

**Architectural Reconnaissance and Assessment of Effect
for a Proposed Cell Tower Site on Highway 710
South of Red Springs, North Carolina**

Report submitted to:

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Introduction and Methods

The purpose of this report is to comply with Section 106 of the National Historic Preservation Act of 1966 (NHPA) which requires federal agencies to take into account the effects of their undertakings on historic properties. The review process mandated by Section 106 is outlined in regulations issued by the Advisory Council on Historic Preservation. These regulations, "Protection of Historic Properties," were revised in May 1999 and are codified at 36 C.F.R. Part 800. New South Associates, as a consultant to QORE™ Property Sciences, is preparing this documentation for its client to use in the review process. The consultant's role is to identify and evaluate historic properties in the area of potential effect, assess any adverse effects, and make recommendations to resolve or mitigate any adverse effects. Requirements for public involvement and formal contact with any potential consulting parties are not included as part of New South Associates' role in the Section 106 process. This draft report is subject to review and comment by North Carolina's State Historic Preservation Office. It should be forwarded to this office by the federal agency responsible for the undertaking or by its designated permit applicant.

The proposed project involves the construction a new 195-foot-high self-support communication tower for use with cellular telephone equipment. It is a MONO tower type. The federal undertaking, which mandates the Section 106 review, is the licensing by the Federal Communications Commission (FCC) of antennas on the proposed facility. The project area is located on the James T. Campen and Mary Surles property on Highway 710 East approximately 4.1 miles south of Red Springs, in Robeson County, North Carolina. The suggested Area of Potential Effect (APE) for a tower of 150 feet or greater is a two-mile radius from the site. While the extent of the APE should also be determined by other factors such as topography, vegetation and previous disturbances, the two-mile radius is shown on the project map (see appendix). The length of the proposed access easement is 770'.

Effects from communications towers can be direct or indirect. Direct effects would include physical alteration or destruction of historic resources. Indirect effects include impacts from the introduction of visual, audible or atmospheric elements to the setting. Indirect effects can be adverse if they intrude on or detract from the historic setting; or impair an important viewshed; or alter a characteristic that is a significant component of the historic resource. For this study, historic resources are defined as those properties included in or eligible for inclusion in the National Register of Historic Places.

The National Register of Historic Places is maintained by the National Park Service as the nation's official list of significant historic and prehistoric properties. The criteria for evaluation are included in the U. S. Department of Interior's National Register Bulletin 15. These criteria are also described as follows in the *Code of Federal Regulations, Title 36, and Part 60*:

The quality of significance in American history, architecture, archeology, engineering, and culture is present in districts, sites, buildings, structures and objects that possess integrity of location, design, setting, materials, workmanship, feeling, and association, and:

- A) that are associated with events that have made a significant contribution to the broad patterns of our history; or
- B) that are associated with the lives of persons significant in our past; or

C) that embody the distinctive characteristics of a type, period, or method of construction, or that represent the work of a master, or that possess high artistic values, or that represent a significant and distinguishable entity whose components may lack individual distinction; or

D) that have yielded, or may be likely to yield, information important in history or prehistory.

The project began by a review of National Register files at to determine if there are any listed properties within the APE. The NRHP files at the Survey and Planning Branch of the North Carolina State Historic Preservation Office were searched. No National Register listed resources were found within the APE. County and local architectural survey files were also reviewed. No NRHP eligible or listed resources had been previously identified within the APE.

The next stage of the investigation consisted of a site visit and a reconnaissance of the roads within the suggested two-mile APE. Representative 35mm color photographs were taken throughout the APE of buildings, structures, and landscape features that were considered 50 years or older. Each historic property was photographed and the view taken from the property to the proposed tower site. A photo log was made and each photo was keyed to a map showing its location and direction of view. The photographs and log data are included in the appendix to this report.

Historic Resource Identification, Evaluation, and Assessment of Effect

The proposed tower site is located on a level field, recently harvested for soybeans. The field is located on the edge of a pocosin that appears to have been cleared and farmed. Woods line the field on the north and south; open fields appear to the east and west.

The APE, located within the coastal plain, is rural with a dispersed and sparse settlement pattern. Pocosins, ovular-shaped bays, are located throughout the APE. Bear Swamp lies within the western sector of the APE and Little Bear Swamp runs northward generally paralleling Highway 710 in the south central section of the APE. The main roads are Highway 710 and S.R. 1318, 1346 and 1606. No industrial properties are noted on the USGS quads and no population clusters are shown within the APE. The closest towns are Red Spring to the north and Pembroke to the South.

A total of seventeen resources fifty years of age and older were identified during the architectural survey of the cell tower APE. All the identified resources are residential. Sixteen are single story, modest, vernacular homes. Architectural types or house plans include shotguns, a saddlebag, cottages, hall and parlor, central hall, and bungalows. Resource No. 1, a Greek Revival house, is the sole two-story resource identified. No historic properties stand in the immediate area for the proposed tower construction. The dates of construction for all of the properties range from c. 1860 to c. 1950. Table 1 summarizes the important architectural features of the historic resources noted in this survey.

Table 1. Architectural Properties Identified in the Study

<u>Name/Address</u>	<u>Resource No.</u>	<u>Age</u>	<u>Style/Plan</u>	<u>Historic Function</u>	<u>NR</u>
S.R. 1318, North side (number unknown)	01	c. 1860	Two story Greek Revival, central hall with full height center gable porch	Residence	RE
S.R. 1318, South side	02	c. 1940	Lateral gable frame house	Vacant residence, poor condition	NE
S.R. 1318, North side	03	c. 1935	Hall and parlor	Residence; altered	NE
Highway 710, East side	04	c. 1920	Central hall	Residence; altered; chimneys removed	NE
Highway 710, West side	05	c. 1935	L-shape, gable front and wing	Residence; altered	NE
Highway 710, East side	06	c. 1950	Side gable cottage	Residence	NE
S.R. 1374, North side	07	c. 1930	Saddlebag	Residence; poor condition	NE
S.R. 1606, South side	08	c. 1930	Front gable house	Residence; porch altered	NE
S.R. 1606, North side	09	c. 1950	Lateral gable cottage	Non-farm residence	NE
S.R. 1606, North side	10	c. 1925	Frame, lateral gable house	Residence now used for storage and as an out building; poor condition	NE
Highway 710, East side	11	c. 1950	Front gable modest bungalow	Residence; synthetic siding	NE
Highway 710, East side	12	c. 1950	Front gable bungalow with engaged front porch	Residence; synthetic siding	NE
S.R. 1580, North side	13	c.1950	Front gable cottage	Residence	NE
S.R. 1346, South side	14	c. 1925	Shotgun	Residence; sided	NE
S.R. 1582, East side	15	c. 1930	Bungalow	Residence	NE
S.R. 1346, South side	16	c. 1930	Shotgun	Residence; used for storage; no chimney, possibly moved	NE
Unimproved road between S.R. 1346 and S. R. 1580	17	c. 1940	Front gable bungalow	Residence	NE

Key: NR=National Register Eligibility, RE=Recommended Eligible, NE=Not Eligible

Of these identified properties, Resource No. 1 is recommended eligible for inclusion in the NRHP under Criterion C. The remainder does not possess the characteristics needed for eligibility to the NRHP under Criterion C. They are neither unique examples of their types or well-expressed representative examples of their styles/types. The addition of synthetic siding, the removal of chimneys, incompatible porch treatments and additions factor into this assessment. Poor condition leading to a loss of integrity was also noted in the case of Resources 2 and 7. Overall, the surveyed resources are indicative of modest housing needs.

Resource No. 1

This historic resource is located on S.R. 1318 on Richland Swamp; the community of Philadelphus is approximately .5 miles to the east. Surrounded by open land, Resource No. 1 is a well preserved two-story Greek Revival home with a gable roof, end chimney, a two story entry porch and entry doors with glazed surrounds. Additions have been placed on the rear of the building. Possible date of construction for the original building is circa 1860; the date (s) of the addition(s) is unknown. Large trees flank the entry porches; pecan trees are planted between the driveway and the street. Resource No. 1 appears to have been an antebellum plantation home. This resource is recommended eligible to the NRHP under Criterion C as a representative example of an antebellum, coastal plain plantation home.

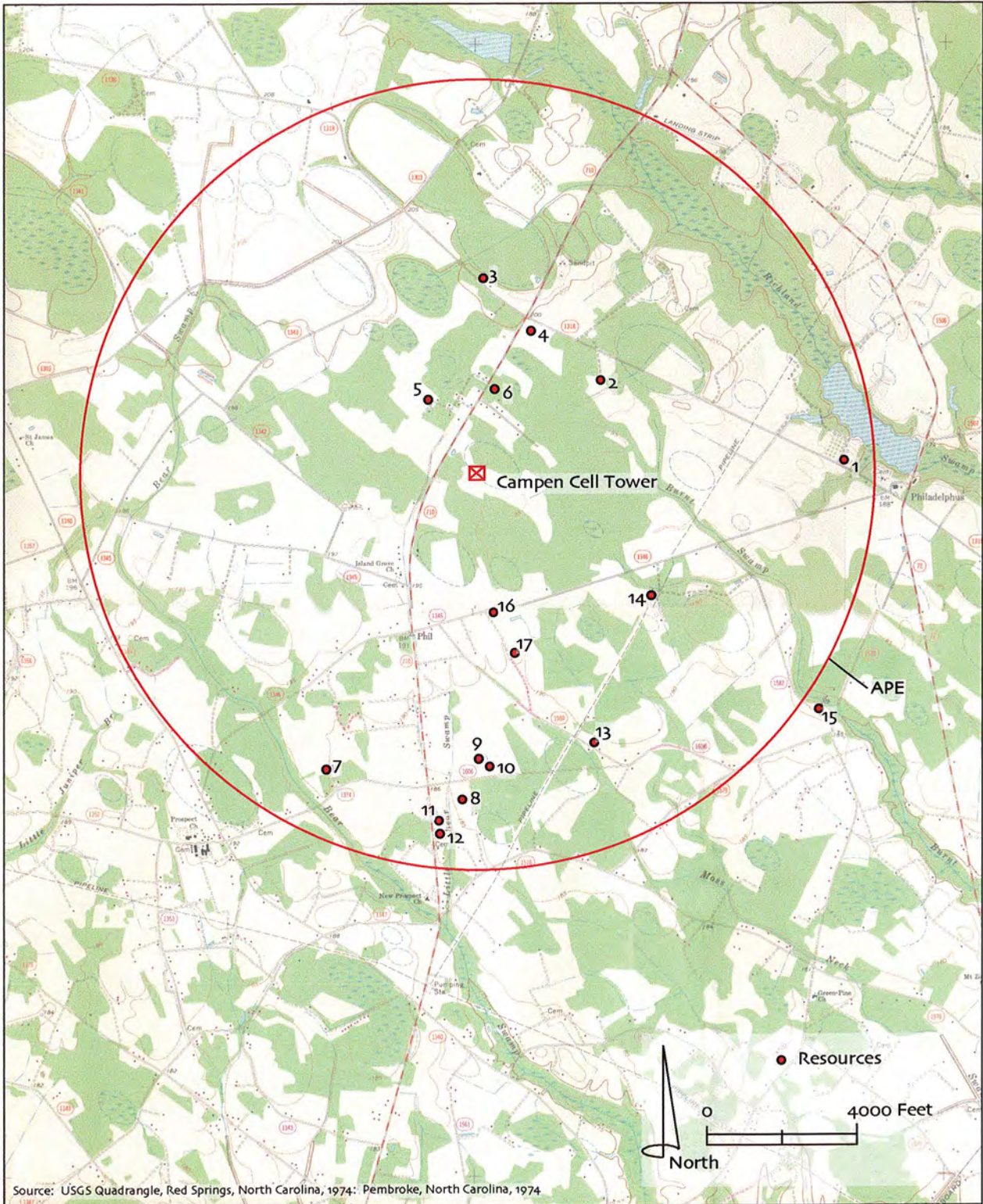
Lying within an undeveloped area and amidst fields, Resource No. 1's setting on the swamp appears intact with the exception of a cell tower placed immediately to the building's north side in what appears to be the building's rear side yard. The presence of this tower is an intrusion that compromises the setting of the resource and impairs the integrity of the property. Given that the subject tower for this study is located 1.75 miles to the west of this resource, it is unlikely that its construction could further compromise Resource No. 1's historical setting given the proximity of the existing tower on the property. Therefore no adverse impact will occur from the construction of the proposed tower on this resource.

Summary

The architectural historical survey of the two-mile proposed tower radius in Robeson County, North Carolina identified seventeen historic resources. One resource (Resource No. 1) is recommended eligible to the NRHP. It is the determination of New South Associates that the proposed tower bears no adverse effect on Resource No. 1. The presence of an existing cell tower in the rear side yard of this property and the distance between the proposed tower and the resource is sufficiently great that no further compromise of the visual character of this resource will occur.

APPENDIX: Project and Resource Location Map, Photographs and Photo
Log

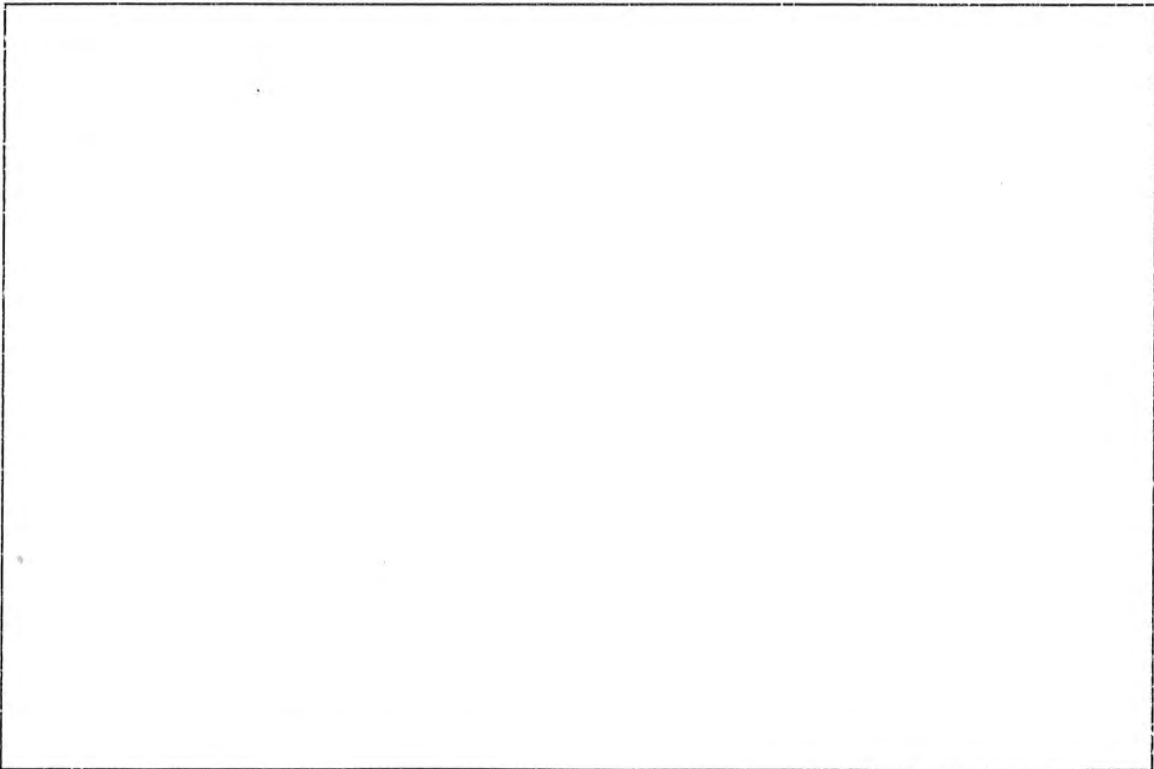
Campen Cell Tower Project Map with Resource Locations



Campen Cell Tower



Roll No. 14 Exposure No. 14 Resource No. _____
View N tower pad to N



Roll No. _____ Exposure No. _____ Resource No. _____
View _____

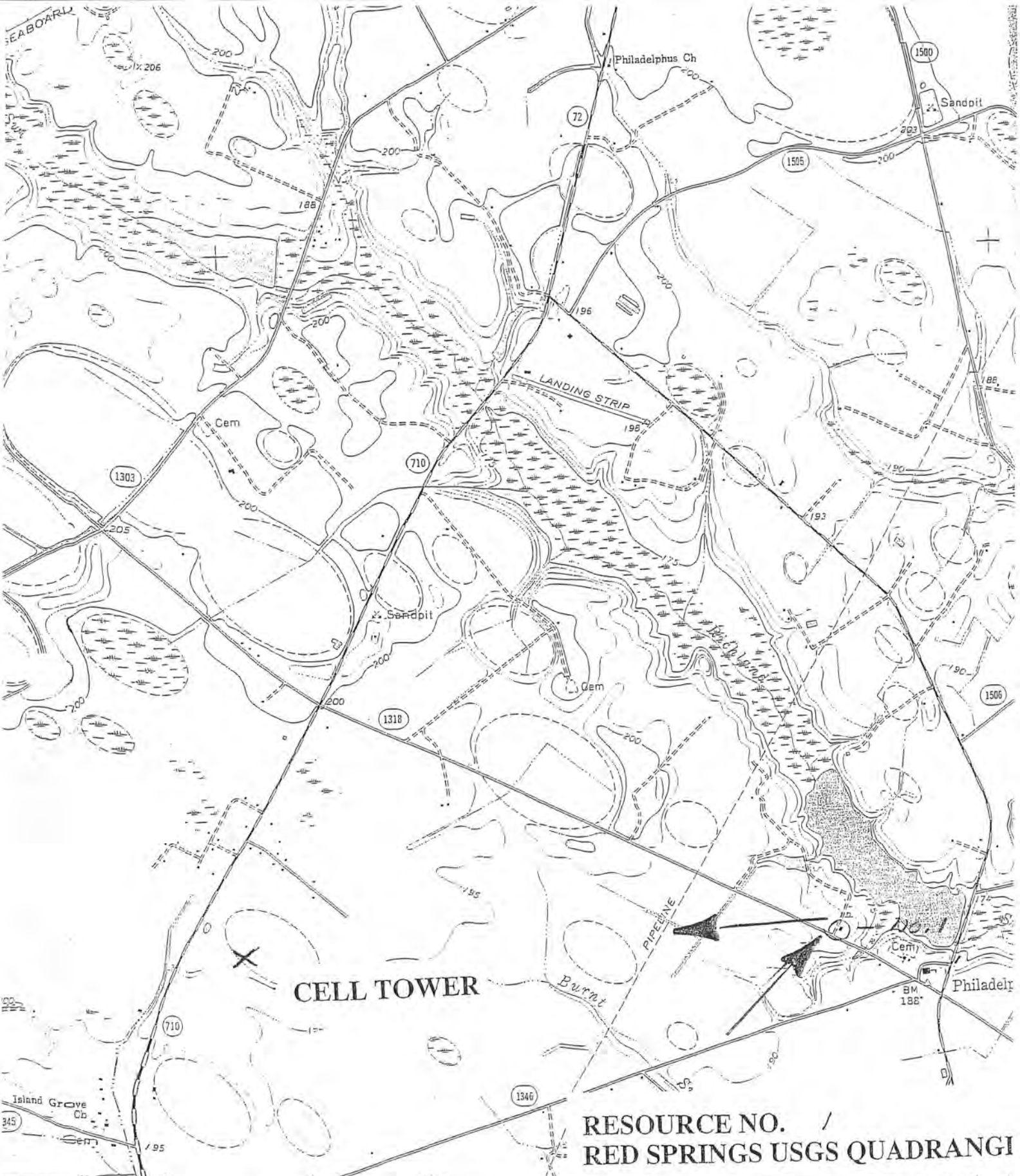
Campen Cell Tower



Roll No. 13 Exposure No. 4 Resource No. 1
View NE



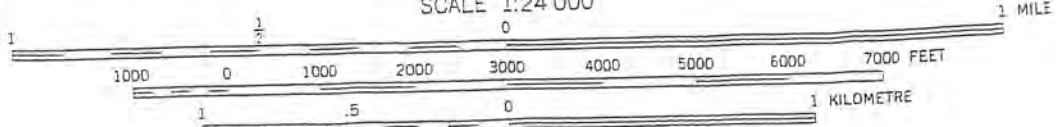
Roll No. 13 Exposure No. 5 Resource No. 1
View SW to tower



CELL TOWER

RESOURCE NO. /
RED SPRINGS USGS QUADRANGLE

(PEMBROKE)
 5153 II NW
 SCALE 1:24 000



CONTOUR INTERVAL 5 FEET

5 MI U.S. 74 12'30" 1665 10 MI. TO INTERSTATE 95

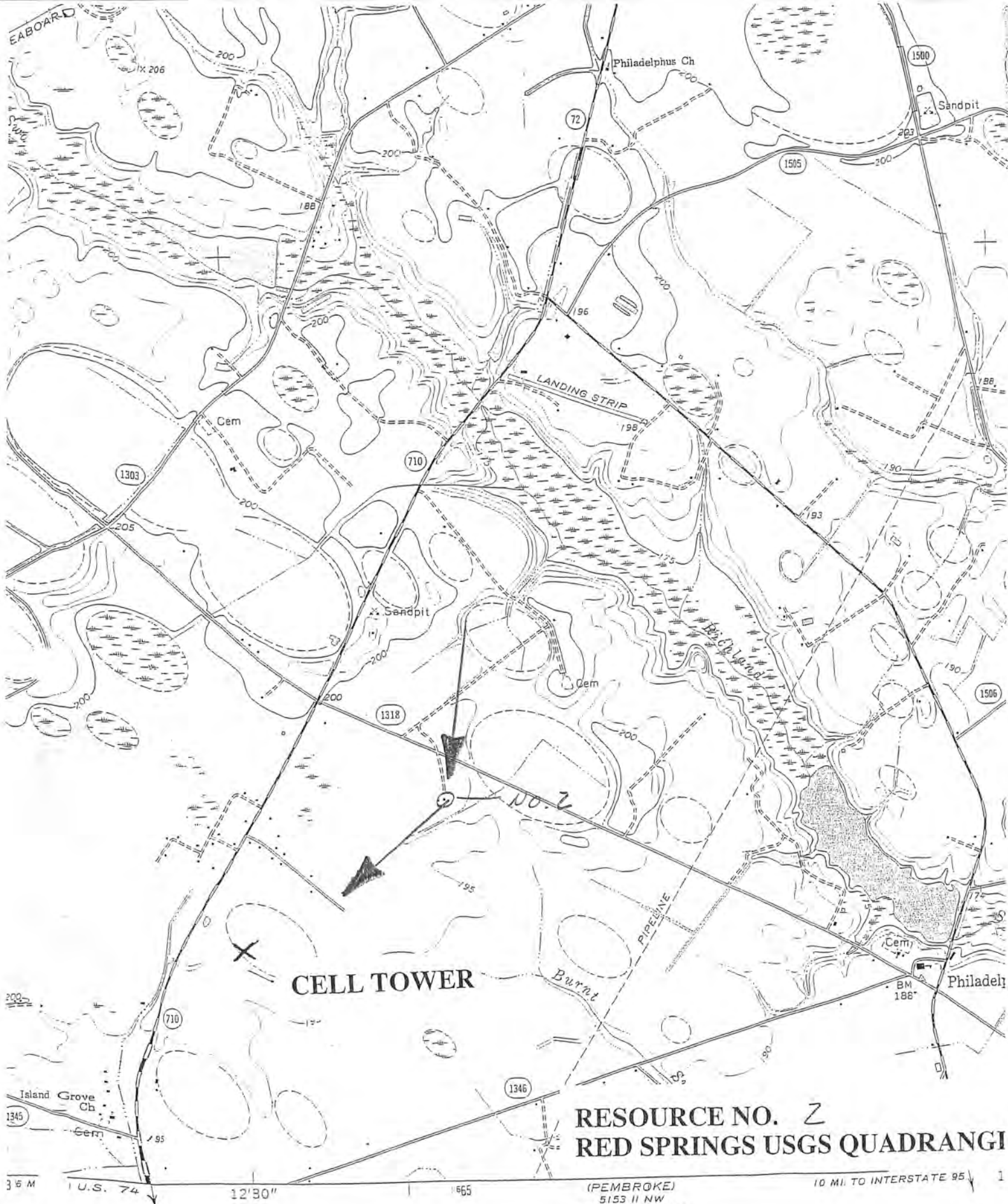
Campen Cell Tower



Roll No. 13 Exposure No. 6 Resource No. 2
View S



Roll No. 13 Exposure No. 7 Resource No. 2
View SW to tower

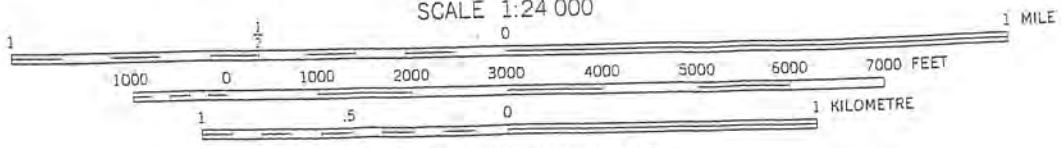
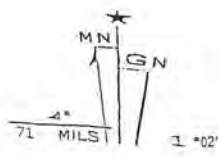


CELL TOWER

RESOURCE NO. Z
RED SPRINGS USGS QUADRANGI

(PEMBROKE)
 5153 II NW
 SCALE 1:24 000

10 MI. TO INTERSTATE 95



CONTOUR INTERVAL 5 FEET

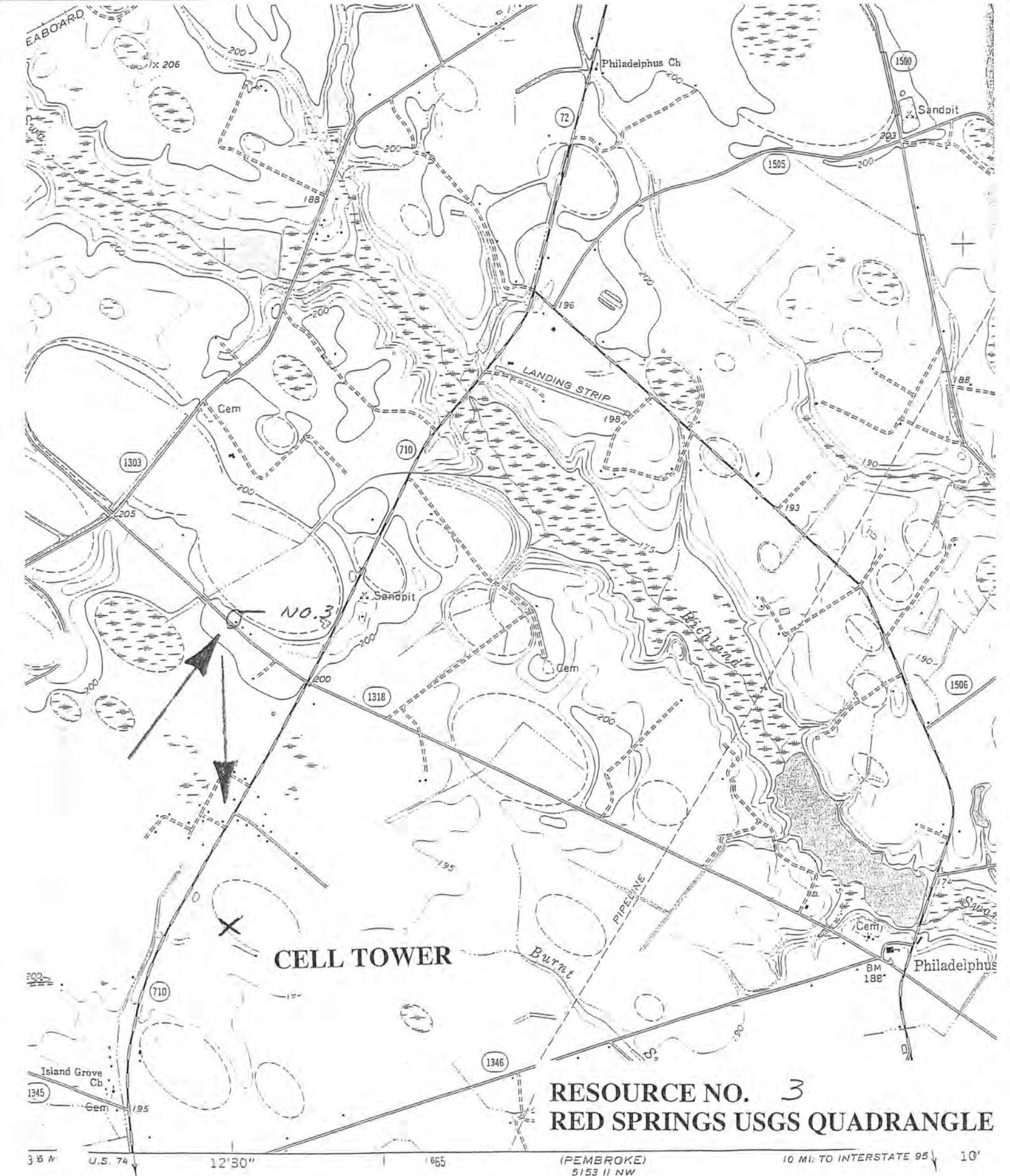
Campen Cell Tower



Roll No. 13 Exposure No. 8 Resource No. 3
View NE



Roll No. 13 Exposure No. 9 Resource No. 3
View S to tower

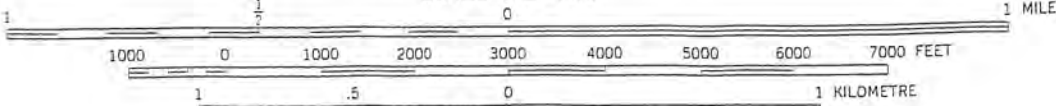


CELL TOWER

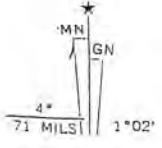
**RESOURCE NO. 3
RED SPRINGS USGS QUADRANGLE**

(PEMBROKE)
5153 II NW
SCALE 1:24 000

10 MI. TO INTERSTATE 95 10'



CONTOUR INTERVAL 5 FEET



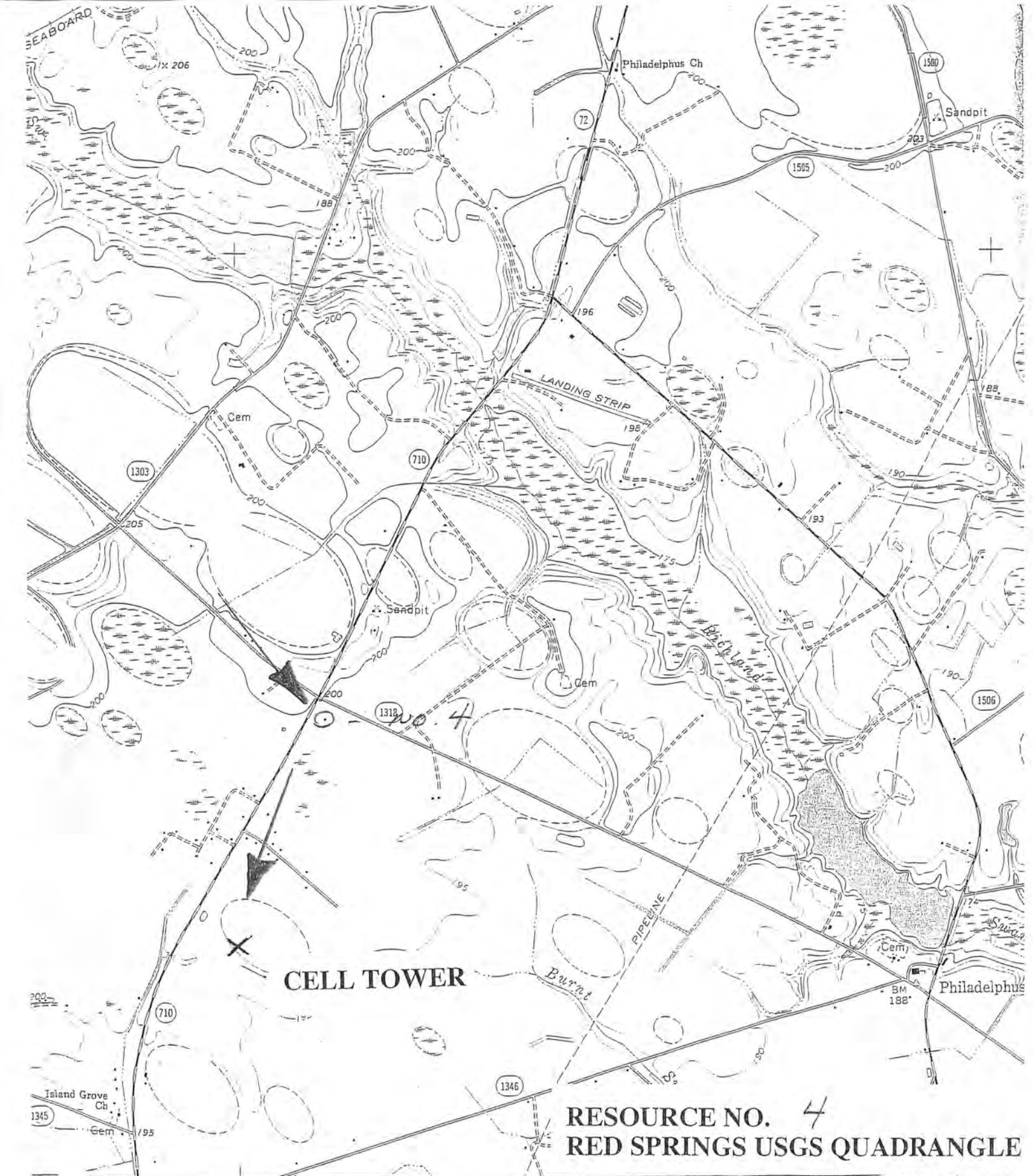
Campen Cell Tower



Roll No. 13 Exposure No. 10 Resource No. 4
View SE



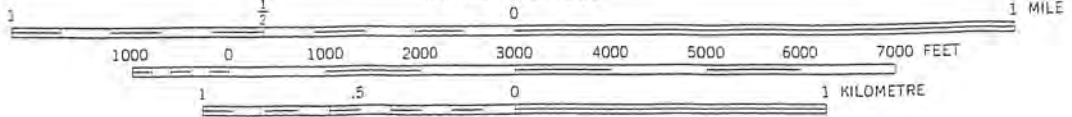
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View SSW to tower



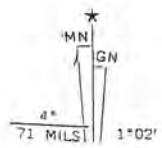
CELL TOWER

RESOURCE NO. 4
RED SPRINGS USGS QUADRANGLE

(PEMBROKE)
 5153 II NW
 SCALE 1:24 000



CONTOUR INTERVAL 5 FEET



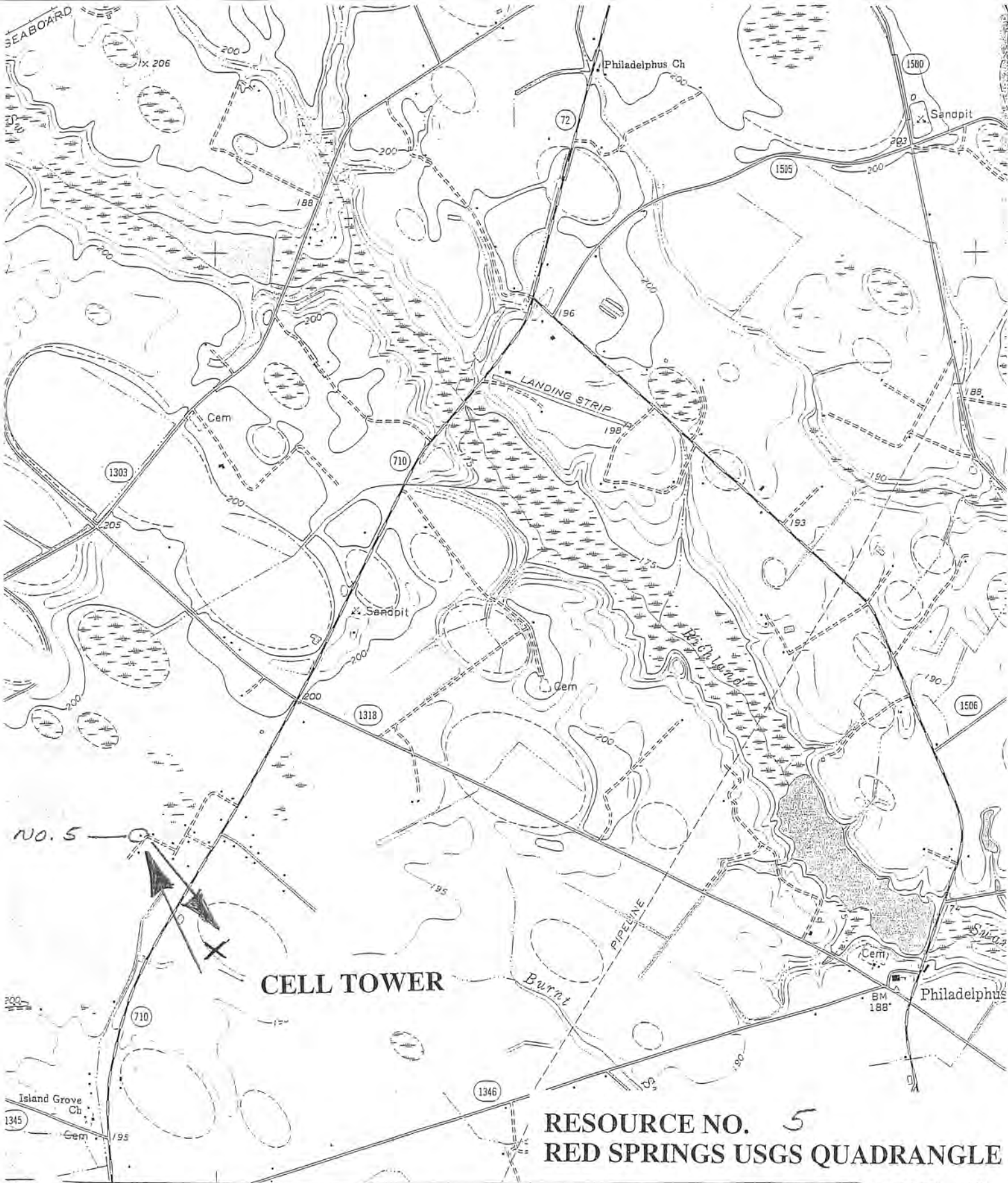
Campen Cell Tower



Roll No. 13 Exposure No. 12 Resource No. 5
View NW



Roll No. 13 Exposure No. 13 Resource No. 5
View SE to tower

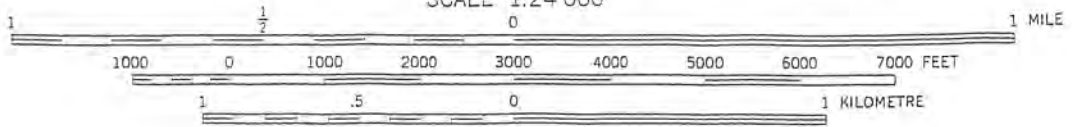


CELL TOWER

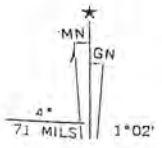
RESOURCE NO. 5
RED SPRINGS USGS QUADRANGLE

3 5 A U.S. 74 12' 80" 1865 (PEMBROKE) 5153 II NW 10 MI. TO INTERSTATE 95 10'

SCALE 1:24 000



CONTOUR INTERVAL 5 FEET



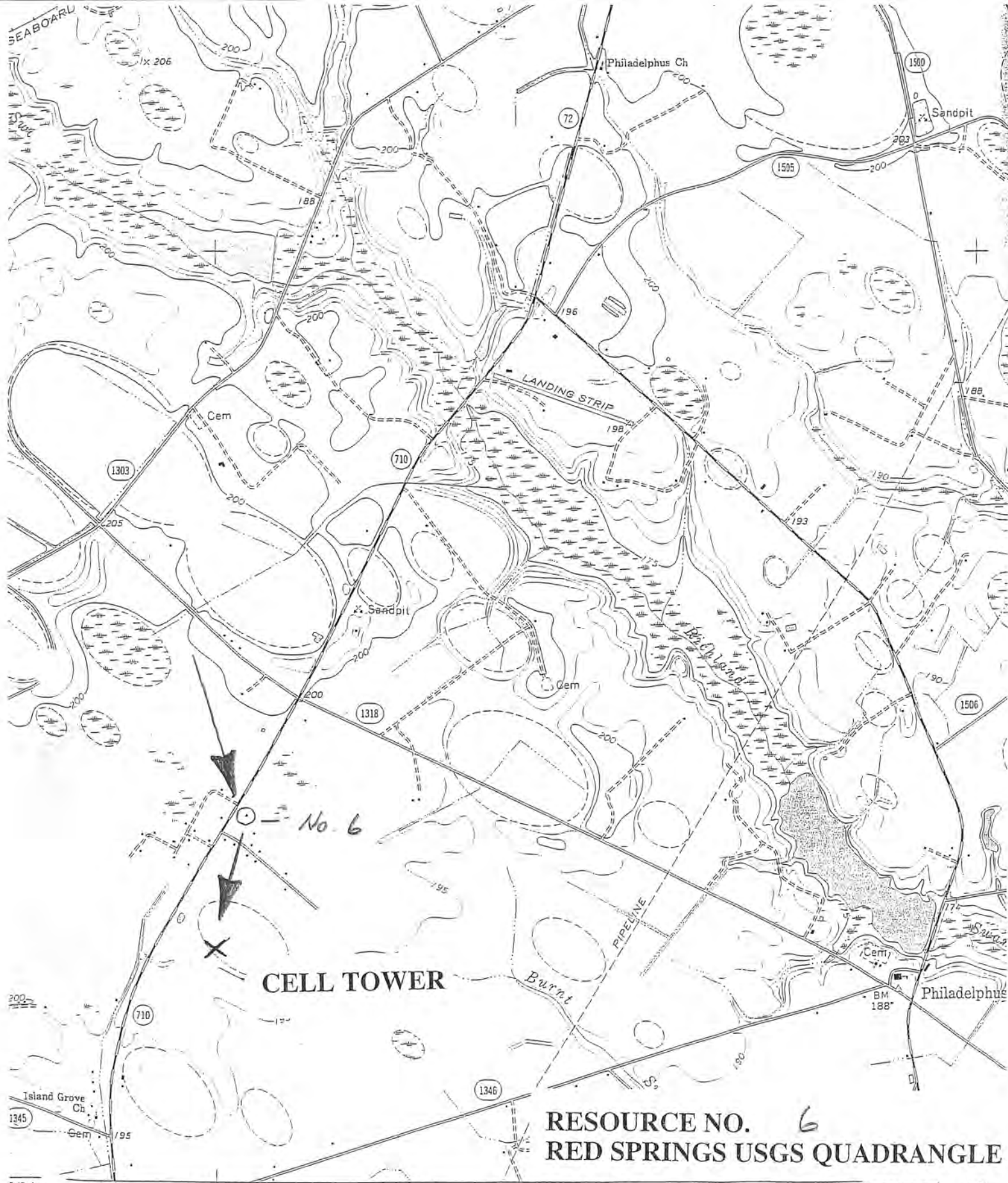
Campen Cell Tower



Roll No. 13 Exposure No. 14 Resource No. 6
View SE



Roll No. 13 Exposure No. 15 Resource No. 6
View SSW to tower

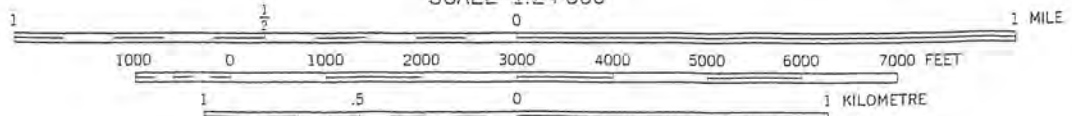


CELL TOWER

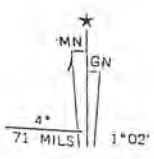
RESOURCE NO. 6
RED SPRINGS USGS QUADRANGLE

3 5 A U.S. 74 12'30" 665 (PEMBROKE) 5153 II NW 10 MI TO INTERSTATE 95 10'

SCALE 1:24 000



CONTOUR INTERVAL 5 FEET



Campen Cell Tower



Roll No. 13 Exposure No. 16 Resource No. 7
View SW



Roll No. 13 Exposure No. 17 Resource No. 7
View NE to tower

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

661000m.E

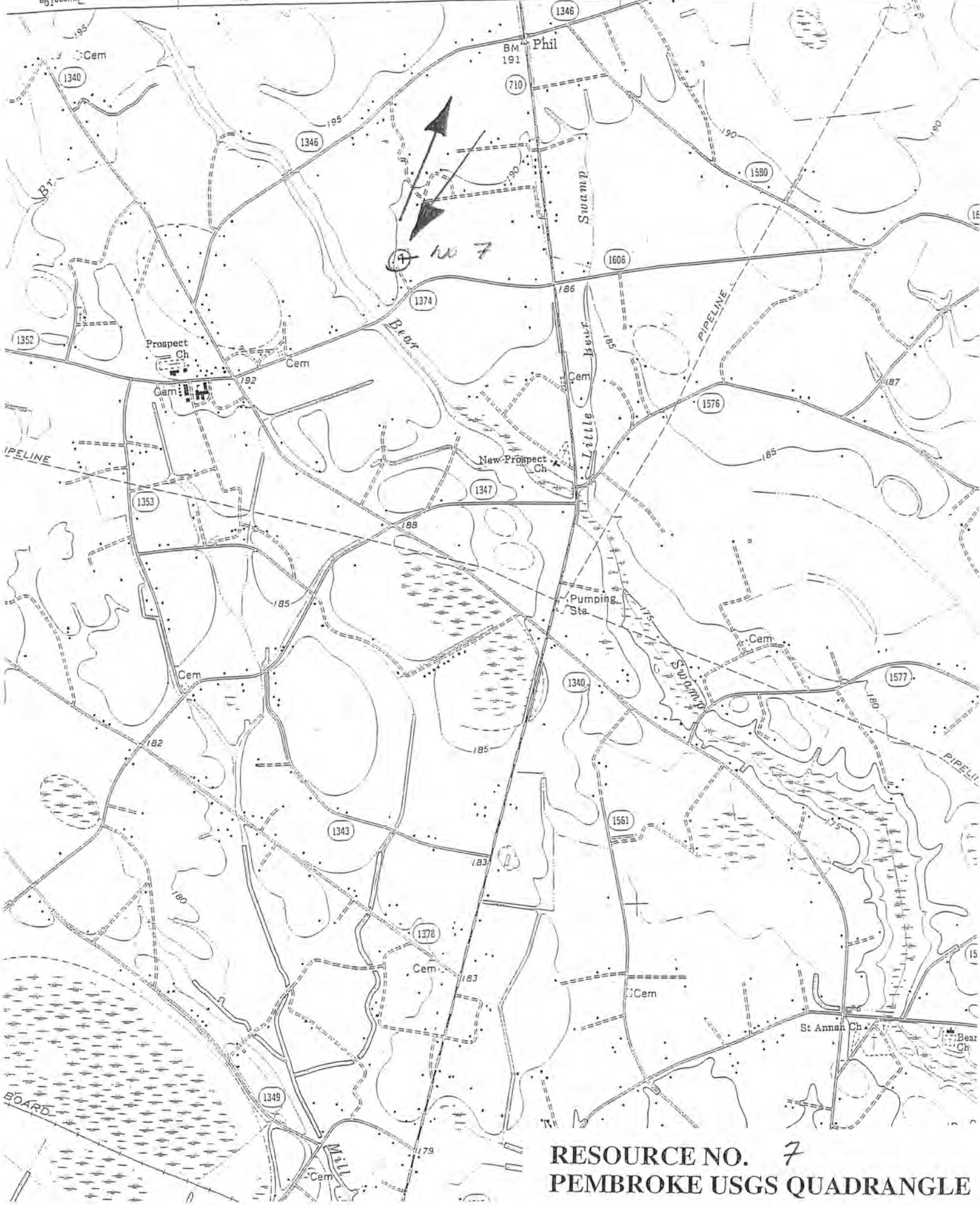
662

RED SPRINGS 4.9 MI.

12'30"

665

515:
(RED 5)



RESOURCE NO. 7
PEMBROKE USGS QUADRANGLE

Campen Cell Tower



Roll No. 13 Exposure No. 18 Resource No. 8
View SE



Roll No. 13 Exposure No. 19 Resource No. 8
View NNE to tower

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

661000m.E

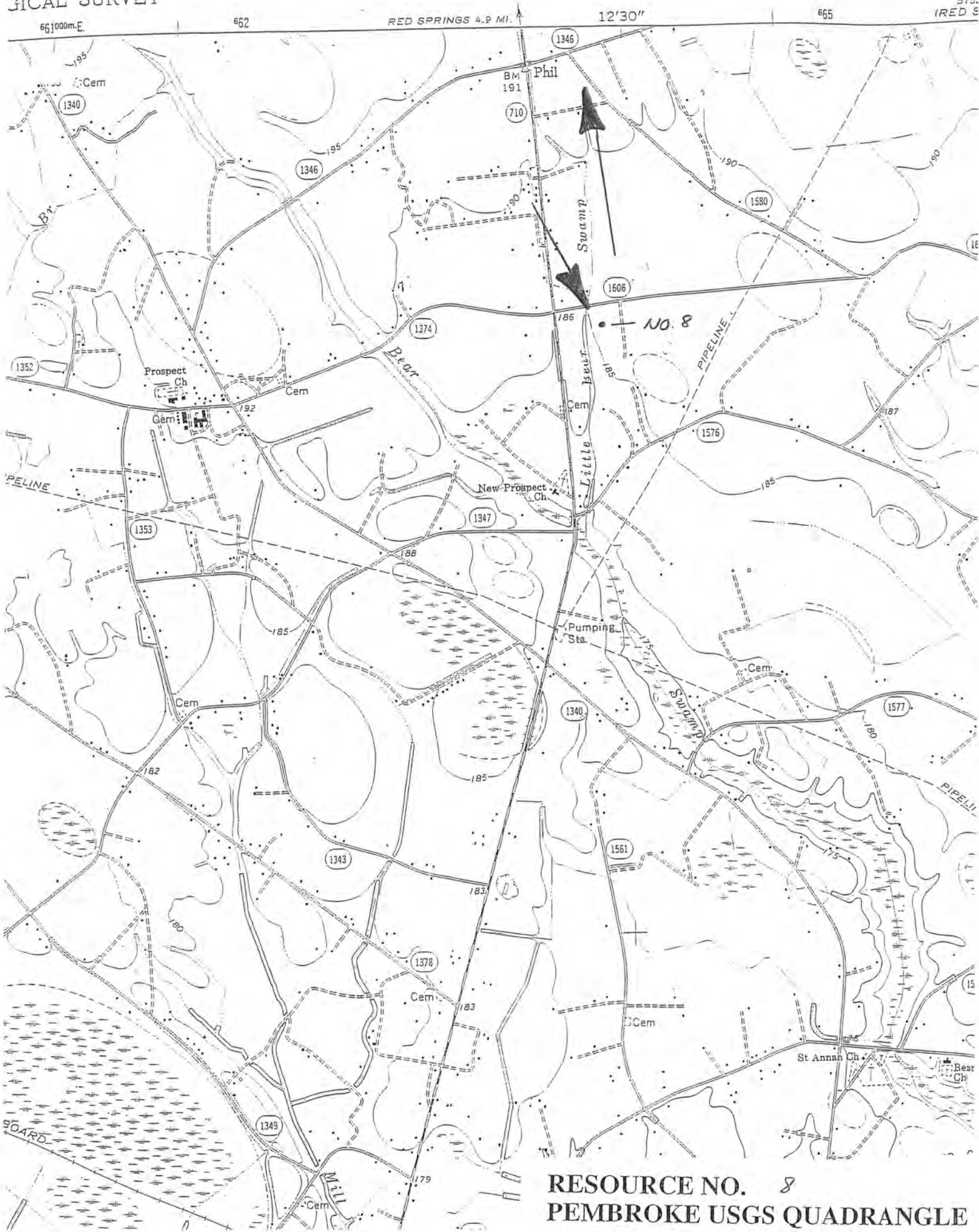
662

RED SPRINGS 4.9 MI.

12'30"

665

515:
1965



RESOURCE NO. 8
PEMBROKE USGS QUADRANGLE

Campen Cell Tower



Roll No. 13 Exposure No. 20 Resource No. 9
View E



Roll No. 13 Exposure No. 21 Resource No. 9
View N to tower

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

661000m.E

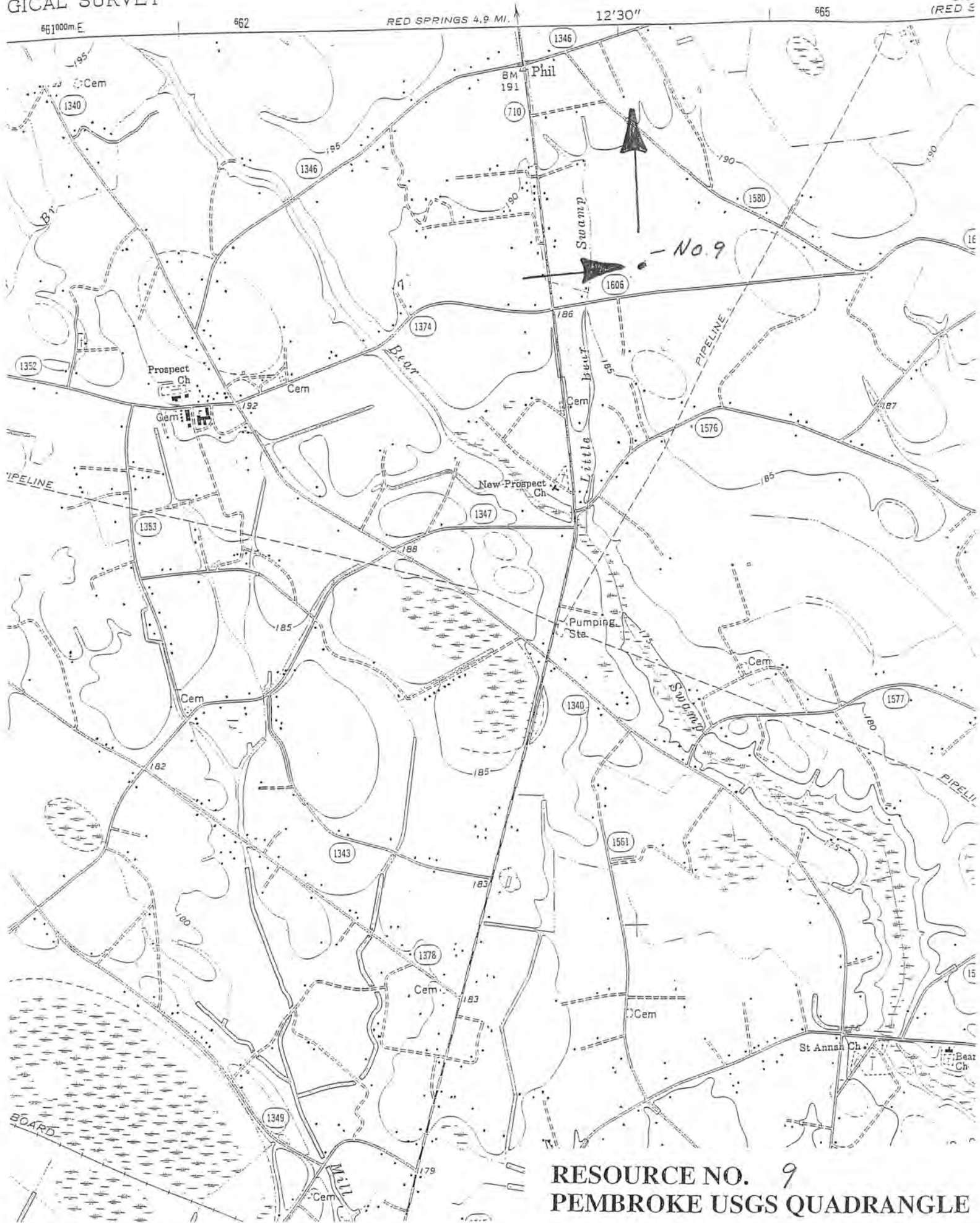
662

RED SPRINGS 4.9 MI.

12'30"

665

515:
(RED 3)



RESOURCE NO. 9
PEMBROKE USGS QUADRANGLE

Campen Cell Tower



Roll No. 13 Exposure No. 22 Resource No. 10
View NE



Roll No. 13 Exposure No. 23 Resource No. 10
View NW

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

661000m.E.

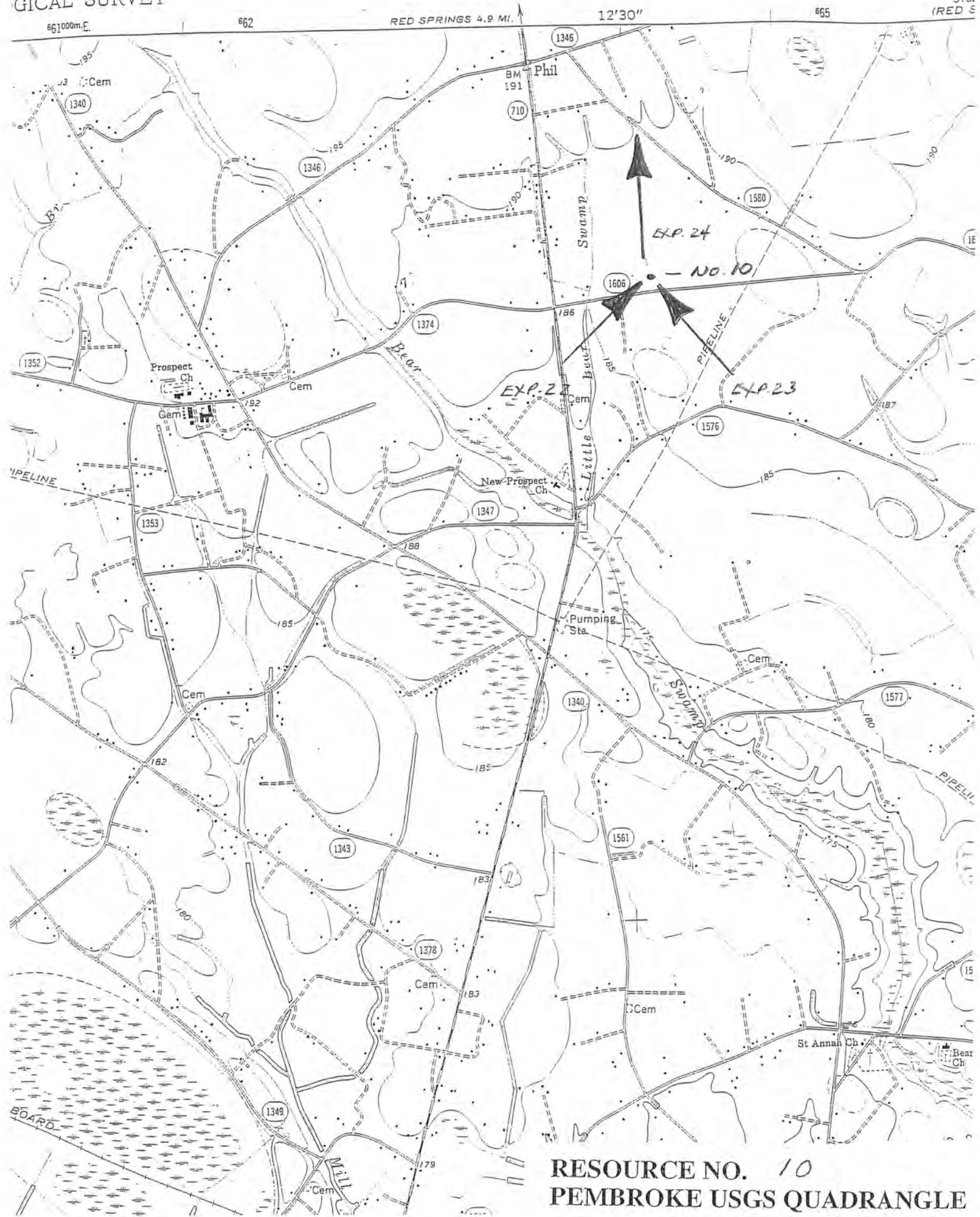
662

RED SPRINGS 4.9 MI.

12'30"

665

515:
(RED S



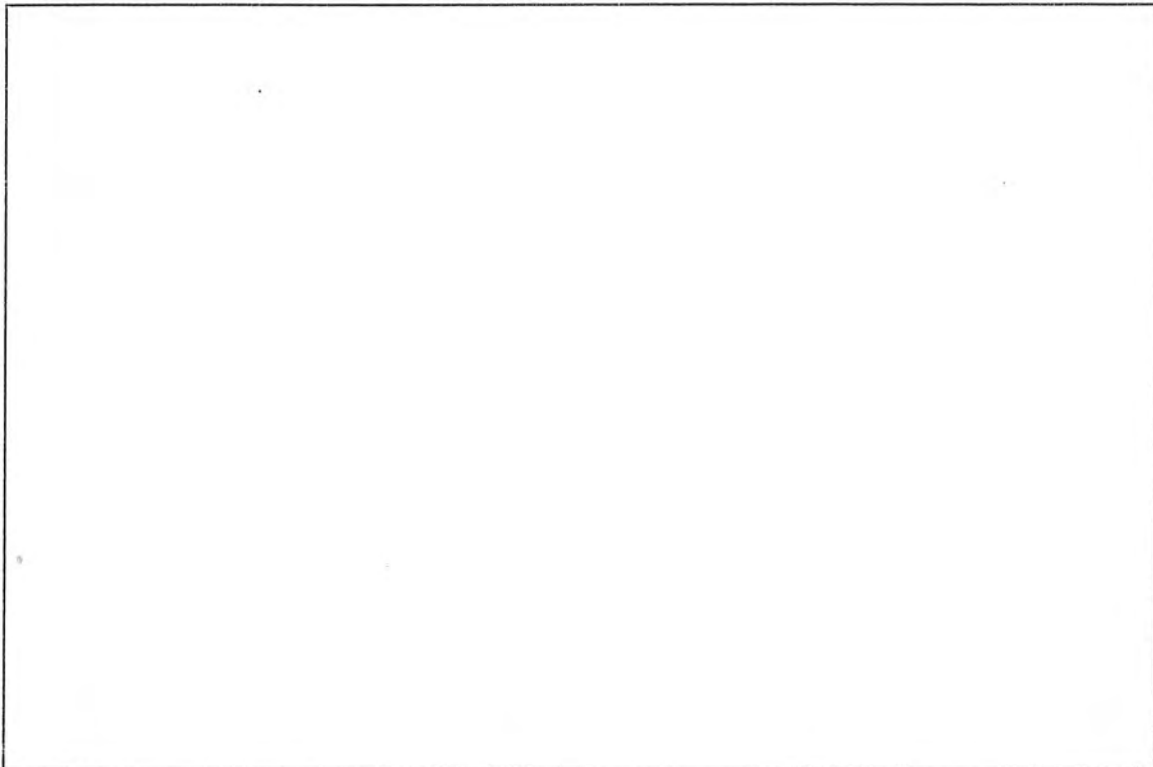
RESOURCE NO. 10
PEMBROKE USGS QUADRANGLE

Campen Cell Tower



Roll No. 13 Exposure No. 24 Resource No. 10

View N to tower



Roll No. _____ Exposure No. _____ Resource No. _____

View _____

Campen Cell Tower



Roll No. 13 Exposure No. 25 Resource No. 11
View E



Roll No. 14 Exposure No. 1 Resource No. 11
View NNE to tower

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

661000m.E

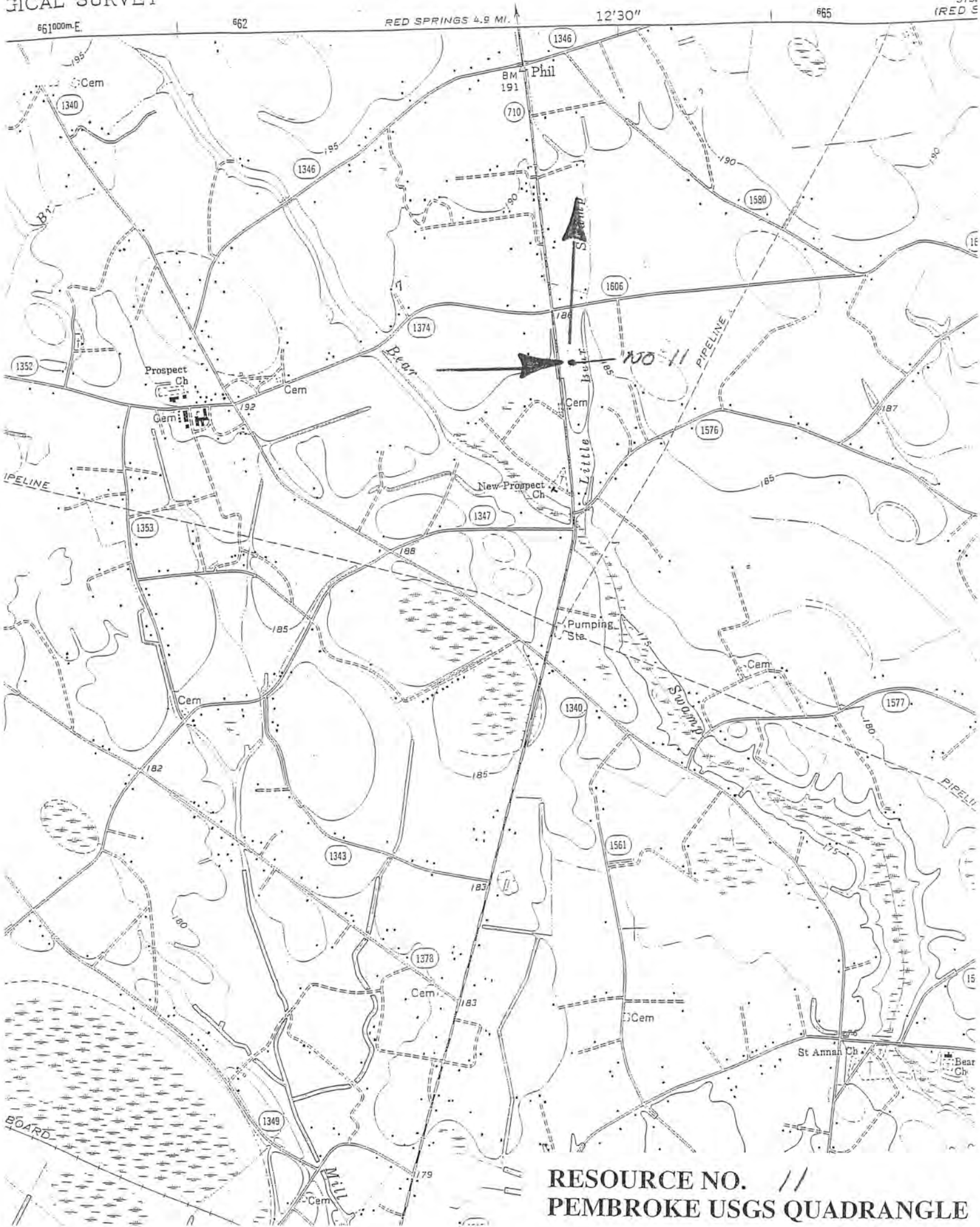
662

RED SPRINGS 4.9 MI.

12'30"

665

515
(RED S



RESOURCE NO. //
PEMBROKE USGS QUADRANGLE

Campen Cell Tower

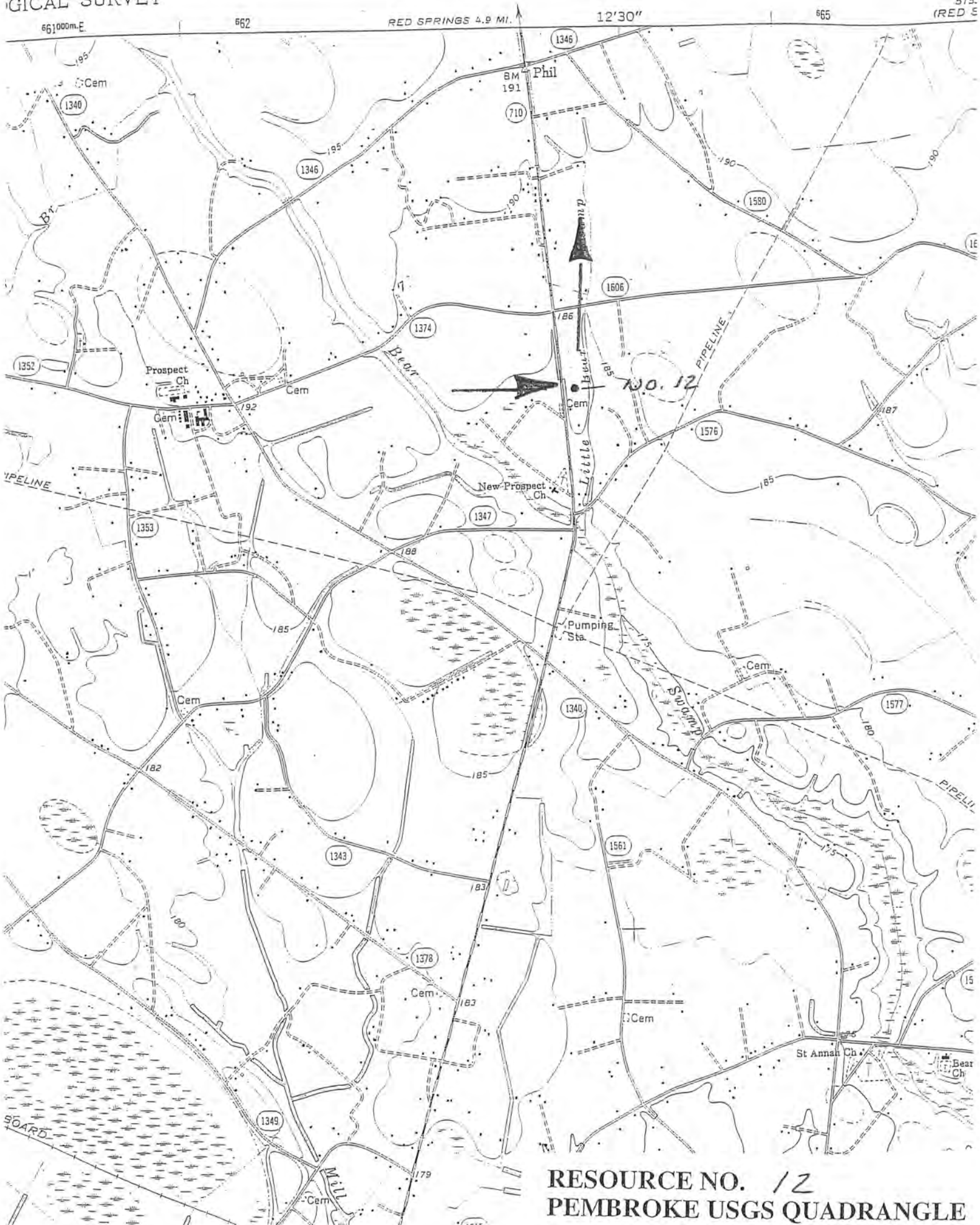


Roll No. 14 Exposure No. 2 Resource No. 12
View E



Roll No. 14 Exposure No. 3 Resource No. 12
View NNE to tower

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GEOLOGICAL SURVEY



RESOURCE NO. 12
PEMBROKE USGS QUADRANGLE

Campen Cell Tower



Roll No. 14 Exposure No. 4 Resource No. 13
View NE



Roll No. 14 Exposure No. 5 Resource No. 13
View NW to tower

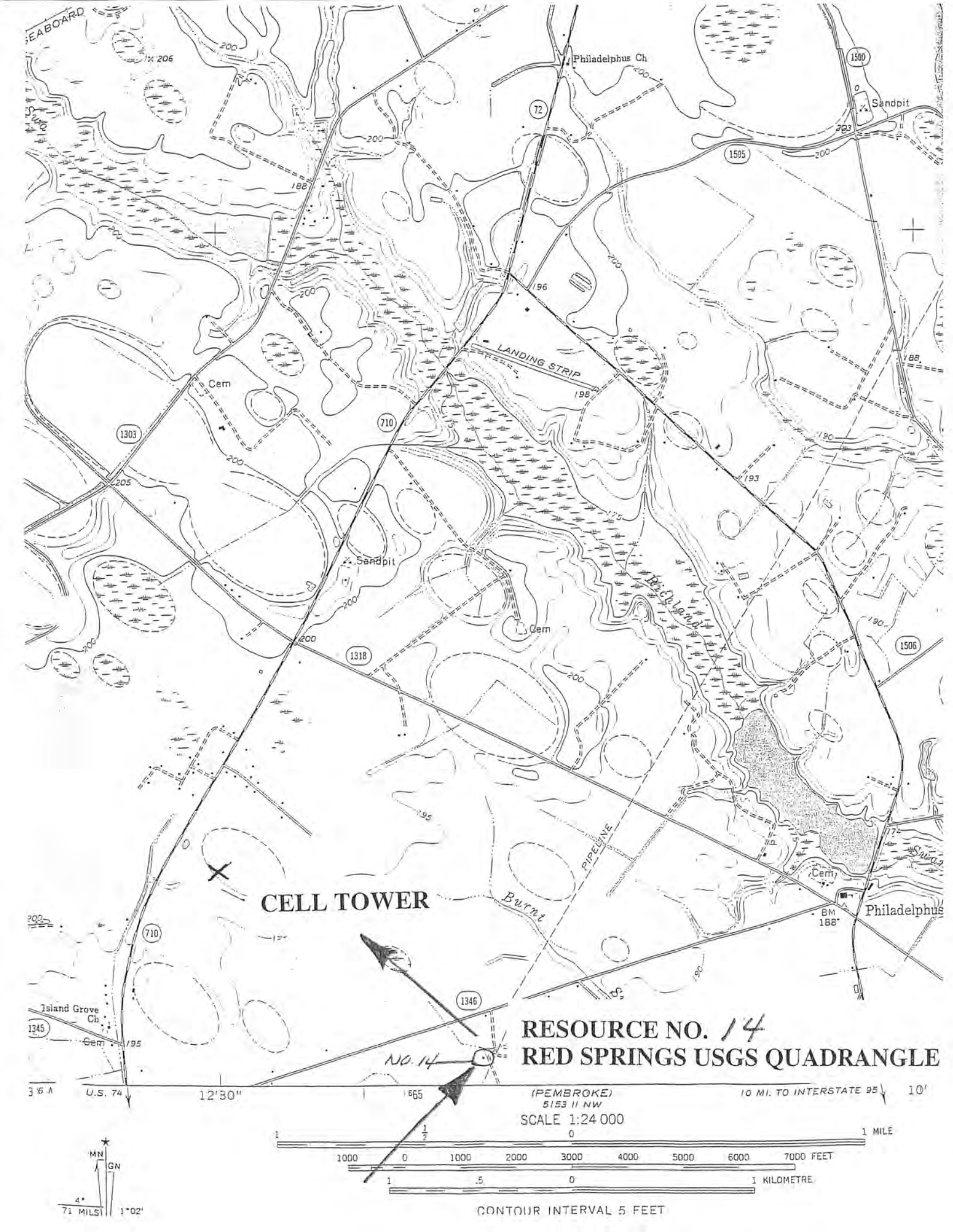
Campen Cell Tower



Roll No. 14 Exposure No. 6 Resource No. 14
View NNW



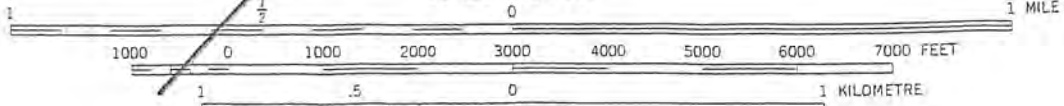
Roll No. 14 Exposure No. 7 Resource No. 14
View NW to tower



CELL TOWER

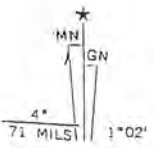
**RESOURCE NO. 14
RED SPRINGS USGS QUADRANGLE**

(FEMBROKE)
5153 II NW
SCALE 1:24 000



CONTOUR INTERVAL 5 FEET

3 1/2' U.S. 74 12'30" 1655 10 MI. TO INTERSTATE 95 10'



Campen Cell Tower



Roll No. 14 Exposure No. 8 Resource No. 15
View NE



Roll No. 14 Exposure No. 9 Resource No. 15
View NW



5153 | SW
(RED SPRINGS)

RED SPRINGS 5.3 MI.
PHILADELPHUS 0.6 MI.

10' 668

669

15

RESOURCE NO. 15
PEMBROKE USGS QUADRANGLE

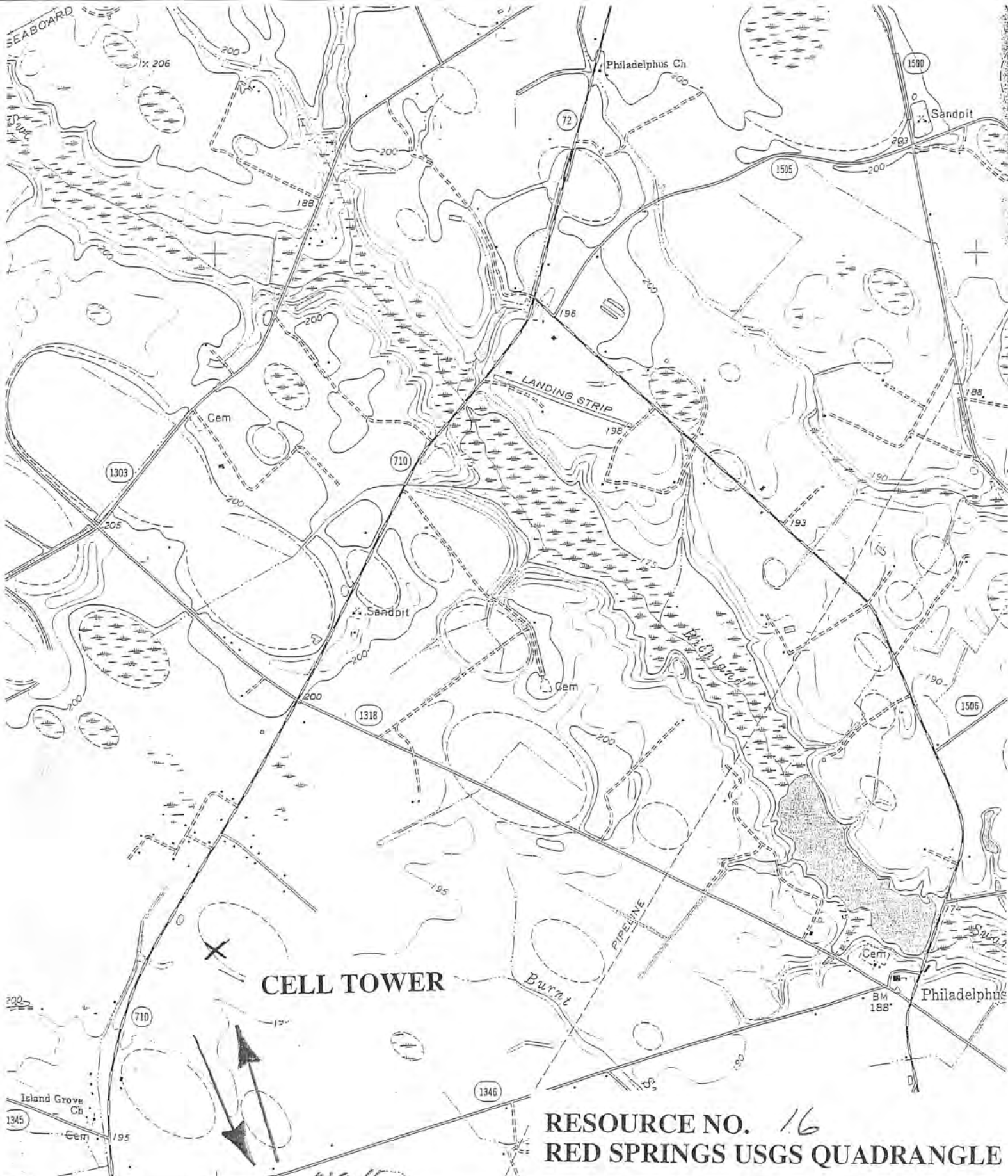
Campen Cell Tower



Roll No. 14 Exposure No. 10 Resource No. 16
View SSE



Roll No. 14 Exposure No. 11 Resource No. 16
View NNW to tower

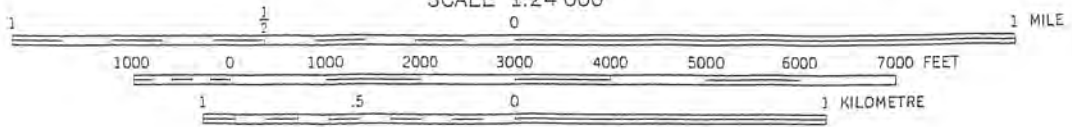


CELL TOWER

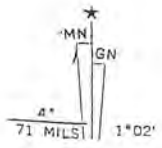
RESOURCE NO. 16
RED SPRINGS USGS QUADRANGLE

361 U.S. 74 12'30" 1665 (PEMBROKE) 5153 II NW 10 MI. TO INTERSTATE 95 10'

SCALE 1:24 000



CONTOUR INTERVAL 5 FEET



Campen Cell Tower



Roll No. 14 Exposure No. 12 Resource No. 17
View E



Roll No. 14 Exposure No. 13 Resource No. 17
View N to tower

