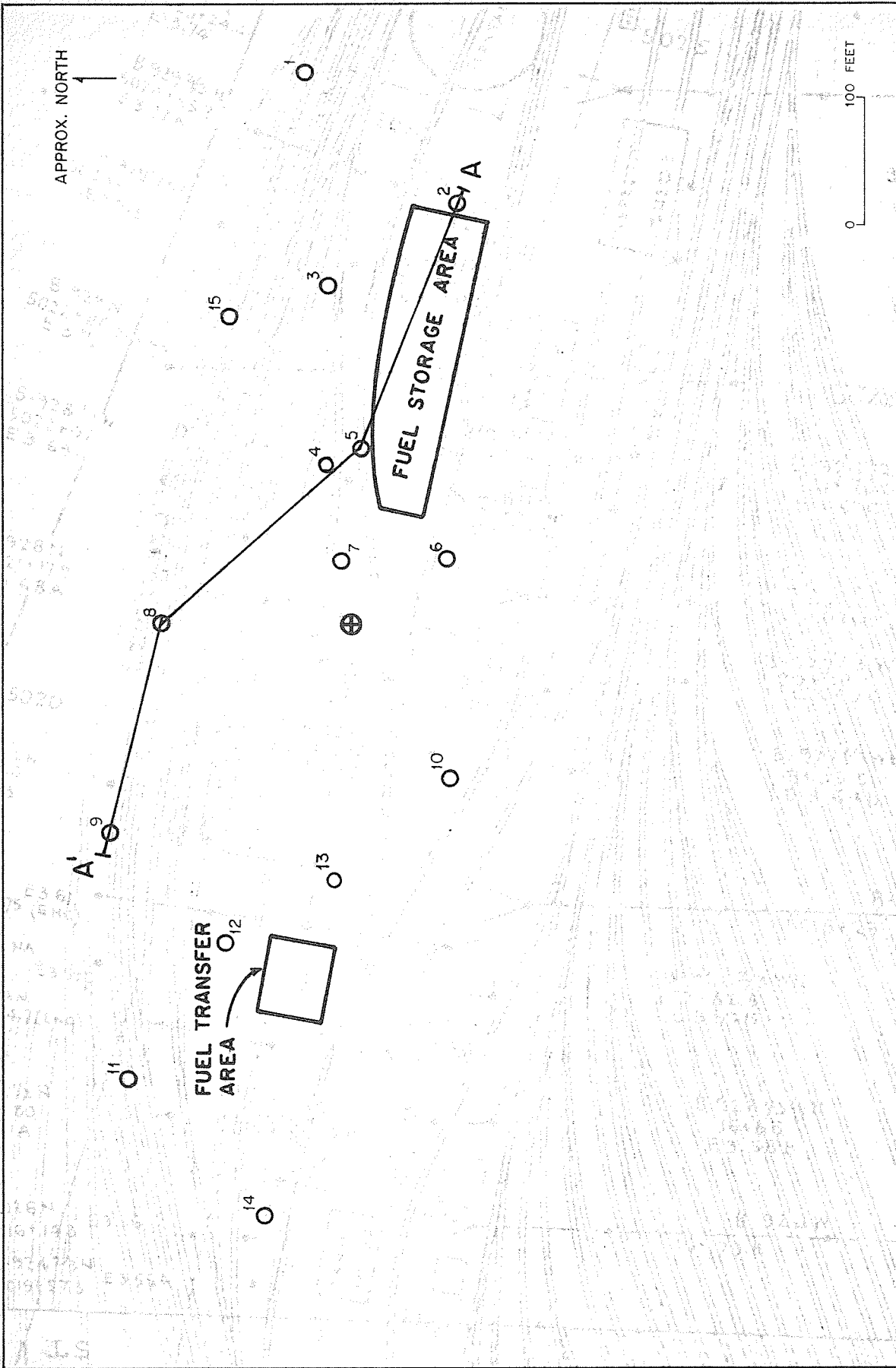


LOCATION OF STUDY AREA

AMTRAK

SUNNYSIDE NEW YORK TRAIN YARD



EXPLANATION

- ⊕ EXISTING 55 GALLON DRUM WELL
- <sup>15</sup> MONITORING WELL LOCATION AND DESIGNATION
- A-A' LINE OF CROSS-SECTION

**MONITORING WELL LOCATIONS  
AND LINE OF CROSS-SECTION A-A'**

**AMTRAK**

SUNNYSIDE, NEW YORK TRAIN YARD

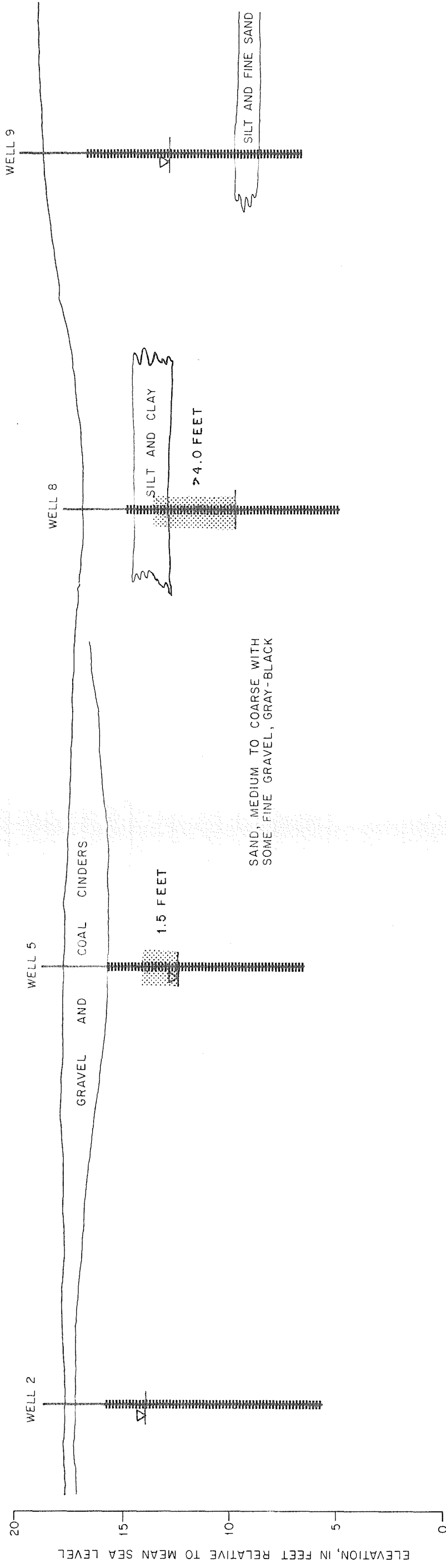
**FIGURE 2**

SOUTHEAST

A

NORTHWEST

A'



EXPLANATION

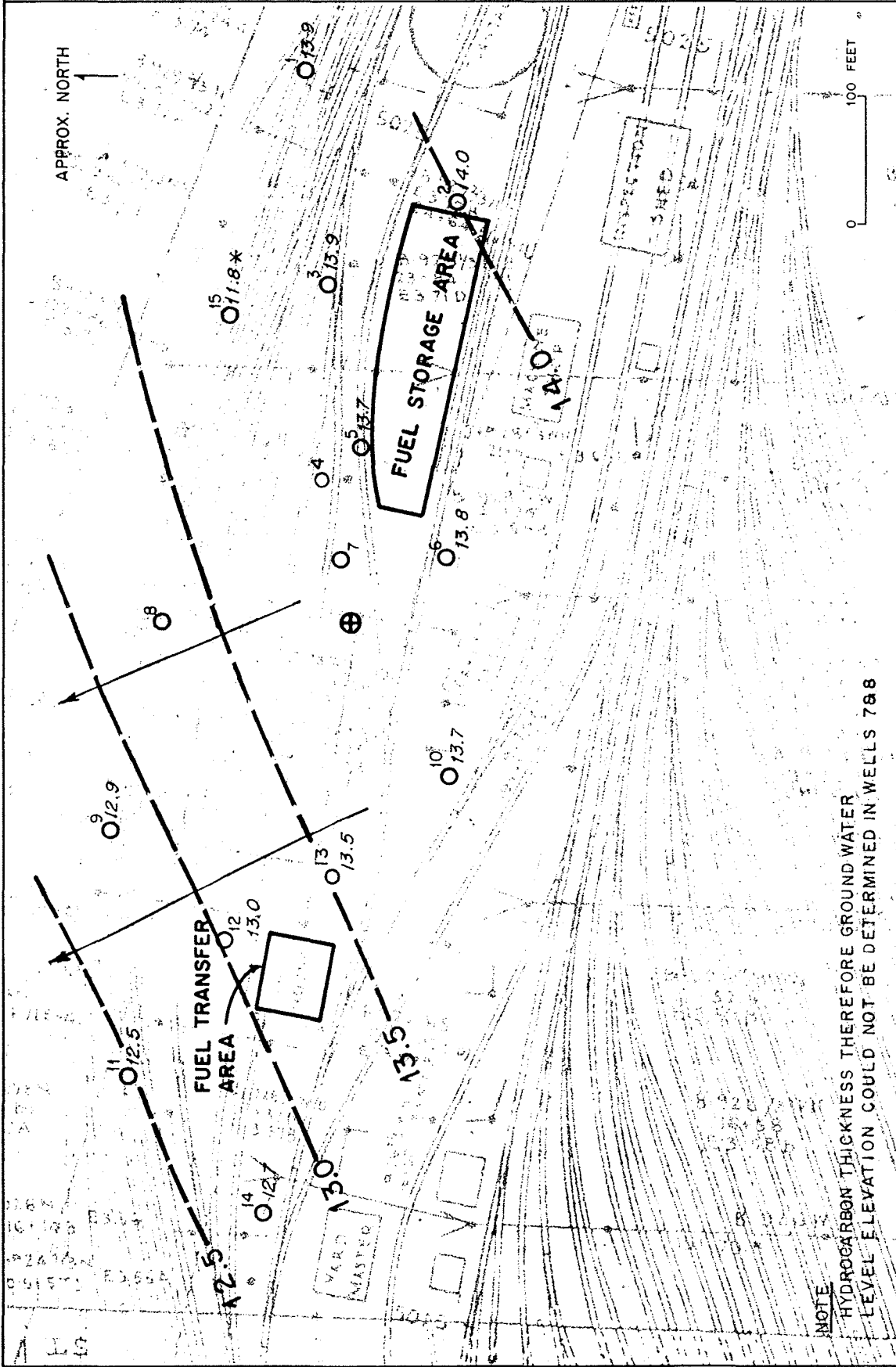
- LAND SURFACE
- 1.5 FEET THICKNESS OF HYDROCARBON MEASURED IN WELL MARCH 10, 1986
- SAND, MEDIUM TO COARSE WITH SOME FINE GRAVEL, GRAY-BLACK
- COAL CINDERS
- GRAVEL AND SAND
- SILT AND CLAY
- SILT AND FINE SAND
- WELL SCREEN

GENERALIZED GEOLOGIC CROSS-SECTION  
(A-A')

AMTRAK

SUNNYSIDE, NEW YORK TRAIN YARD

NOTE: HYDROCARBON THICKNESS THEREFORE, GROUND-WATER LEVEL ELEVATION COULD NOT BE DETERMINED IN WELL 8



**EXPLANATION**

⊕ EXISTING 55 GALLON DRUM WELL

○<sup>15</sup> MONITORING WELL LOCATION AND DESIGNATION WATER-LEVEL ELEVATION IN FEET RELATIVE TO MEAN SEA LEVEL DATUM

13.5 — INFERRED LINE OF EQUAL WATER-LEVEL ELEVATION IN FEET RELATIVE TO MEAN SEA LEVEL DATUM

← DIRECTION OF THE HORIZONTAL COMPONENT OF GROUND WATER FLOW

\* POSSIBLE SPURIOUS MEASUREMENT, SEE TEXT FOR EXPLANATION

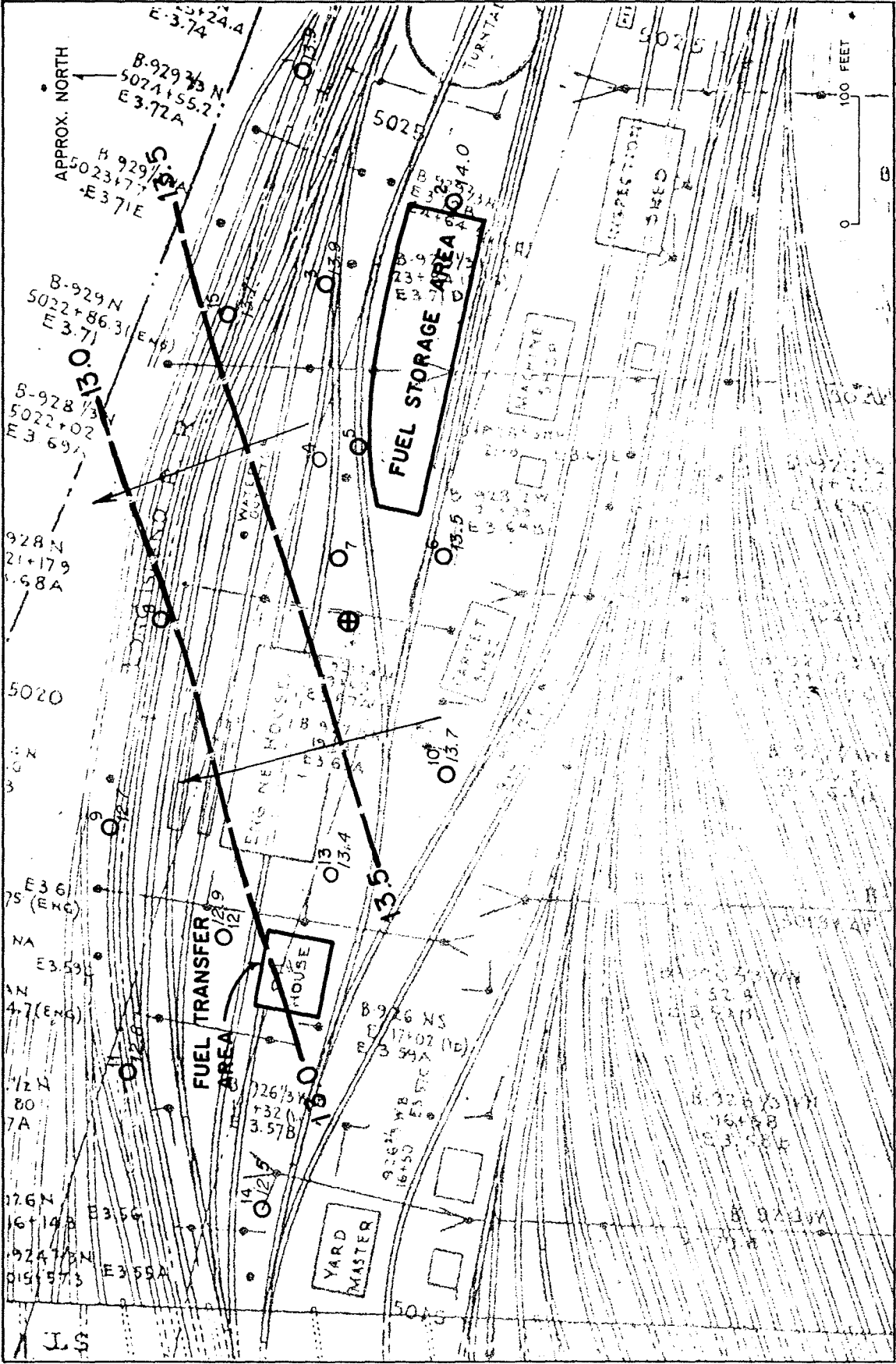
**WATER LEVEL ELEVATIONS**

**MARCH 10, 1986**

**AMTRAK**

SUNNYSIDE, NEW YORK TRAIN YARD

**FIGURE 4**



**WATER-LEVEL ELEVATIONS**

**APRIL 1, 1986**

**AMTRAK**

SUNNYSIDE, NEW YORK TRAIN YARD

**EXPLANATION**

⊕ EXISTING 55 GALLON DRUM WELL

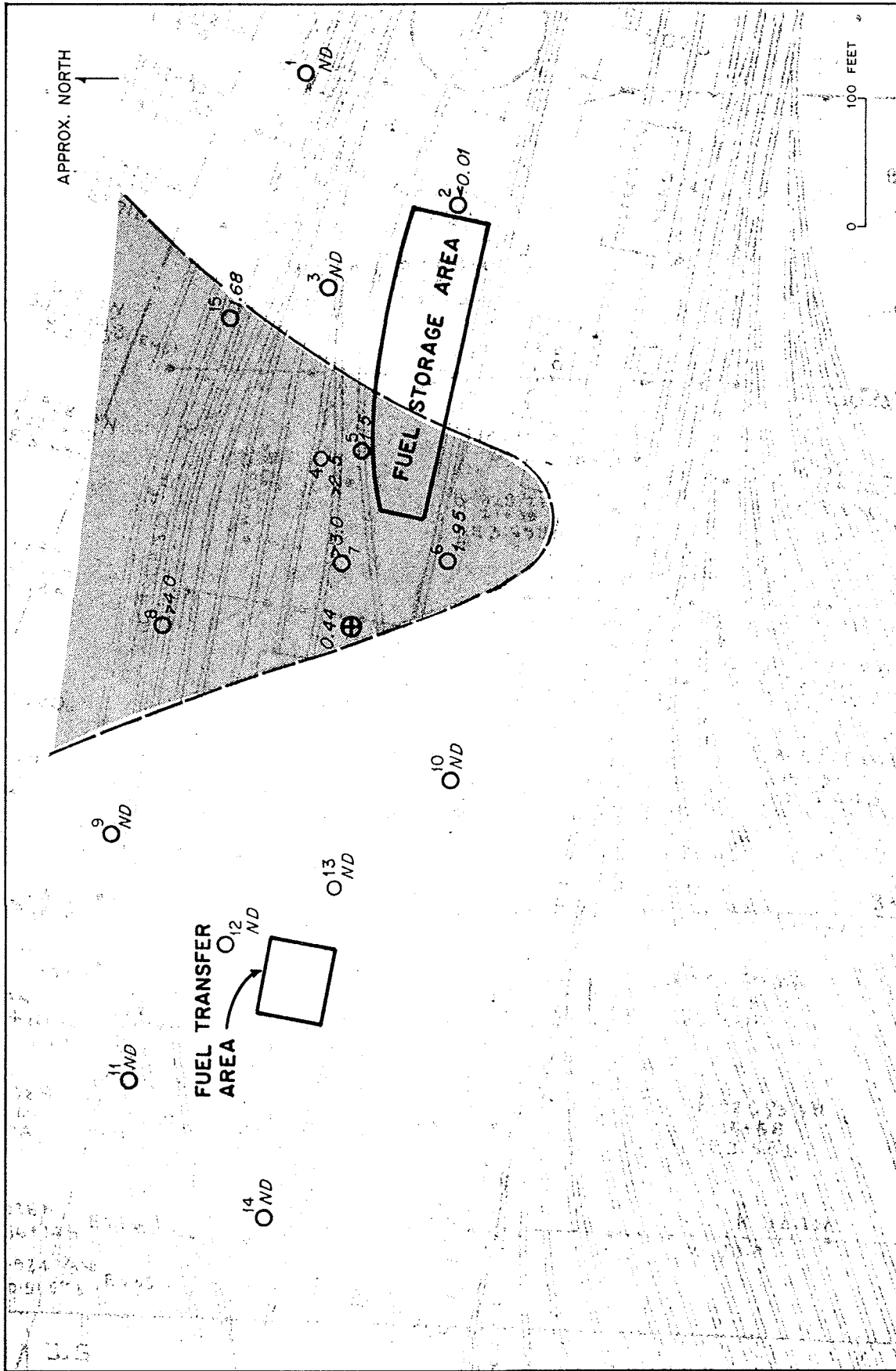
○<sub>15</sub>/<sub>13.5</sub> MONITORING WELL LOCATION AND DESIGNATION

WATER-LEVEL ELEVATION IN FEET RELATIVE TO MEAN SEA LEVEL DATUM

13.5 — INFERRED LINE OF EQUAL WATER-LEVEL ELEVATION IN FEET RELATIVE TO MEAN SEA LEVEL DATUM

→ DIRECTION OF THE HORIZONTAL COMPONENT OF GROUND WATER FLOW

**FIGURE 5**



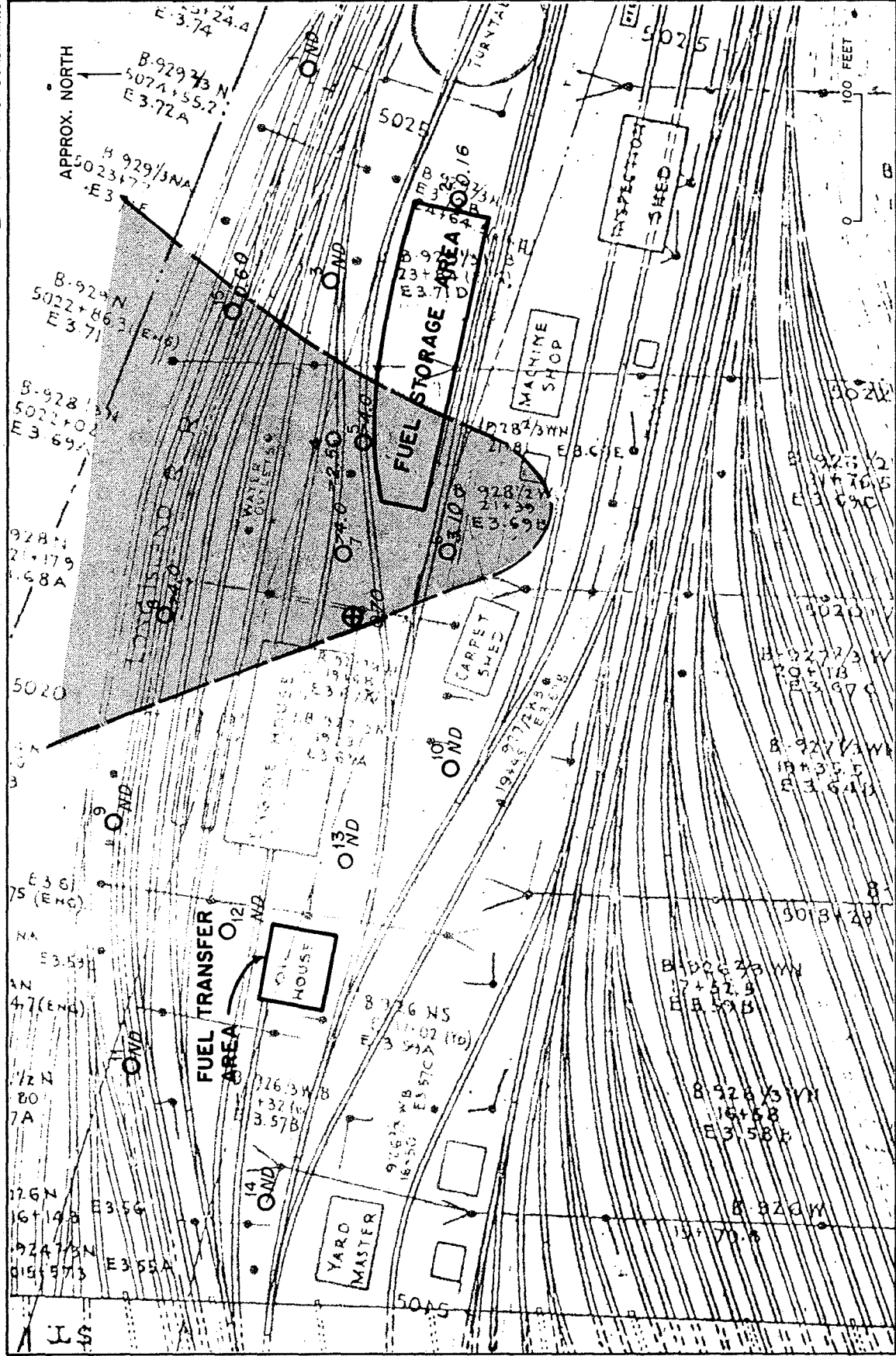
EXPLANATION

- ⊕ EXISTING 55 GALLON DRUM WELL
- <sup>15</sup> MONITORING WELL LOCATION AND DESIGNATION
- <sup>1.68</sup> THICKNESS OF HYDROCARBON DETECTED IN FEET
- ND NO HYDROCARBON DETECTED
- APPROXIMATE EXTENT OF FREE PHASE HYDROCARBON PLUME

**FREE PHASE HYDROCARBON  
THICKNESS AND EXTENT  
MARCH 10, 1986**

AMTRAK  
SUNNYSIDE, NEW YORK TRAIN YARD

**FIGURE 6**



**FREE PHASE HYDROCARBON  
 THICKNESS AND EXTENT**

**APRIL 1, 1986**

**AMTRAK**

SUNNYSIDE, NEW YORK TRAIN YARD

**EXPLANATION**

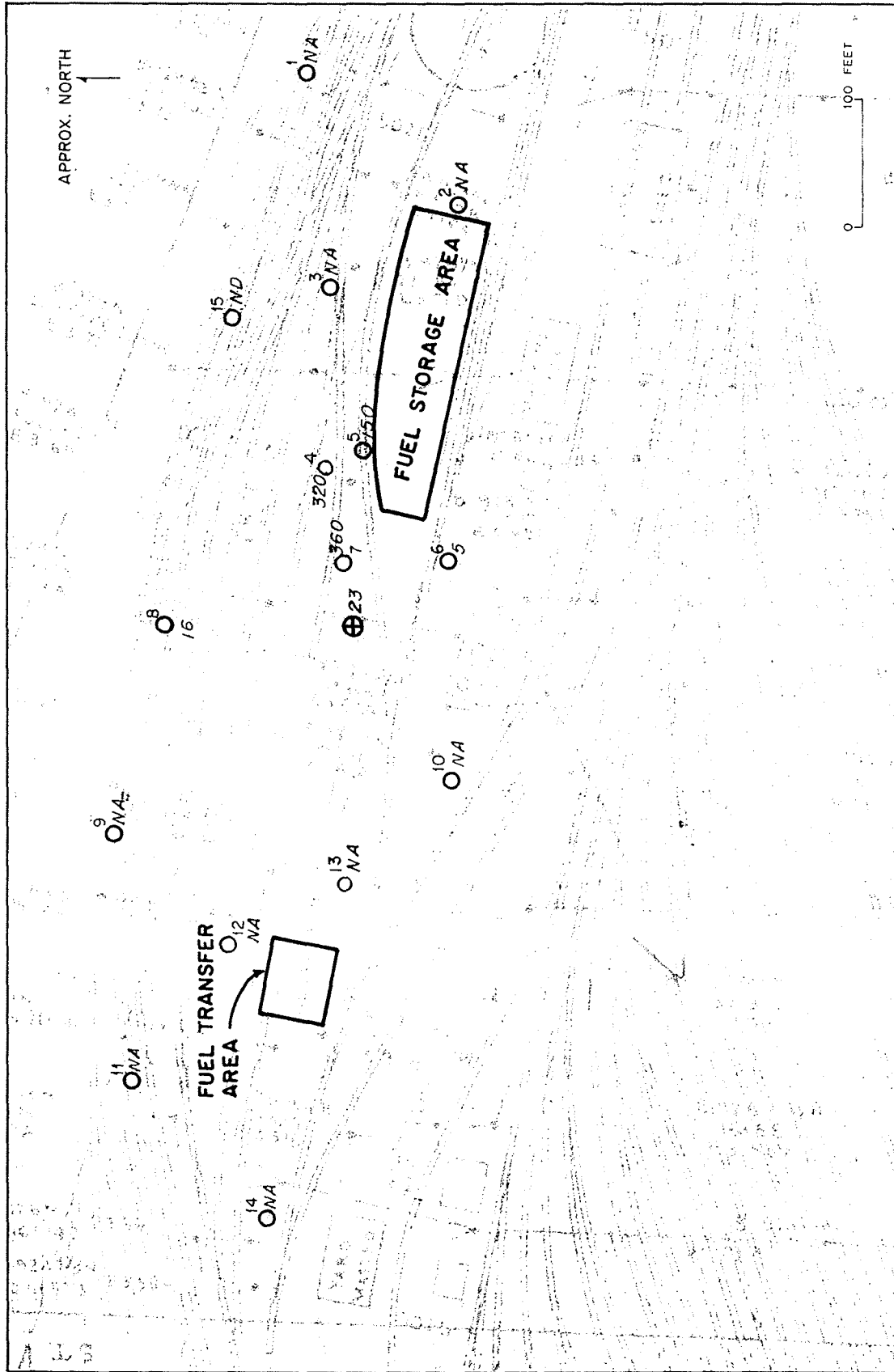
⊕ EXISTING 55 GALLON DRUM WELL

○<sup>15</sup><sub>0.60</sub> MONITORING WELL LOCATION AND DESIGNATION  
 THICKNESS OF HYDROCARBON DETECTED IN FEET

ND NO HYDROCARBON DETECTED

▨ APPROXIMATE EXTENT OF FREE PHASE HYDROCARBON PLUME

**FIGURE 7**



EXPLANATION

⊕ EXISTING 55 GALLON DRUM WELL

O/5 MONITORING WELL LOCATION AND DESIGNATION  
/50 PCB CONCENTRATION IN PARTS PER MILLION

ND NO PCB'S DETECTED

NA NOT ANALYZED

**PCB CONCENTRATIONS IN THE  
FREE PHASE HYDROCARBON LAYER**

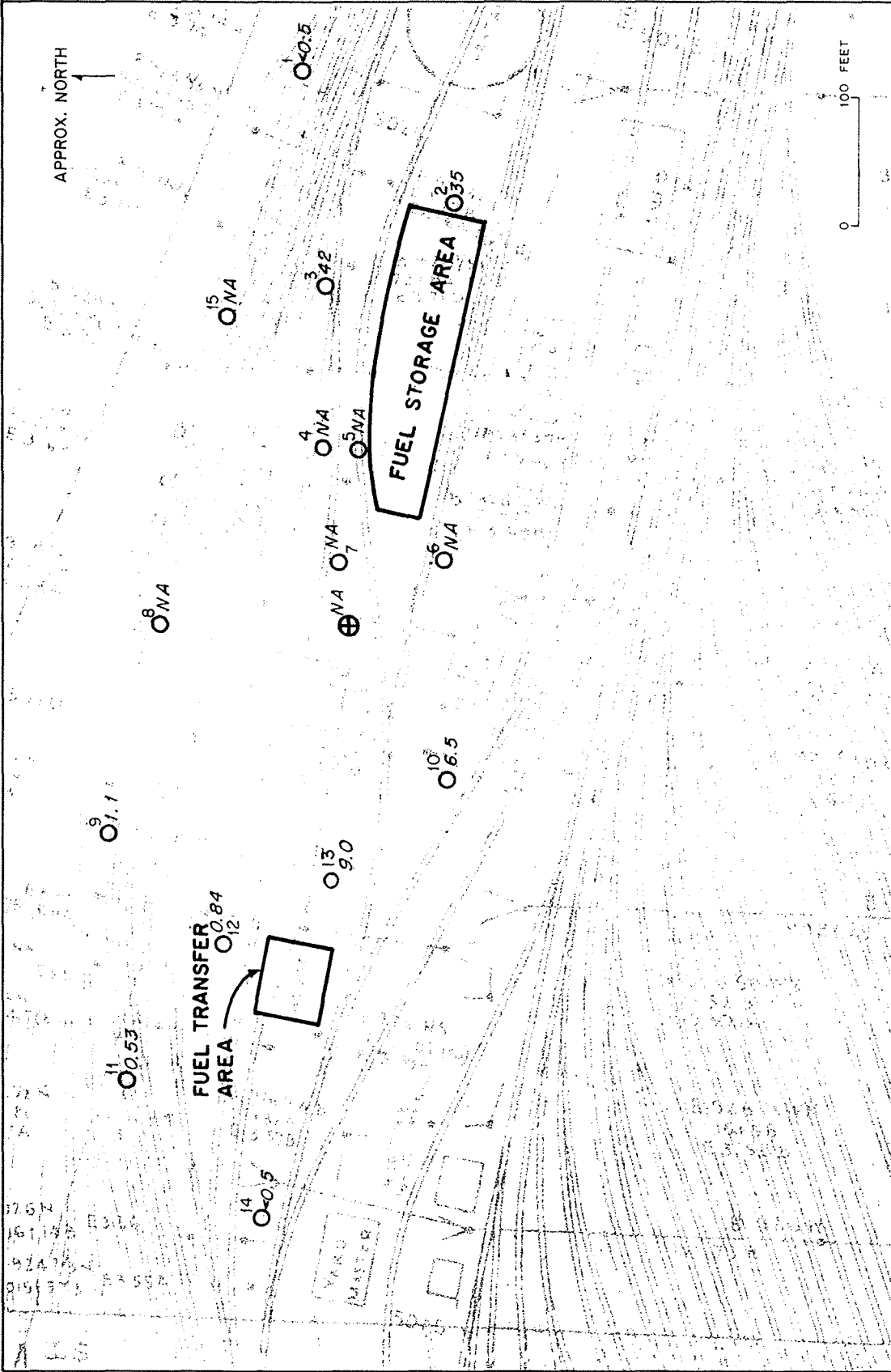
**MARCH 10 AND 11, 1986**

**AMTRAK**

SUNNYSIDE, NEW YORK TRAIN YARD

**FIGURE 8**





**PETROLEUM HYDROCARBON CONCENTRATIONS  
IN GROUND WATER  
MARCH 10 AND 11, 1986**

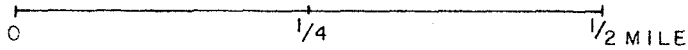
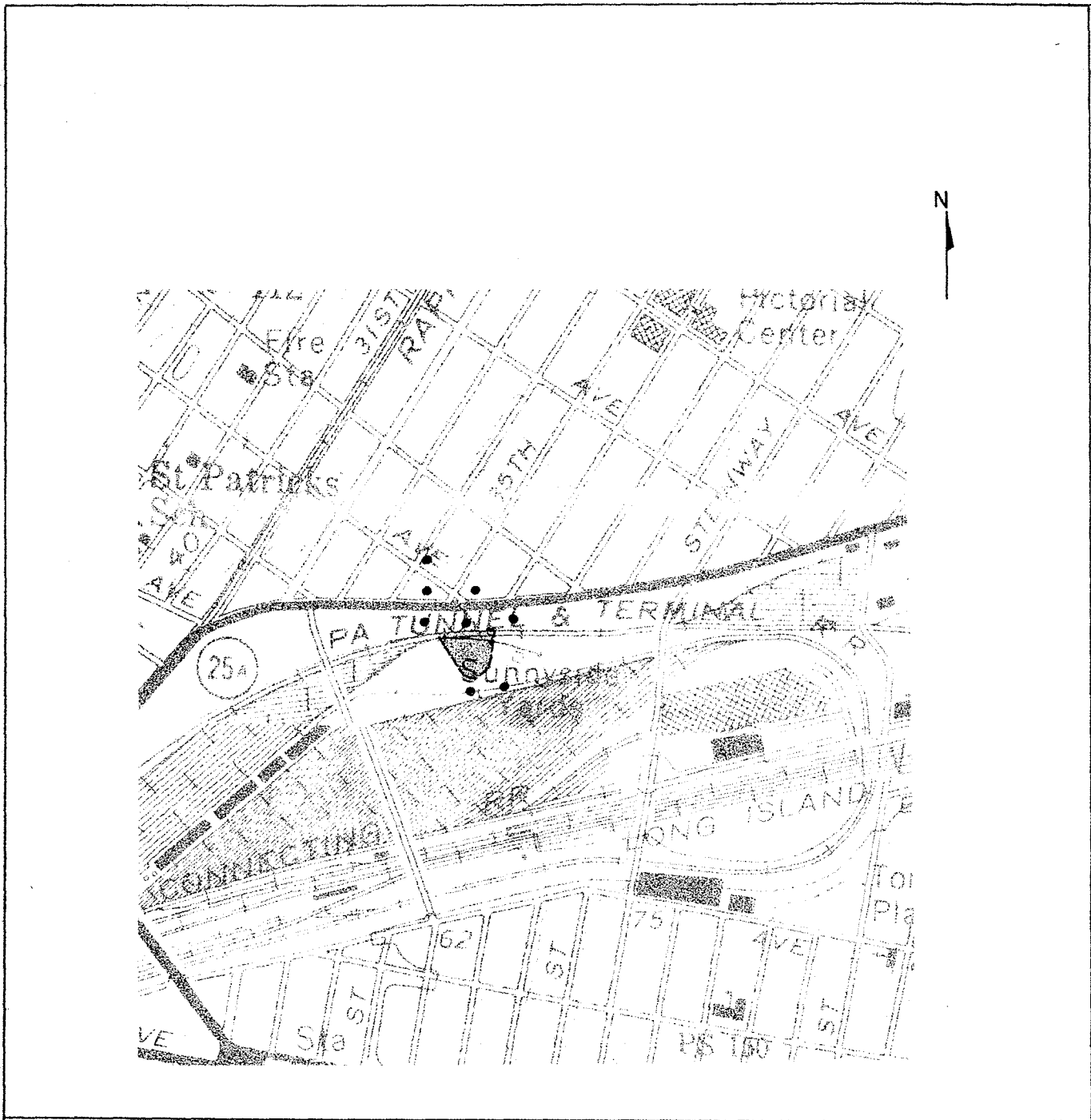
**AMTRAK**  
SUNNYSIDE, NEW YORK TRAIN YARD

**FIGURE 9**

**EXPLANATION**

|                                |  |
|--------------------------------|--|
| ⊕                              | EXISTING 55 GALLON DRUM WELL             |
| ○ <sup>3</sup> / <sub>42</sub> | MONITORING WELL LOCATION AND DESIGNATION |
|                                | PETROLEUM HYDROCARBON CONCENTRATION      |
|                                | IN PARTS PER MILLION                     |
| NA                             | NOT ANALYZED                             |





**LOCATIONS OF PROPOSED  
MONITORING WELLS**

**EXPLANATION**

- PROPOSED PHASE II MONITORING WELL
- APPROXIMATE EXTENT OF THE FREE PHASE HYDROCARBON PLUME

**AMTRAK**

SUNNYSIDE NEW YORK TRAIN YARD

**FIGURE 11**

**APPENDIX E**

## WATER SAMPLING LOG

Project/No. N1031551 Page 1 of 1  
 Site Location SUNNYSIDE, NY  
 Site/Well No. 1 Coded/Replicate No. 1 Date 3/10/86  
 Weather SUNNY Time Sampling Begin 4:50 Time Sampling Completed 5:11

### EVACUATION DATA

Description of Measuring Point (MP) TOP OF PVC  
 Height of MP Above/Below Land Surface 1.65 MP Elevation \_\_\_\_\_  
 Total Sounded Depth of Well Below MP 13.15 Water-Level Elevation \_\_\_\_\_  
 Held 9.00 Depth to Water Below MP 7.14 Diameter of Casing 2"  
 Wet 1.86 Water Column in Well 6.01 Gallons Pumped/Bailed Prior to Sampling 4  
 Gallons per Foot 0.16  
 Gallons in Well 0.96 Sampling Pump Intake Setting (feet below land surface) \_\_\_\_\_  
 Evacuation Method TEFLON BAILER

### SAMPLING DATA/FIELD PARAMETERS

Color VERY LIGHT BROWN Odor NONE Appearance TURBID Temperature 9 °F/°C  
 Other (specific ion; OVA; HNU; etc.) \_\_\_\_\_

Specific Conductance, umhos/cm 1200 pH 7.15

Sampling Method and Material TEFLON BAILER

| Constituents Sampled          | Container Description<br>From Lab <input checked="" type="checkbox"/> or G&M _____ | Preservative |
|-------------------------------|--|--------------|
| <u>BTX</u>                    | _____  | _____        |
| <u>PCB</u>                    | _____  | _____        |
| <u>PETROLEUM HYDROCARBONS</u> | _____  | _____        |

Remarks \_\_\_\_\_

Sampling Personnel SJP + NC

| WELL CASING VOLUMES |                |               |               |           |
|---------------------|----------------|---------------|---------------|-----------|
| GAL./FT             | 1-1/4" = 0.077 | 2" = 0.16     | 3" = 0.37     | 4" = 0.65 |
|                     | 1-1/2" = 0.10  | 2-1/2" = 0.24 | 3-1/2" = 0.50 | 6" = 1.46 |

**WATER SAMPLING LOG**

Project/No. N1031551 Page 1 of 1  
 Site Location SUNNYSIDE, N.Y.  
 Site/Well No. 2 Coded/Replicate No. 2 Date 3/10/80  
 Weather PARTLY CLOUDY Time Sampling Began 10:32 Time Sampling Completed 10:49

**EVACUATION DATA**

Description of Measuring Point (MP) TOP OF PVC  
 Height of MP Above/Below Land Surface 1.80 MP Elevation \_\_\_\_\_  
 Total Sounded Depth of Well Below MP 13.50 Water-Level Elevation \_\_\_\_\_  
 Held 7.00 Depth to Water Below MP 5.51 Diameter of Casing 2"  
 Wet 1.49 Water Column in Well 7.99 Gallons Pumped/Bailed Prior to Sampling 4  
 Gallons per Foot 0.16 Sampling Pump Intake Setting (feet below land surface) -  
 Gallons in Well 1.27  
 Evacuation Method TEFLON BAILER

**SAMPLING DATA/FIELD PARAMETERS**

Color GRAY Odor NONE Appearance VERY TURBID Temperature 13 °F/°C  
 Other (specific ion; OVA; HNU; etc.) -

Specific Conductance, umhos/cm 650 pH 6.95

Sampling Method and Material TEFLON BAILER

| Constituents Sampled          | Container Description From Lab <u>X</u> or G&M _____ | Preservative |
|-------------------------------|--|--------------|
| <u>PCB</u>                    | _____  | _____        |
| <u>BTX</u>                    | _____  | _____        |
| <u>PETROLEUM HYDROCARBONS</u> | _____  | _____        |

Remarks -

Sampling Personnel SJP + NL

| GAL./FT       | WELL CASING VOLUMES |               |           |           |
|---------------|---------------------|---------------|-----------|-----------|
|               | 1-1/4" = 0.077      | 2" = 0.16     | 3" = 0.37 | 4" = 0.65 |
| 1-1/2" = 0.10 | 2-1/2" = 0.24       | 3-1/2" = 0.50 | 6" = 1.46 |           |

## WATER SAMPLING LOG

Project/No. N1031551

Page 1 of 1

Site Location SUNNY SIDE, N.Y.

Site/Well No. 3

Coded/  
Replicate No. \_\_\_\_\_

Date 3/10/86

Weather SUNNY

Time Sampling  
Began 11:05

Time Sampling  
Completed 11:29

### EVACUATION DATA

Description of Measuring Point (MP) TOP OF PVC

Height of MP Above/Below Land Surface 1.25 MP Elevation \_\_\_\_\_

Total Sounded Depth of Well Below MP 14.39 Water-Level Elevation \_\_\_\_\_

Held 7.00 Depth to Water Below MP 5.82 Diameter of Casing 2"

Wet 1.18 Water Column in Well 8.57 Gallons Pumped/Bailed  
Prior to Sampling 5

Gallons per Foot 0.16

Gallons in Well 1.37 Sampling Pump Intake Setting  
(feet below land surface) \_\_\_\_\_

Evacuation Method TEFLON BAILER

### SAMPLING DATA/FIELD PARAMETERS

Color GRAY Odor PETROLEUM Appearance TURBID Temperature 13 °F/°C

Other (specific ion; OVA; HNU; etc.) \_\_\_\_\_

Specific Conductance,  
umhos/cm 450 pH 6.95

Sampling Method and Material TEFLON BAILER

| Constituents Sampled          | Container Description<br>From Lab <u>X</u> or G&M _____ | Preservative |
|-------------------------------|---|--------------|
| <u>BTX</u>                    | _____   | _____        |
| <u>PCB</u>                    | _____   | _____        |
| <u>PETROLEUM HYDROCARBONS</u> | _____   | _____        |

Remarks \_\_\_\_\_

Sampling Personnel SJP + NC

#### WELL CASING VOLUMES

|         |                |               |               |           |
|---------|----------------|---------------|---------------|-----------|
| GAL./FT | 1-1/4" = 0.077 | 2" = 0.16     | 3" = 0.37     | 4" = 0.65 |
|         | 1-1/2" = 0.10  | 2-1/2" = 0.24 | 3-1/2" = 0.50 | 6" = 1.46 |

## WATER SAMPLING LOG

Project/No. N1031SSI

Page 1 of 1

Site Location SUNNYSIDE, NY

Site/Well No. 4

Coded/  
Replicate No. \_\_\_\_\_

Date 3/10/86

Weather PARTLY CLOUDY

Time Sampling  
Began 1:30

Time Sampling  
Completed 1:30

### EVACUATION DATA

Description of Measuring Point (MP) WELL DAMAGED 3/7/86

Height of MP Above/Below Land Surface \_\_\_\_\_ MP Elevation \_\_\_\_\_

Total Sounded Depth of Well Below MP \_\_\_\_\_ Water-Level Elevation \_\_\_\_\_

Held \_\_\_\_\_ Depth to <sup>OIL</sup>Water Below MP ~ 2.5 FT Diameter of Casing 2"

Wet \_\_\_\_\_ Water Column in Well \_\_\_\_\_ Gallons Pumped/Bailed Prior to Sampling 0

Gallons per Foot \_\_\_\_\_

Gallons in Well \_\_\_\_\_ Sampling Pump Intake Setting (feet below land surface) \_\_\_\_\_

Evacuation Method \_\_\_\_\_

### SAMPLING DATA/FIELD PARAMETERS

Color BLACK Odor PETROLEUM Appearance OPAQUE Temperature \_\_\_\_\_ °F/°C

Other (specific ion; OVA; HNU; etc.) \_\_\_\_\_

Specific Conductance, umhos/cm \_\_\_\_\_ pH \_\_\_\_\_

Sampling Method and Material TEFLON BAILER

| Constituents Sampled | Container Description<br>From Lab <u>X</u> or G&M _____ | Preservative |
|----------------------|---|--------------|
| <u>PCB</u>           | _____   | _____        |
| _____                | _____   | _____        |
| _____                | _____   | _____        |

Remarks > 2.5 FT OF PRODUCT WAS PRESENT IN THE WELL

Sampling Personnel SJP + NC

| WELL CASING VOLUMES |              |             |             |           |
|---------------------|--------------|-------------|-------------|-----------|
| GAL./FT             | 1-¼" = 0.077 | 2" = 0.16   | 3" = 0.37   | 4" = 0.65 |
|                     | 1-½" = 0.10  | 2-½" = 0.24 | 3-½" = 0.50 | 6" = 1.46 |



## WATER SAMPLING LOG

Project/No. N1031551

Page 1 of 1

Site Location SUNNYSIDE, N.Y.

Site/Well No. 5

Coded/  
Replicate No. \_\_\_\_\_

Date 3/10/95

Weather PARTLY CLOUDY

Time Sampling  
Began 9:55

Time Sampling  
Completed 10:03

### EVACUATION DATA

Description of Measuring Point (MP) TOP OF PVC

Height of MP Above/Below Land Surface 1.45 MP Elevation \_\_\_\_\_

Total Sounded Depth of Well Below MP 11.95 Water-Level Elevation \_\_\_\_\_

Held 7.00 Depth to <sup>OIL</sup>Water Below MP 5.65 Diameter of Casing 2"

Wet 1.35 Water Column in Well 6.30 Gallons Pumped/Bailed Prior to Sampling 0

Gallons per Foot 0.16

Gallons in Well 1.01 Sampling Pump Intake Setting (feet below land surface) \_\_\_\_\_

Evacuation Method -

### SAMPLING DATA/FIELD PARAMETERS

Color BLACK Odor PETROLEUM Appearance OPAQUE Temperature \_\_\_\_\_ °F/°C

Other (specific ion; OVA; HNU; etc.) \_\_\_\_\_

Specific Conductance, umhos/cm \_\_\_\_\_ pH \_\_\_\_\_

Sampling Method and Material TEFLON BAILER

| Constituents Sampled | Container Description<br>From Lab <u>X</u> or G&M _____ | Preservative |
|----------------------|---|--------------|
| <u>PCB</u>           | _____   | _____        |
| _____                | _____   | _____        |
| _____                | _____   | _____        |

Remarks 1.5 FT. OF PRODUCT WAS PRESENT IN THE WELL

Sampling Personnel SJP + NL

#### WELL CASING VOLUMES

|         |              |             |             |           |
|---------|--------------|-------------|-------------|-----------|
| GAL./FT | 1-¼" = 0.077 | 2" = 0.16   | 3" = 0.37   | 4" = 0.65 |
|         | 1-½" = 0.10  | 2-½" = 0.24 | 3-½" = 0.50 | 6" = 1.46 |

## WATER SAMPLING LOG

Project/No. N1031551

Page 1 of 1

Site Location SUNNYSIDE, N.Y.

Site/Well No. 6

Coded/  
Replicate No. \_\_\_\_\_

Date 3/11/90

Weather SUNNY

Time Sampling  
Began 8:50

Time Sampling  
Completed 9:01

### EVACUATION DATA

Description of Measuring Point (MP) TOP OF PVC

Height of MP Above/Below Land Surface 2.50 MP Elevation \_\_\_\_\_

Total Sounded Depth of Well Below MP \_\_\_\_\_ Water-Level Elevation \_\_\_\_\_

Held 8.00 Depth to <sup>OIL</sup> Water Below MP 6.21 Diameter of Casing 2"

Wet 1.79 Water Column in Well \_\_\_\_\_ Gallons Pumped/Bailed  
Prior to Sampling 0

Gallons per Foot \_\_\_\_\_

Gallons in Well \_\_\_\_\_ Sampling Pump Intake Setting  
(feet below land surface) -

Evacuation Method -

### SAMPLING DATA/FIELD PARAMETERS

Color BLACK Odor PETROLEUM Appearance OPAQUE Temperature - °F/°C

Other (specific ion; OVA; HNU; etc.) -

Specific Conductance, umhos/cm - pH -

Sampling Method and Material TEFLON BAILER

| Constituents Sampled | Container Description<br>From Lab <u>X</u> or G&M _____ | Preservative |
|----------------------|---|--------------|
| <u>PCB</u>           | _____   | _____        |
| _____                | _____   | _____        |
| _____                | _____   | _____        |

Remarks 1.95 FT OF PRODUCT WAS IN THE WELL

Sampling Personnel SJP + NC

#### WELL CASING VOLUMES

|         |              |             |             |           |
|---------|--------------|-------------|-------------|-----------|
| GAL./FT | 1-¼" = 0.077 | 2" = 0.16   | 3" = 0.37   | 4" = 0.65 |
|         | 1-½" = 0.10  | 2-½" = 0.24 | 3-½" = 0.50 | 6" = 1.46 |

## WATER SAMPLING LOG

Project/No. 1031551 Page 1 of 1  
 Site Location SUNNYSIDE, N.Y.  
 Site/Well No. 7 Coded/Replicate No. \_\_\_\_\_ Date 3/11/82  
 Weather PARTLY CLOUDY Time Sampling Began 9:30 Time Sampling Completed 9:44

### EVACUATION DATA

Description of Measuring Point (MP) TOP OF PVC  
 Height of MP Above/Below Land Surface 1.75 MP Elevation \_\_\_\_\_  
 Total Sounded Depth of Well Below MP 14.65 Water-Level Elevation \_\_\_\_\_  
 Held 7.00 <sup>OIL</sup> Depth to Water Below MP 5.35 Diameter of Casing 2"  
 Wet 1.65 Water Column in Well \_\_\_\_\_ Gallons Pumped/Bailed Prior to Sampling 0  
 Gallons per Foot \_\_\_\_\_ Sampling Pump Intake Setting (feet below land surface) \_\_\_\_\_  
 Gallons in Well \_\_\_\_\_

Evacuation Method —

### SAMPLING DATA/FIELD PARAMETERS

Color BLACK Odor PETROLEUM Appearance OPAQUE Temperature — °F/°C  
 Other (specific ion; OVA; HNU; etc.) —

Specific Conductance, umhos/cm — pH —

Sampling Method and Material TEFLON BAILER

| Constituents Sampled | Container Description<br>From Lab <u>X</u> or G&M _____ | Preservative |
|----------------------|---|--------------|
| <u>PCB</u>           | _____   | _____        |
| _____                | _____   | _____        |
| _____                | _____   | _____        |

Remarks > 3.00 FT OF PRODUCT IN THE WELL

Sampling Personnel \_\_\_\_\_

| WELL CASING VOLUMES |                |               |               |           |
|---------------------|----------------|---------------|---------------|-----------|
| GAL./FT             | 1-1/4" = 0.077 | 2" = 0.16     | 3" = 0.37     | 4" = 0.65 |
|                     | 1-1/2" = 0.10  | 2-1/2" = 0.24 | 3-1/2" = 0.50 | 6" = 1.46 |

## WATER SAMPLING LOG

Project/No. 1031551 Page 1 of 1  
 Site Location SUNNYSIDE, N.Y.  
 Site/Well No. 8 Coded/Replicate No. \_\_\_\_\_ Date 3/10/90  
 Weather SUNNY Time Sampling Began 11:58 Time Sampling Completed 12:03

### EVACUATION DATA

Description of Measuring Point (MP) TOP OF PROTECTIVE CASING  
 Height of MP Above/Below Land Surface 3.75 MP Elevation \_\_\_\_\_  
 Total Sounded Depth of Well Below MP 15.37 Water-Level Elevation \_\_\_\_\_  
 Held 8.00 Depth to <sup>OIL</sup> Water Below MP 6.80 Diameter of Casing 2"  
 Wet 1.20 Water Column in Well \_\_\_\_\_ Gallons Pumped/Bailed Prior to Sampling 0  
 Gallons per Foot \_\_\_\_\_ Sampling Pump Intake Setting (feet below land surface) \_\_\_\_\_  
 Gallons in Well \_\_\_\_\_  
 Evacuation Method \_\_\_\_\_

### SAMPLING DATA/FIELD PARAMETERS

Color BLACK Odor PETROLEUM Appearance OPAQUE Temperature \_\_\_\_\_ °F/°C  
 Other (specific ion; OVA; HNU; etc.) \_\_\_\_\_

Specific Conductance, umhos/cm \_\_\_\_\_ pH \_\_\_\_\_

Sampling Method and Material TEFLON BAILEY

| Constituents Sampled | Container Description<br>From Lab <input checked="" type="checkbox"/> or G&M _____ | Preservative |
|----------------------|--|--------------|
| <u>PCB</u>           | _____  | _____        |
| _____                | _____  | _____        |
| _____                | _____  | _____        |

Remarks > 4.00 FT OF PRODUCT IS PRESENT IN THE WELL

Sampling Personnel SJP + NC

| WELL CASING VOLUMES |                |               |               |           |
|---------------------|----------------|---------------|---------------|-----------|
| GAL./FT             | 1-1/4" = 0.077 | 2" = 0.16     | 3" = 0.37     | 4" = 0.65 |
|                     | 1-1/2" = 0.10  | 2-1/2" = 0.24 | 3-1/2" = 0.50 | 6" = 1.46 |

## WATER SAMPLING LOG

Project/No. 1031551 Page \_\_\_\_\_ of \_\_\_\_\_  
 Site Location SUNNYSIDE, N.Y.  
 Site/Well No. 9 Coded/Replicate No. \_\_\_\_\_ Date 3/10/86  
 Weather SUNNY Time Sampling Began 4:25 Time Sampling Completed 4:30

### EVACUATION DATA

Description of Measuring Point (MP) TOP OF PVC  
 Height of MP Above/Below Land Surface 1.40 MP Elevation \_\_\_\_\_  
 Total Sounded Depth of Well Below MP 13.3 Water-Level Elevation \_\_\_\_\_  
 Held 9.00 Depth to Water Below MP 7.31 Diameter of Casing 2"  
 Wet 1.69 Water Column in Well 5.99 Gallons Pumped/Bailed Prior to Sampling 5  
 Gallons per Foot 0.16  
 Gallons in Well 0.96 Sampling Pump Intake Setting (feet below land surface) -  
 Evacuation Method TEFLON BAILER

### SAMPLING DATA/FIELD PARAMETERS

Color BROWN - BLACK Odor NONE Appearance VERY TURBID Temperature 11 °F/°C  
 Other (specific ion; OVA; HNU; etc.) -  
 Specific Conductance, umhos/cm 1050 pH 6.65  
 Sampling Method and Material TEFLON BAILER

| Constituents Sampled          | Container Description<br>From Lab <u>X</u> or G&M _____ | Preservative |
|-------------------------------|---|--------------|
| <u>BTX</u>                    | _____   | _____        |
| <u>PCB</u>                    | _____   | _____        |
| <u>PETROLEUM HYDROCARBONS</u> | _____   | _____        |

Remarks -

Sampling Personnel SJP + NL

| WELL CASING VOLUMES |                |               |               |           |
|---------------------|----------------|---------------|---------------|-----------|
| GAL./FT             | 1-1/4" = 0.077 | 2" = 0.16     | 3" = 0.37     | 4" = 0.65 |
|                     | 1-1/2" = 0.10  | 2-1/2" = 0.24 | 3-1/2" = 0.50 | 6" = 1.46 |

## WATER SAMPLING LOG

Project/No. N1031551

Page 1 of 1

Site Location SUNNYSIDE, N.Y.

Site/Well No. 10 Coded/  
Replicate No. \_\_\_\_\_

Date 3/10/86

Weather \_\_\_\_\_ Time Sampling  
Began 1:20

Time Sampling  
Completed 1:50

### EVACUATION DATA

Description of Measuring Point (MP) TOP OF PVC

Height of MP Above/Below Land Surface 1.60 MP Elevation \_\_\_\_\_

Total Sounded Depth of Well Below MP 12.90 Water-Level Elevation \_\_\_\_\_

Held 6.00 Depth to Water Below MP 4.66 Diameter of Casing 2"

Wet 1.34 Water Column in Well 8.24 Gallons Pumped/Bailed  
Prior to Sampling 4

Gallons per Foot 0.16

Gallons in Well 1.32 Sampling Pump Intake Setting  
(feet below land surface) \_\_\_\_\_

Evacuation Method TEFLON BAILER

### SAMPLING DATA/FIELD PARAMETERS

Color BROWN Odor NONE Appearance VERY TURBID Temperature 9 °F/°C

Other (specific ion; OVA; HNU; etc.) \_\_\_\_\_

Specific Conductance,  
umhos/cm 1100 pH 6.95

Sampling Method and Material TEFLON BAILER

| Constituents Sampled          | Container Description<br>From Lab <u>X</u> or G&M _____ | Preservative |
|-------------------------------|---|--------------|
| <u>BTX</u>                    | _____   | _____        |
| <u>PCB</u>                    | _____   | _____        |
| <u>PETROLEUM HYDROCARBONS</u> | _____   | _____        |

Remarks \_\_\_\_\_

Sampling Personnel SJP + NL

| WELL CASING VOLUMES |                |               |               |           |
|---------------------|----------------|---------------|---------------|-----------|
| GAL./FT             | 1-1/4" = 0.077 | 2" = 0.16     | 3" = 0.37     | 4" = 0.65 |
|                     | 1-1/2" = 0.10  | 2-1/2" = 0.24 | 3-1/2" = 0.50 | 6" = 1.46 |

## WATER SAMPLING LOG

Project/No. N1031551

Page 1 of 1

Site Location SUNNYSIDE, NY

Site/Well No. 11

Coded/  
Replicate No. \_\_\_\_\_

Date 3/10/86

Weather SUNNY

Time Sampling  
Began 3.45

Time Sampling  
Completed 4.15

### EVACUATION DATA

Description of Measuring Point (MP) TOP OF PVC

Height of MP Above/Below Land Surface 2.10 MP Elevation \_\_\_\_\_

Total Sounded Depth of Well Below MP 16.8 Water-Level Elevation \_\_\_\_\_

Held \_\_\_\_\_ Depth to Water Below MP 6.00 Diameter of Casing 2"

Wet \_\_\_\_\_ Water Column in Well 10.8 Gallons Pumped/Bailed  
Prior to Sampling 6

Gallons per Foot 0.16

Gallons in Well 1.73 Sampling Pump Intake Setting  
(feet below land surface) \_\_\_\_\_

Evacuation Method TEFLON BAILER

### SAMPLING DATA/FIELD PARAMETERS

Color LIGHT BROWN Odor NONE Appearance TURBID Temperature 10 °F/°C

Other (specific ion; OVA; HNU; etc.) -

Specific Conductance,  
umhos/cm 1200 pH 6.75

Sampling Method and Material TEFLON BAILER

| Constituents Sampled          | Container Description<br>From Lab <input checked="" type="checkbox"/> or G&M _____ | Preservative |
|-------------------------------|--|--------------|
| <u>BTX</u>                    | _____  | _____        |
| <u>PCB</u>                    | _____  | _____        |
| <u>PETROLEUM HYDROCARBONS</u> | _____  | _____        |

Remarks -

Sampling Personnel SJP + NC

#### WELL CASING VOLUMES

| GAL./FT | 1-1/4" = 0.077 | 2" = 0.16     | 3" = 0.37     | 4" = 0.65 |
|---------|----------------|---------------|---------------|-----------|
|         | 1-1/2" = 0.10  | 2-1/2" = 0.24 | 3-1/2" = 0.50 | 6" = 1.46 |

## WATER SAMPLING LOG

Project/No. N1031551 Page 1 of 1  
 Site Location SUNNYSIDE, NY  
 Site/Well No. 12 Coded/Replicate No. 12 Date 3/10/80  
 Weather SUNNY Time Sampling Began 2:45 Time Sampling Completed 2:55

### EVACUATION DATA

Description of Measuring Point (MP) TOP OF PVC  
 Height of MP Above/Below Land Surface 0.80 MP Elevation \_\_\_\_\_  
 Total Sounded Depth of Well Below MP 13.40 Water-Level Elevation \_\_\_\_\_  
 Held 5.50 Depth to Water Below MP 3.82 Diameter of Casing 2"  
 Wet 1.68 Water Column in Well 9.58 Gallons Pumped/Bailed Prior to Sampling 5  
 Gallons per Foot 0.16  
 Gallons in Well 1.53 Sampling Pump Intake Setting (feet below land surface) -  
 Evacuation Method TEFLON BAILER

### SAMPLING DATA/FIELD PARAMETERS

Color GRAY-BROWN Odor NONE Appearance VERY TURBID Temperature 10 °F/°C  
 Other (specific ion; OVA; HNU; etc.) -

Specific Conductance, umhos/cm 1250 pH 7.00

Sampling Method and Material TEFLON BAILER

| Constituents Sampled          | Container Description<br>From Lab <u>X</u> or G&M _____ | Preservative |
|-------------------------------|---|--------------|
| <u>BTX</u>                    | _____   | _____        |
| <u>PCB</u>                    | _____   | _____        |
| <u>PETROLEUM HYDROCARBONS</u> | _____   | _____        |

Remarks -

Sampling Personnel SJP + NL

| WELL CASING VOLUMES |                |               |               |           |
|---------------------|----------------|---------------|---------------|-----------|
| GAL./FT             | 1-1/4" = 0.077 | 2" = 0.16     | 3" = 0.37     | 4" = 0.65 |
|                     | 1-1/2" = 0.10  | 2-1/2" = 0.24 | 3-1/2" = 0.50 | 6" = 1.46 |



## WATER SAMPLING LOG

Project/No. N1031551 Page 1 of 1  
 Site Location SUNNYSIDE, NY  
 Site/Well No. 13 Coded/Replicate No. 13 Date 3/10/86  
 Weather SUNNY Time Sampling Began 2:07 Time Sampling Completed 2:15

### EVACUATION DATA

Description of Measuring Point (MP) TOP OF PVC  
 Height of MP Above/Below Land Surface 1.50 MP Elevation \_\_\_\_\_  
 Total Sounded Depth of Well Below MP 13.90 Water-Level Elevation \_\_\_\_\_  
 Held 6.00 Depth to Water Below MP 4.91 Diameter of Casing 2"  
 Wet 1.09 Water Column in Well 8.99 Gallons Pumped/Bailed Prior to Sampling 5  
Gallons per Foot 0.16 Sampling Pump Intake Setting (feet below land surface) -  
 Evacuation Method TEFLON BAIKER

### SAMPLING DATA/FIELD PARAMETERS

Color BROWN Odor NONE Appearance VERY TURBID Temperature 10 °F/°C  
 Other (specific ion; OVA; HNU; etc.) -

Specific Conductance, umhos/cm 950 pH 7.10

Sampling Method and Material TEFLON BAIKER

| Constituents Sampled          | Container Description<br>From Lab <input checked="" type="checkbox"/> or G&M _____ | Preservative |
|-------------------------------|--|--------------|
| <u>BTX</u>                    | _____  | _____        |
| <u>PCB</u>                    | _____  | _____        |
| <u>PETROLEUM HYDROCARBONS</u> | _____  | _____        |

Remarks -

Sampling Personnel SJP + NC

| WELL CASING VOLUMES |                |               |               |           |
|---------------------|----------------|---------------|---------------|-----------|
| GAL./FT             | 1-1/4" = 0.077 | 2" = 0.16     | 3" = 0.37     | 4" = 0.65 |
|                     | 1-1/2" = 0.10  | 2-1/2" = 0.24 | 3-1/2" = 0.50 | 6" = 1.46 |

**WATER SAMPLING LOG**

Project/No. N1031SSI

Page 1 of 1

Site Location SUNNYSIDE, N.Y.

Site/Well No. 14 Coded/Replicate No. \_\_\_\_\_

Date 3/10/86

Weather SUNNY Time Sampling Began 3:08

Time Sampling Completed 3:22

**EVACUATION DATA**

Description of Measuring Point (MP) TOP OF PVC

Height of MP Above/Below Land Surface 1.95 MP Elevation \_\_\_\_\_

Total Sounded Depth of Well Below MP 14.45 Water-Level Elevation \_\_\_\_\_

Held 6.0 Depth to Water Below MP 5.15 Diameter of Casing 2"

Wet 0.85 Water Column in Well 9.30 Gallons Pumped/Bailed Prior to Sampling 5

Gallons per Foot 0.16

Gallons in Well 1.49 Sampling Pump Intake Setting (feet below land surface) \_\_\_\_\_

Evacuation Method TEFLON BAILER

**SAMPLING DATA/FIELD PARAMETERS**

Color LIGHT BROWN Odor NONE Appearance TURBID Temperature 10 °F/°C

Other (specific ion; OVA; HNU; etc.) \_\_\_\_\_

Specific Conductance, umhos/cm 1350 pH 6.75

Sampling Method and Material TEFLON BAILER

| Constituents Sampled          | Container Description<br>From Lab <u>X</u> or G&M _____ | Preservative |
|-------------------------------|---|--------------|
| <u>BTX</u>                    | _____   | _____        |
| <u>PCB</u>                    | _____   | _____        |
| <u>PETROLEUM HYDROCARBONS</u> | _____   | _____        |

Remarks -

Sampling Personnel SJP + NC

| WELL CASING VOLUMES |                |               |               |
|---------------------|----------------|---------------|---------------|
| GAL./FT             | 1-1/4" = 0.077 | 2" = 0.16     | 3" = 0.37     |
|                     | 1-1/2" = 0.10  | 2-1/2" = 0.24 | 3-1/2" = 0.50 |
|                     |                |               | 4" = 0.65     |
|                     |                |               | 6" = 1.46     |

## WATER SAMPLING LOG

Project/No. N103ISS1 Page \_\_\_\_\_ of \_\_\_\_\_  
 Site Location SUNNYSIDE, N.Y.  
 Site/Well No. 15 Coded/Replicate No. \_\_\_\_\_ Date 3/11/94  
 Weather SUNNY Time Sampling Began 12:15 Time Sampling Completed 12:30

### EVACUATION DATA

Description of Measuring Point (MP) TOP OF PVC  
 Height of MP Above/Below Land Surface 2.25 MP Elevation \_\_\_\_\_  
 Total Sounded Depth of Well Below MP 13.75 Water-Level Elevation \_\_\_\_\_  
 Held 9.00 Depth to <sup>OIL</sup> Water Below MP 7.29 Diameter of Casing 2"  
 Wet 1.71 Water Column in Well \_\_\_\_\_ Gallons Pumped/Bailed Prior to Sampling 0  
 Gallons per Foot \_\_\_\_\_ Sampling Pump Intake Setting (feet below land surface) \_\_\_\_\_  
 Gallons in Well \_\_\_\_\_  
 Evacuation Method \_\_\_\_\_

### SAMPLING DATA/FIELD PARAMETERS

Color BLACK Odor PETROLEUM Appearance OPAQUE Temperature \_\_\_\_\_ °F/°C  
 Other (specific ion; OVA; HNU; etc.) \_\_\_\_\_

Specific Conductance, umhos/cm \_\_\_\_\_ pH \_\_\_\_\_

Sampling Method and Material TEFLON BAUER

| Constituents Sampled | Container Description<br>From Lab <u>X</u> or G&M _____ | Preservative |
|----------------------|---|--------------|
| <u>PCB</u>           | _____   | _____        |
| _____                | _____   | _____        |
| _____                | _____   | _____        |

Remarks 1.68 FT OF PRODUCT WAS PRESENT IN THE WELL

Sampling Personnel SJP + NC

| WELL CASING VOLUMES |                |               |               |           |
|---------------------|----------------|---------------|---------------|-----------|
| GAL./FT             | 1-1/4" = 0.077 | 2" = 0.16     | 3" = 0.37     | 4" = 0.65 |
|                     | 1-1/2" = 0.10  | 2-1/2" = 0.24 | 3-1/2" = 0.50 | 6" = 1.46 |





# CHAIN-OF-CUSTODY RECORD

Location: SUNNYSIDE, NY

Laboratory: ECC TEST

Project/Number N1031551

Shipping Container ID: \_\_\_\_\_

Sampler(s) S. POHANKA

N. CHILDS

## SAMPLE CONTAINER DESCRIPTION

| SAMPLE IDENTITY  | Date Sampled | SAMPLE CONTAINER DESCRIPTION |                        |      |                |                                | Total     | Remarks |
|------------------|--------------|------------------------------|------------------------|------|----------------|--------------------------------|-----------|---------|
|                  |              | GROUND WATER SAMPLES         | PETROLEUM HYDROCARBONS | BTEX | PB (OIL PHASE) |                                |           |         |
| 10               | 3/10/86      | 1                            | 2                      |      |                |                                | 4         |         |
| 13               | "            | 1                            | 2                      |      |                |                                | 4         |         |
| 12               | "            | 1                            | 2                      |      |                |                                | 4         |         |
| 14               | "            | 1                            | 2                      |      |                |                                | 4         |         |
| 11               | "            | 1                            | 2                      |      |                |                                | 4         |         |
| 9                | "            | 1                            | 2                      |      |                |                                | 4         |         |
| 1                | "            | 1                            | 2                      |      |                |                                | 4         |         |
| 55 GAL DRUM WELL | "            |                              | 2                      |      |                |                                | 2         |         |
| 4                | "            |                              | 2                      |      |                |                                | 2         |         |
| 3                | 3/11/86      | 1                            | 2                      |      |                |                                | 4         |         |
| 15               | "            |                              | 2                      |      |                |                                | 2         |         |
| 8                | "            |                              | 2                      |      |                |                                | 2         |         |
| 7                | "            |                              | 2                      |      |                |                                | 2         |         |
| 6                | "            |                              | 2                      |      |                |                                | 2         |         |
| 5                | "            |                              | 2                      |      |                |                                | 2         |         |
| 2                | "            | 1                            | 2                      |      |                |                                | 4         |         |
|                  |              |                              |                        |      |                | <b>Total No. of Containers</b> | <b>50</b> |         |

Total No. of Containers **50**

Relinquished by: Rick Childs Organization: Geraginity & Miller Received by: Tom Smith Organization: ECC Test Lab

Date: 3/11/86 Time: 3:40 Date: 3/11/86 Time: 3:40 pm

Relinquished by: \_\_\_\_\_ Organization: \_\_\_\_\_ Received by: \_\_\_\_\_ Organization: \_\_\_\_\_

Date: \_\_\_\_\_ Time: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_

Relinquished by: \_\_\_\_\_ Organization: \_\_\_\_\_ Received by: \_\_\_\_\_ Organization: \_\_\_\_\_

Date: \_\_\_\_\_ Time: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_

Delivery Method: \_\_\_\_\_ (attach shipping bill, if any) (Use extra sheets, if necessary)