FINAL SURVEY REPORT

PHASE TWO OF COAL MINING RELATED RESOURCES IN REGION FOUR SURVEY

40-89-40062.004

Submitted by:

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INTRODUCTION

From 1870 to 1920, the exploitation of coal shaped the social and economic evolution of southeastern Oklahoma, including Haskell and Coal Counties. During this half century, the coal industry thrived primarily by supplying locomotive fuel to the region's railroads. Hundreds of mines - large and small, corporate and individually owned - tapped the plentiful bituminous deposits close to the surface and deep underground. Thousands of miners, some recent immigrants to America, occupied the mining camps and towns. However, the coal industry, both nationwide and in southeastern Oklahoma, entered a period of decline in 1921 which only deepened with the Great Depression. It was during the post-1930s also that the technique of strip mining rose to prominence in Haskell and Coal Counties. The cost efficiency of excavating coal lying just below the surface with steam shovels suited the economically strained times. World War II temporarily revived the ailing industry, but by 1950, it was well on its way to extinction. Then, the energy crisis of the 1970s revived Oklahoma's coal industry once again, albeit only for about a decade. Even today, much coal lies beneath the region, a sleeping giant awaiting the call to supply future energy should the need arise.

Coal mining obviously has left a considerable imprint on the landscape and built environment of Coal and Haskell Counties. Abandoned mine mouths, numerous strip pits, the ruins of powder houses and other mine buildings, commercial buildings, and even cemeteries all remain as reminders of this once dominant industry. Often, these surviving physical links to the past occur in isolated rural areas, forgotten and overgrown with bush.

Recognizing the importance of these resources associated with the state

and region's industrial past, the State Historic Preservation Office made the Phase II of Coal Mining Related Resources in Region Four Survey one of its priorities for Fiscal Year 1989. Growing concern over localized problems of subsidence and groundwater contamination were also motivating factors in undertaking the survey, as was the need to facilitate the joint state-federal effort to reclaim abandoned mine sites. Done on a reconnaissance level, yet in an unusually thorough manner due to the use of the predictive model, this survey provides a valuable tool for land-use management in the two counties. It also provides the necessary foundation for ultimately preserving significant historic coal mining resources. In all these tasks, the Oklahoma Historic Preservation Survey has been an enthusiastic partner with the State Historic Preservation Office.

PROJECT OBJECTIVES

Following the guidelines set forth in R.F.P. #40-89-40062-004, this project sought to fulfill the following objectives.

The first was to identify, through a reconnaissance level, those individual coal mining related properties, including districts, within the study area which on the basis of age (at least forty years old) and retention of historic integrity warrant further study for possible inclusion on the National Register of Historic Places. This time frame enables the State Historic Preservation Office to manage more efficiently those resources which may become eligible for the National Register within the next decade. This process also included identification of representative property types from areas recommended for a possible future intensive level survey. The identification of these resources involved minimal documentation in accordance to State Historic Preservation Office requirements - completion of a Historic Preservation Resource Identification Form for each property and photodocumentation of its primary elevations. From this data, and drawing upon information from the historic context document prepared during the initial phase of this project, preliminary determinations of eligibility were made for each property. The justifications for these determinations are found on the individual Historic Preservation Identification Forms for each property on file with the Oklahoma State Historic Preservation Office.

Fulfillment of this first objective allowed for completion of the second. This involved the identification and characterization of properties documented during the survey deemed ineligible for the National Register and, therefore, not worthy of further study. The justifications for a property's exclusion were based on insufficient age and/or the loss of historic

integrity. Again, individual determinations and their justification are found on the pertinent Historic Preservation Resource Identification Forms. This process also facilitated the identification of sections of the study area devoid of historic coal mining related resources.

A third major objective concerned the identification of all reference materials required to complete National Register nominations of the individual properties and potential districts deemed worthy of further study. Many of these sources were noted while preparing the historic context document for coal mining in Management Region Four, an element of an earlier project. Others came to light during the course of this survey. A bibliography of these materials comprise a separate section of this report.

A final object centered upon the utilization of a predictive model constructed during the Architectural/Historic Intensive Level Survey of Coal Mining Related Resources of Pittsburg County in Fiscal Year 1988. This predictive model targeted the area for the reconnaissance level survey and enabled it to approach intensive level coverage by locating areas of Haskell and Coal Counties which historically were extensively mined.

AREA SURVEYED

The study area for the survey consisted of all of Haskell and Coal Counties. Covering 1140 square miles (729,600 acres), it lies within the State Historic Preservation Office's Management Region Four. A map depicting the study follows.

Management Region #4 and Study Area

RESEARCH DESIGN AND EXECUTION

This project's research design followed professional methodological standards, as well as the "Archeology and Historic Preservation: Secretary of the Interior Standards and Guidelines" (Federal Register, 29 September 1983:44716-44742). It intended for each step in the process to build upon the results of the previous task, making for a time- and cost-efficient effort.

The historic context document pertaining to coal mining in Management Region #4, prepared during the first phase of this project, served as the foundation for all subsequent activity. By definition, such a document groups information about historic resources according to their shared theme, chronological period, and geographical area. It also identifies appropriate property types. In this case, the historic context document focuses on coal mining related activity and property types in southeastern Oklahoma, from the beginning of commercial exploitation in 1870 to the industry's demise in 1950. When applied with the National Register Criteria for Evaluation, the historic context facilitates determination of a property's significance in relationship to the broad patterns of our historic, archeological, architectural, and engineering heritage. In short, it provides the link between a property as it exist today and the past which created it, and thus gives the property meaning.

Before conducting the actual field survey, the Graduate Assistants reviewed the historic context document. This both instructed them in the history associated with the resources they would document, and alerted them to the property types they would likely encounter in the study area. Their training program also included familiarization with the revised Historic Preservation Resource Identification Form; National Register Bulletin Twenty-

four: Guidelines for Local Surveys: A Basis for Preservation Planning; National Register Bulletin Fifteen: Guidelines for Applying the National Register Criteria for Evaluation; the anticipated project products; and various administrative details.

At this juncture, another tool which proved invaluable to the field survey was utilized. As part of the Architectural/Historic Intensive Level Survey of Coal Mining Related Resources of Pittsburg County, the Oklahoma Historic Preservation Survey Developed an objective-associational model for predicting the location of similar properties in Haskell and Coal Counties. This model pinpointed portions of the study area which had a high probability of containing historic coal mining related resources (See Table 1). Moreover, the data for compiling this model primarily came from the text and plates in United States Geological Survey Bulletin 874, Geology and Fuel Resources of the Southern Part of the Oklahoma Coal Field (Washington, D.C.: Government Printing Office, 1937). The location of known mining activity was then extrapolated onto appropriate 7 1/2' USGS topographic maps. These became the target of the surveyors and ultimately enabled the documentation of the 181 mine related properties.

Once the training sessions and map extrapolation were completed, the Graduate Assistants entered the field. They sought to document all extant coal mining related properties in the study area targeted by the predictive model, although, admittedly, coal mines received the emphasis. Documentation required completing a Historic Preservation Resource Identification Form and photographs of the primary elevations of each property. While performing these tasks, the Graduate Assistants also made preliminary determinations of individual properties warranting further study for possible inclusion on the

TABLE 1

HIGH PROBABILITY ZONE
COAL MINING RELATED RESOURCES IN COAL AND HASKELL COUNTIES

Coal County

R10E, T1N	Sections:	13, 22, 23, 25, 27, 28, 31, 32, 35
R10E, T1S	Sections:	2, 11, 13, 14, 23, 36
R10E, T2S	Sections:	3
R11E, T1N	Sections:	7, 16, 17, 18
R11E, T2S	Sections:	6

Haskell County

R18E, T8N	Sections:	1, 11, 15
R19E, T7N	Sections:	All
R19E, T8N	Sections:	12
R20E, T7N	Sections:	30, 34, 35, 36
R20E, T8N	Sections:	1
R20E, T9N	Sections:	22
R21E, T8N	Sections:	17
R21E, T9N	Sections:	18, 20
R21E, T10N	Sections:	4, 5, 8, 30
R22E, T8N	Sections:	13, 23, 24, 26, 27, 33, 34
R22E, T9N	Sections:	2, 13, 14, 15, 16, 20, 21, 22, 23
R22E, T10N	Sections:	3, 4, 7, 8, 17, 24, 25, 26, 35
R22E, T11N	Sections:	19, 32
R23E, T9N	Sections:	17, 18, 19
R23E, T10N	Sections:	17

National Register. Historic districts associated with the county's coal mining past were also identified. Whenever possible, the surveyors complimented the information garnered from the historic context document with oral interviews with local citizens and material available at local repositories. All this research enabled completion of the Historic Preservation Resource Identification Forms as thoroughly as possible. The Graduate Assistants finished this phase of the project in five weeks. Even while they were in the field, the preparation of photodocumentation began. Rolls of film collected by the Principal Investigator were developed on to contact sheets. Upon completion of the field work in its entirety, all rolls were processed, and project personnel determined which exposures needed to be developed into 5" X 7" black and white glossy prints.

The survey revealed many small- to medium-size mining operations about which little is known. In an effort to obtain additional information on the resources identified, the Oklahoma Historic Preservation Survey contacted the Oklahoma Department of Mines. One of its staff members, Allan Hartlein, maintains on his own a data base of known mining sites based on the Department's records. Unfortunately this data base is most thorough only for recent mines; historic records are more incomplete due to the absence of a mine permitting process over which the Department would have had jurisdiction. Nevertheless, the information provided by Hartlein and the Department, including access to its complete run of State Mine Inspector reports, allowed a number of data gaps to be filled. Moreover, Mr. Hartlein expressed great interest in the results of this project since they promise to facilitate his task of addressing various mine reclamation duties.

All information for completing the individual Historic Preservation

Resource Identification Forms was compiled into a data base using the dBase III Plus Program. From this data base, the actual Identification Forms were ultimately generated, but only with greater difficulty than originally anticipated. Arranging the size of the various fields within the data base to fit the Form proved especially troublesome.

As this information was entered into the computer, the Principal Investigator and the Graduate Assistants met with the Architectural Historian, Jeffrey K. Williams of the Oklahoma State University School of Architecture, to review the findings of the survey. At the review session, Williams received the photodocumentation and a copy of the historic context document. Following a visit to the study area, he completed a report addressing the relationship between its physical and cultural environment as revealed through its architecture. A copy of the Architectural Historian's report is included as an appendix to this report.

The final phase of the project entailed compiling the survey data into its final form. This included final revisions of the Identification Forms, identifying individual properties and districts potentially eligible for inclusion on the National Register, compiling the individual property files, and composing the final report.

KINDS OF PROPERTIES SOUGHT AND IDENTIFIED

The survey component of this project concentrated on properties directly associated with mining since these most promise to fulfill the project's primary objective of increasing coverage of the state's industrial resources. Also, lying in isolated rural areas, these properties are the least known and the most endangered of coal mining related resources. Nevertheless, the survey also documented commercial, industrial, transportation, and funerary properties, especially in the smaller towns which owed their existence mostly to coal mining.

Industrial Properties - Mine Sites

Most of the properties identified and documented were mine sites, locations at which the extraction of coal once occurred. Originally, it was anticipated that these sites might contain mine entrances, power houses, machine shops, tipples, powder houses, washrooms, office buildings, and a variety of other buildings and structures that would comprise a mining complex. In reality, few of these resources survive extant. Instead, mine entrances, engine mounts, dump piles, foundations, and strip ponds were usually encountered.

The historic context developed for coal mining in Management Region Four reveals that three mining techniques dominated southeastern Oklahoma production. Slope mines, usually found on hillsides, tapped deposits by sinking an inclined tunnel from the surface until reaching the seam. Historically, this was the most common mining technique throughout the region, but not in the study area. Much of the coal in Haskell and Coal Counties lies relatively close to the surface and, thus, was extracted using surface techniques in the post-1930 period. The least costly and most efficient of

the techniques, it simply entails removal of the overburden, usually with a steam shovel, to expose the seam. Of the 171 mining properties documented during the survey, 107 (62.3%) were surface operations, typically referred to as strip pits. Many of these were operated by small- and medium-sized firms taking advantage of its cost and manpower efficiencies.

While slope mining dominated Pittsburg County, it was second to stripping in Haskell and Coal Counties. The survey documented 39 slope mine sites, a figure representing 22.8% of the total mine sites recorded. The least common technique encountered in the study area was shaft mining. This involves sinking a vertical opening from the surface until reaching the deposit. This expensive technique requires considerable motive power for hauling both coal and miners to the surface. The survey documented 25 shaft mine sites (17% of the total). Not surprisingly, nearly all were associated with large railway producers, especially the Missouri-Kansas-Texas Railroad

Industrial Properties - Mine Related Buildings and Structures

At several locations, structures associated with mining have survived sufficiently intact to warrant separate documentation. Since the mines of southeastern Oklahoma were notoriously gaseous, safety was always a primary concern, and several resources associated with the perilous nature of coal mining were identified. These include the Brick Air Shaft Structure and the Air Shaft and Manway Escape Shaft Structure within the McCurtain city limits.

Industrial Properties - Non-Mine Related

The survey also identified an industrial property which, while not directly related to mining, depended on the availability of abundant nearby coal. At the turn-of-the-century, the San Bois Coal Company erected ovens for converting coal into coke. The coking process drove off much of the coal's

non-volatile matter, thereby raising its heating value and making it a superior industrial fuel. Remnants of these coking ovens were located in the vicinity of McCurtain.

Commercial Properties

The thousands of men who came to work the mines of the Choctaw Nation, which in 1907 became part of southeastern Oklahoma, required a variety of goods and services. Therefore, many early commercial properties enjoy a direct link to the region's coal-related past. Grocery stores, mercantiles, and banks all served the everyday needs of miners and their families. The historic commercial properties in the study area date from the early 1890s to the 1920s, and, accordingly, most reflect the Early Commercial style of architecture. Unfortunately, a significant concentration of the resources fell victim to a major fire in the Coalgate central business district just before the field survey began. The most outstanding commercial property documented by the survey is the Merchants National Bank in Lehigh, Coal County.

Funerary Properties

In an industry fraught with danger, death proved all too common in the coal mines of southeastern Oklahoma. Thus, cemeteries may be properly considered coal mining related historic resources. They reveal much about the inherent dangers of mining, and the ethnic and religious composition of the mining population. The current survey documented such properties having strong ties to coal mining including the Gardens of Memories Miners Cemetery and the Old Panther Cemetery, both near McCurtain, and the Little San Bois Cemetery.

Transportation Properties

Throughout their mutual existence, coal mining and railroads enjoyed a symbiotic relationship. Coal provided railroads with both a fuel supply and a profitable freight item. Railroads provided a major market for coal and by carrying the bulky commodity to distant markets generally made mining economically feasible. Often, commercial exploitation awaited the arrival of the rails, and this certainly was the case in Pittsburg County. The survey identified rail-related properties illustrating this relationship--the Fort Smith and Western Railroad Trestle Structure one mile south of McCurtain.

AREAS NOT CONTAINING HISTORIC PROPERTIES

A reconnaissance-level survey can expedite land-use management and historic preservation not only by identifying where concentrations of historic properties exist, but also where they do not exist. Areas lacking historic resources may be excluded from any subsequent intensive-level survey, thereby making that effort more time- and cost-efficient. In the Phase Two of Coal Mining Related Resources in Region Four Survey, this process was even more precise, and thus more valuable, due to utilization of the predictive model which allowed the reconnaissance survey to be more thorough than is normally the case. Indeed, careful consideration should be given whether an intensive-level survey in the future would be an efficient use of limited monetary resources since the Oklahoma Historic Preservation Survey believes its coverage of the study area approached the intensive survey level.

The following maps depicts portions of the study area which, based on the results of the reconnaissance survey and earlier predictive model, may be considered as not containing significant coal mining related historic resources.

DOCUMENTED PROPERTIES

The following is a list of all properties documented within the study area regardless of whether or not they warrant further study. Documentation of each property consisted of completing the Historic Preservation Resource Inventory Form and the photodocumentation of its primary elevations. The photographs were developed as 5" X 7" black and white glossy prints.

The list includes the name of the resource, its address or location, map coordinate, and index numbers for the location of its negatives. The map coordinate refers to the number assigned that property so that it can be easily located on the maps which follow the list. The index number identifies the roll number for the photographs. The acronym "P2CM" refers to "Phase Two Coal Mining," and the final series of numbers refers to the exposure number. Thus, the designation "9 P2CM 7, 8" for the Keystone #1 Slope Mine Site refers to film roll 9 and exposures 7, 8 as the photodocumentation for that property. All negatives have been submitted to the State Historic Preservation Officer in clear, archival holders. Each holder is identified by the roll number and project acronym. A separate property index also accompanies the negatives.

Name: Location: Negative:	Map Coordinate:
MK&T #5 Shaft Mine Site Coalgate Vicinity Sec 13, NE4 of SW4, T1N, R10E 13 P2CM 21	6
Ferrimond & Sunshine Slope/Strip Mine Coalgate Vicinity Sec 13, NW4 & NE4 of SE4, T1N, R10E 14 P2CM 6, 8, 10, 11	4
MK&T #2 Shaft Mine Site Coalgate Vicinity Sec 13, SW4 of NE4, T1N, R10E 13 P2CM 24, 25, 26	3
MK&T #10 Shaft Mine Site Coalgate Vicinity Sec 13, SW4 of SE4, T1N, R10E 13 P2CM 27, 28, 29, 31, 33, 34, 36;14 P2CM 14	5
Coalgate #5 Shaft Mine Site Coalgate Vicinity Sec 22, NE4 of NE4, T1N R10E 12 P2CM 12, 13, 14	7
Coalgate #2 Slope Mine Site (Entry 5) Coalgate Vicinity Sec 22, NE4 of SE4, T1N, R10E 13 P2CM 6	8
Coalgate #2 Slope Mine Site (Entry 6) Coalgate Vicinity Sec 22, NE4 of SE4, T1N, R10E 13 P2CM 9	9
Unidentified Strip Mine Site #72 Coalgate Vicinity Sec 22, NW4 of SE4, T1N, R10E 13 P2CM 10, 13, 14	10
Coalgate #2 Slope Mine Site (Entry 1) Coalgate Vicinity Sec 22, SW4 of SE4, T1N, R10E 13 P2CM 18, 19, 20	11

Name: Location: Negative:	Map Coordinate:
Coalgate #2 Slope Mine Site (Entry 2) Coalgate Vicinity Sec 22, SW4 of SE4, T1N, R10E 13 P2CM 17	12
Coalgate #2 Slope Mine Site (Entry 3) Coalgate Vicinity Sec 22, SW4 of SE4, T1N, R10E 13 P2CM 17	13
Coalgate #2 Slope Mine Site (Entry 4) Coalgate Vicinity Sec 22, SW4 of SE4, T1N, R10E 13 P2CM 16	14
Peters Coal Co. Slope Mine Site Coalgate Vicinity Sec 23, SE4 of NE4, T1N, R10E 12 P2CM 1, 2, 3, 4	15
MK&T New #12 Shaft Mine Site Coalgate Vicinity Sec 25, NE4 of NW4, T1N, R10E 12 P2CM 7	16
MK&T Old #12 Shaft Mine Site Coalgate Vicinity Sec 25, SW4 of SW4, T1N, R10E 12 P2CM 7, 8	17
MK&T Old #4 Shaft Mine Site Coalgate Vicinity Sec 26, NE4 of SE4, T1N, R10E 12 P2CM 9, 10	18
Coalgate #3 Slope Mine Site Coalgate Vicinity Sec 27, NW4 of NW4, T1N, R10E 9 P2CM 19, 20	19
Cleland [Clelland] Slope Mine Site Coalgate Vicinity Sec 28, NE4 of SW4, T1N, R10E 9 P2CM 10, 11	23

Name: Location: Negative:	Map Coordinate:
Bristow Slope Mine Site Coalgate Vicinity Sec 28, NW4 of SE4, T1N, R10E 9 P2CM 16, 17	22
Coalgate #4 slope Mine Site (1st Entry) Coalgate Vicinity Sec 28, SE4 of NE4, T1N, R10E 9 P2CM 12, 13	20
Coalgate #4 Slope Mine Site (2nd Entry) Coalgate Vicinity Sec 28, SE4 of NE4, T1N, R10E 9 P2CM 14, 15	21
Taylor and Williamson Slope Mine Site Coalgate Vicinity Sec 28, SE4 of SW4, T1N, R10E 9 P2CM 4, 5	25
Unidentified Strip Mine Site #1 Coalgate Vicinity Sec 28, SE4 of SW4, T1N, R10E 7 P2CM 23, 24	24
Keystone #1 Slope Mine Site Coalgate Vicinity Sec 28, SW4 of SW4, T1N, R10E 9 P2CM 7, 8	26
Citron Slope Mine Site (Phillips) Coalgate Vicinity Sec 31, SE4 of SE4, T1N, R10E 9 P2CM 1, 3	27
Hazelton #3 Slope Mine Site Coalgate Vicinity Sec 32, NW4 of NE4, T1N, R10E 8 P2CM 24, 25	28
Hazelton #2 Slope Mine Site Coalgate Vicinity Sec 32, NW4 of SW4, T1N, R10E 8 P2CM 22, 23	31

Name:
Location:
Negative: Map Coordinate:

Hazelton #1 Slope Mine Site — 30
Coalgate Vicinity
Sec 32, SE4 of NW4, T1N, R10E
7 P2CM 19

Unidentified Strip Mine Site #2 — 29
Coalgate Vicinity
Sec 32, SW4 of NE4, T1N, R10E
7 P2CM 21

Unidentified Strip Mine Site #3 — 33
Coalgate Vicinity
Sec 35, NE4 & NW4 & SW4 of NW4, NW4 & SW4 of SW4, T1N, R10E
9 P2CM 29

MK&T New #4 Shaft Mine Site — 32
Coalgate Vicinity
Sec 35, NE4 of NW4, T1N, R10E
9 P2CM 27, 28

Folsom-Morris #7 Shaft Mine Site — 35
Coalgate Vicinity
Sec 35, SE4 of SW4, T1N, R10E
9 P2CM 21, 22

Tom Jones Slope Mine Site — 34
Coalgate Vicinity
Sec 35, SW4 of NW4, T1N, R10E
9 P2CM 31, 34

Folsom-Morris New #3 Shaft Mine Site — 36
Coalgate Vicinity
Sec 35, SW4 of SW4, T1N, R10E
9 P2CM 23, 24, 25, 26

Dunn Fuel & Lumber Co. Strip Mine Site — 54
Lehigh Vicinity
Sec 11, NW4 & SW4 of NE4, NE4 & SE4 of NW4, NE4 of SW4, T1S, R10E
6 P2CM 34, 35

Folsom-Morris Air Shaft #5 Structure — 55
Lehigh Vicinity
Sec 11, SE4 of SE4, T1S, R10E
7 P2CM 6, 7

Name:
Location:
Negative: Map Coordinate:

Folsom-Morris #8 Shaft Mine Site — 56
Lehigh Vicinity
Sec 13, SW4 of SE4, T1S, R10E
7 P2CM 10, 11, 12

Cooley Bros. Strip Mine Site — 58
Lehigh Vicinity
Sec 14, NE4 & SE4 of NW4, NE4 & SE4 of SW4, T1S, R10E
7 P2CM 5

Unidentified Shaft Mine Site #1 — 61
Lehigh Vicinity
Sec 14, NE4 of SW4, T1S, R10E
7 P2CM 13, 14

Folsom-Morris #5 Shaft Mine Site — 57
Lehigh Vicinity
Sec 14, NW4 of NE4, T1S, R10E
7 P2CM 32, 34

Merchants National Bank Building — 59
Lehigh Vicinity
Sec 14, NW4 of SE4, T1S, R10E
9 P2CM 2, 3

Unidentified Shaft Mine Site #2 — 60
Lehigh Vicinity
Sec 14, SE4 of SE4, T1S, R10E
8 P2CM 1

Folsom-Morris New #4 Shaft Mine Site — 62
Lehigh Vicinity
Sec 14, SE4 of SW4, T1S, R10E
7 P2CM 35, 36

Davidson Shaft Mine Site — 52
Coalgate Vicinity
Sec 2, NE4 of NW4, T1S, R10E
7 P2CM 25, 26, 27, 28, 30, 31

Folsom-Morris #6 Shaft Mine Site — 51
Coalgate Vicinity
Sec 2, SE4 of NE4, T1S, R10E
6 P2CM 27, 28, 30

Name:
Location:

Negative:	Map Coordinate:
Shamrock Old #4 Shaft Mine Site Lehigh Vicinity Sec 23, NE4 of NE4, T1S, R10E 8 P2CM 3, 4	63
Folsom-Morris #8 Slope Mine Site Lehigh Vicinity Sec 23, NE4 of NW4, T1S, R10E 8 P2CM 7, 8	65
Atoka Coal & Mining Co. Strip Mine Site Lehigh Vicinity Sec 23, NW4 & SW4 of NE4, NE4 of NW4, T1S, R10E 8 P2CM 5	64
Atoka Coal&Mining Co #3 Slope Mine Site Lehigh Vicinity Sec 23, SE4 of SE4, T1S, R10E 8 P2CM 10, 11	66
Unidentified Slope Mine Site #3 Lehigh Vicinity Sec 25, NE4 of SW4, T1S, R10E 8 P2CM 21	69
Folsom-Morris New #1 Shaft Mine Site Lehigh Vicinity Sec 25, SE4 of NW4, T1S, R10E 8 P2CM 12, 13	67
Unidentified Strip Mine Site #8 Lehigh Vicinity Sec 25, SW4 of SE4, T1S, R10E 11 P2CM 29, 30	68
J.L. Gaddo #3 Shaft Mine Site Lehigh Vicinity Sec 36, NE4 of NE4, T1S, R10E 15 P2CM 1, 2, 3, 5, 6, 8, 10	70
Pope Slope #1 Mine Site (Midway Coal Co) Lehigh Vicinity Sec 36, NE4 of NW4, T1S, R10E 8 P2CM 16, 18, 19	74

Name:
Location:
Negative: Map Coordinate:

Unidentified Strip Mine Site #9 — 72
Lehigh Vicinity
Sec 36, NW4 & SE4 & SW4 of NE4, NE4 of NW4, T1S, R10E
11 P2CM 26, 27, 28;14 P2CM 34, 36

Unidentified Shaft Mine Site #3 — 11
Lehigh Vicinity
Sec 36, NW4 of NE4, T1S, R10E
8 P2CM 15

Folsom-Old #1 Shaft Mine Site — 73
Lehigh Vicinity
Sec 36, SE4 of NE4, T1S, R10E
11 P2CM 31, 32, 33, 34, 26

Unidentified Slope Mine Site #2 — 53
Lehigh Vicinity
Sec 8, SW4 of SW4, T1S, R10E
6 P2CM 31, 32

Unidentified Strip Mine Site #5 — 40
Coalgate Vicinity
Sec 15, NW4 of NE4, T1N, R11E
11, P2CM 24, 26

Unidentified Strip Mine Site #6 — 41
Coalgate Vicinity
Sec 16, SE4 of NW4 and NE4, SE4 & SW4 of NE4, T1N, R11E
16 P2CM 17, 19, 20, 21

MK&T #21 Slope Mine Site — 42
Coalgate Vicinity
Sec 17, SE4 of NE4, T1N, R11E
16 P2CM 8, 9, 10, 11, 12, 14, 15

MK&T #17 Shaft Mine Site — 43
Coalgate Vicinity
Sec 17, SW4 of SW4, T1N, R11E
15 P2CM 17, 18, 20, 21

MK&T #17 1/2 Slope Mine Site — 47
Coalgate Vicinity
Sec 18, NE4 of SE4, T1N, R11E
14 P2CM 12

Name:
Location:
Negative: Map Coordinate:

MK&T #19 Slope Mine Site
Coalgate Vicinity
Sec 18, NE4 of SE4, T1N, R11E
14 P2CM 14, 15
46

"Gumbo" Strip Mine Site
Coalgate Vicinity
Sec 18, NE4 of SE4 and NW4 of SE4 & NE4 of SW4;
Sec 17, NW4 of SW4, T1N, R11E
14 P2CM 22, 23
45

E.H. Noel Coal Co #1 1/2 Slope Mine Site
Coalgate Vicinity
Sec 18, NE4 of SW4, T1N, R11E
14 P2CM 30; 15 P2CM 17
49

Unidentified Strip Mine Site #7
Coalgate Vicinity
Sec 18, NW4 of NW4, T1N, R11E
15 P2CM 34, 36
44

E.H. Noel Coal Co. #1 Slope Mine Site
Coalgate Vicinity
Sec 18, NW4 of SW4, T1N, R11E
15 P2CM 15
50

MK&T #9 Shaft Mine Site
Coalgate Vicinity
Sec 18, SW4 of SE4, T1N, R11E
14 P2CM 24
48

Sandmann #2 Slope Mine Site
Coalgate Vicinity
Sec 7, NE4 of SE4, T1N, R11E
15 P2CM 27, 28, 29, 30, 31, 32, 33
37

Unidentified Strip Mine Site #4
Coalgate Vicinity
Sec 7, SE4 & SW4 of SW4, T1N, R11E
16 P2CM 2, 5, 7
39

MK&T #14 Slope Mine Site
Coalgate Vicinity
Sec 7, SE4 of SW4, T1N, R11E
15 P2CM 24, 25, 26
38

Name:
Location:
Negative: Map Coordinate:

Unidentified Strip Mine Site #10 — 75
Lehigh Vicinity
Sec 31, SW4 of SW4, T1S, R11E
15 P2CM 11, 12

Unidentified Strip Mine Site #11 — 76
Hoyt Vicinity
Sec 1, SE4 of NW4, T8N, R18E
10 P2CM 8

D & D Mining Company Strip Mine Site — 78
Kinta Vicinity
Sec 5, NE4 & NW4 of NE4, SW4 of NE4, SE4 of NW4, T7N, R19E
10 P2CM 16

Hiland Coal Company Slope Mine Site — 80
Kinta Vicinity
Sec 30, NW4 of SW4, T8N, R19E
10 P2CM 19, 20

Unidentified Strip Mine Site #13 — 81
Kinta Vicinity
Sec 33, SW4 of SE4, SE4 & SW4 of SW4, T8N, R19E
10 P2CM 14, 15

Unidentified Strip Mine Site #14 — 82
Kinta Vicinity
Sec 34, NW4 of SW4, T8N, R19E
10 P2CM 17

Kinta Stripping Co. Strip Mine Site #2 — 83
Kinta Vicinity
Sec 35, SE4 of NE4; Sec 36 NE4 & NW4 of NE4,
NE4 & NW4 of NW4, T8N, R19E
10 P2CM 18

Unidentified Strip Mine Site #15 — 82
Kinta Vicinity
Sec 35, SE4 of NW4, T8N, R19E
10 P2CM 21

Unidentified Mine Site #16 — 86
Hoyt Vicinity
Sec 14, SW4 of NW4; Sec 15, SE4 of NE4, T9N, R19E
10 P2CM 3, 4, 5

Name:
Location:
Negative: Map Coordinate:

Unidentified Strip Mine Site #17 — 87
Whitefield Vicinity
Sec 23, SE4 of NE4; Sec 24,
NE4 & SW4 of NW4, T9N, R19E
10 P2CM 6

Unidentified Strip Mine Site #18 — 88
Whitefield Vicinity
Sec 33, NW4 of SE4, T9N, R19E
10 P2CM 7

Dahlgren Contracting, Inc. Strip Mine — 85
Hoyt Vicinity
Sec 9, SW4 of SE4, T9N, R19E
10 P2CM 2

Unidentified Strip Mine Site #12 — 77
Kinta Vicinity
Sec 1, SE4 & SW4 of SE4, SE4 & SW4 of SW4, T7N, R20E
10 P2CM 9, 10, 11

Unidentified Strip Mine Site #19 — 89
Lequire Vicinity
Sec 1, SW4 of NE4, T7N, R20E
11 P2CM 11

Unidentified Strip Mine Site #20 — 90
Kinta Vicinity
Sec 5, NE4 & NW4 of NE4, T7N, R20E
11 P2CM 9, 10

Unidentified Strip Mine Site #21 — 91
Stigler Vicinity
Sec 1, NW4 & SE4 & SW4 of SW4, T8N, R20E
10 P2CM 31

Unidentified Strip Mine Site #23 — 93
Stigler Vicinity
Sec 12, NW4 & SE4 & SW4 of NE4, T8N, R20E
10 P2CM 30

Unidentified Strip Mine Site #22 — 92
Stigler Vicinity
Sec 2, NE4 of SE4, SE4 & SW4 of NE4, NE4 & SE4 of NW4, T8N, R20E
11 P2CM 12, 13

Name:
Location:
Negative: Map Coordinate:

Unidentified Strip Mine Site #24 95
Kinta Vicinity
Sec 22, NW4 of SE4, NE4 & NW4 of SW4, T8N, R20E
10 P2CM 25

Unidentified Strip Mine Site #25 94
Kinta Vicinity
Sec 22, SE4 of NE4, NE4 of SE4, T8N, R20E
10 P2CM 26

Unidentified Strip Mine Site #26 96
Lequire Vicinity
Sec 24, NE4 & NW4 of NW4, T8N, R20E
10 P2CM 28

Kinta Stripping Co. Strip Mine Site #1 79
Kinta Vicinity
Sec 25, SE4 of SE4; Sec 30, SE4 of NE4, NE4 &
NW4 of SE4, NE4 & SW4 of SW4, T8N, R20E
10 P2CM 12, 13

Unidentified Strip Mine Site #27 97
Kinta Vicinity
Sec 29, NE4 & NW4 of NE4, T8N, R20E
10 P2CM 22

Unidentified Strip Mine Site #28 98
Kinta Vicinity
Sec 29, SE4 & SW4 of NW4, T8N, R20E
10 P2CM 23

Unidentified Strip Mine Site #29 100
Stigler Vicinity
Sec 14, NE4 of NW4, SW4 of SE4, SE4 & SW4 of SW4, T9N, R20E
11 P2CM 8

Unidentified Strip Mine Site #30 99
Stigler Vicinity
Sec 14, NW4 & SE4 & SW4 of NW4, T9N, R20E
11 P2CM 24, 25

Unidentified Strip Mine Site #31 101
Stigler Vicinity
Sec 15, SW4 of SE4, SE4 & SW4 of SW4, T9N, R20E
10 P2CM 36a

Name: Location: Negative:	Map Coordinate:
Unidentified strip Mine Site #32 Whitefield Vicinity Sec 16, SE4 of SW4, T9N, R20E 10 P2CM 34	104
Unidentified Strip Mine Site #34 Whitefield Vicinity Sec 16, SW4 of NE4, SE4 & SW4 of NW4, T9N, R20E 11 P2CM 22, 23	102
Unidentified Strip Mine Site #33 Whitefield Vicinity Sec 16, SW4 of SE4, T9N, R20E 10 P2CM 35, 36	103
Unidentified Strip Mine Site #35 Whitefield Vicinity Sec 17, SE4 & SW4 of NE4, T9N, R20E 11 P2CM 20, 21	105
Unidentified Strip Mine Site #36 Whitefield Vicinity Sec 21, NE4 of NW4, T9N, R20E 10 P2CM 33	106
Unidentified Strip Mine Site #37 Stigler Vicinity Sec 23, NE4 & NW4 of NW4, T9N, R20E 11 P2CM 7	107
Unidentified Strip Mine Site #38 Whitefield Vicinity Sec 29, SE4 of SW4, SE4 of SW4, T9N, R20E 11 P2CM 16	108
Unidentified Strip Mine Site #39 Whitefield Vicinity Sec 33, SE4 & SW4 of NE4, T9N, R20E 11 P2CM 14	109
Garland Coal & Mining Strip Mine Site #5 Stigler Vicinity Sec 13, SE4 of SW4, NE4 & NW4 & SW4 of SE4, T10N, R21E 1 P2CM 2, 3	120

Name:
Location:
Negative: Map Coordinate:

Unidentified Strip Mine Site #45 121
Stigler Vicinity
Sec 22, NE4 & SE4 of SW4, T10N, R21E
1 P2CM 29

Unidentified Strip Mine Site #46 122
Stigler Vicinity
Sec 23, NW4 of SW4, T10N, R21E
1 P2CM 30

Garland Coal & Mining Strip Mine Site #6 123
Stigler Vicinity
Sec 23, SW4 of NE4, T10N, R21E
1 P2CM 33, 34

Unidentified Strip Mine Site #47 124
Stigler Vicinity
Sec 24, NW4 of NW4, T10N, R21E
1 P2CM 35, 36

Garland Coal & Mining Strip Mine Site #7 125
Stigler Vicinity
Sec 26, SE4 & SW4 of NW4, NE4 & NW4 of SW4, T10N, R21E
1 P2CM 31

Garland Coal & Mining Strip Mine Site #8 126
Stigler Vicinity
Sec 27, SW4 & SE4 of NE4, NW4 & NE4 of SE4, T10N, R21E
1 P2CM 28

Sun River Coal Co. No. 2 Slope Mine Site 127
Stigler Vicinity
Sec 33, SE4 of SE4, T10N, R21E
1 P2CM 6

Garland Coal & Mining Strip Mine Site #10 128
Stigler Vicinity
Sec 34, SW4 & NE4 of NE4, T10N, R21E
1 P2CM 32

Fred Dock Coal Company Slope Mine Site 130
Stigler Vicinity
Sec 34, SW4 of SW4, T10N, R21E
1 P2CM 8

Name:
Location:
Negative: Map Coordinate:

Garland Coal & Mining Strip Mine Site #9 — 129
Stigler Vicinity
Sec 34, SW4 of SW4, T10N, R21E
16 P2CM 28

Unidentified Strip Mine Site #40 — 110
Lequire Vicinity
Sec 5, SW4 of NW4, T7N, R21E
1 P2CM 18, 19

Unidentified Strip Mine Site #41 — 111
Lequire Vicinity
Sec 6, NE4 of NE4, T7N, R21E
1 P2CM 20

Unidentified Strip Mine Site #43 — 113
Stigler Vicinity
Sec 18, NW4 & SW4 of NE4, T8N, R21E
1 P2CM 13, 14

Unidentified Strip Mine Site #44 — 114
Stigler Vicinity
Sec 28, SW4 & SE4 of NW4, T8N, R21E
1 P2CM 15, 17

Unidentified Strip Mine Site #42 — 112
Stigler Vicinity
Sec 7, NW4 & SE4 of SW4, T8N, R21E
1 P2CM 11, 12

Garland Coal & Mining Co. Strip Mine Site #2 — 118
Stigler Vicinity
Sec 4, NW4 & NE4 & SW4 of SW4, T9N, R21E
1 P2CM 21, 22

Garland Coal & Mining Co. Strip Mine Site #3 — 115
Stigler Vicinity
Sec 4, NW4, NW4 of NE4, T9N, R21E
1 P2CM 23

Bill Rogers Coal Company Slope Mine Site — 116
Stigler Vicinity
Sec 4, SW4 of NE4, T9N, R21E
1 P2CM 3, 4

Name:
Location:
Negative: Map Coordinate:

Garland Coal & Mining Co. Strip Mine Site #1 117
Stigler Vicinity
Sec 4, SW4 of NE4, T9N, R21E
1 P2CM 5

Garland Coal & Mining Co. Strip Mine Site #4 119
Stigler Vicinity
Sec 5, SE4 of SE4, T9N, R21E
1 P2CM 25, 27

Unidentified Strip Mine Site #60 165
Keota Vicinity
Sec 15, SW4 of NE4, SE4 of NW4, NW4 of
SE4, NE4 & NW4 of SW4, T10N, R22E
5 P2CM 6, 7

Unidentified Strip Mine Site #61 166
Keota Vicinity
Sec 16, NE4 & SE4 & SW4 of SE4, T10N, R22E
5 P2CM 8, 9

Little San Bois Cemetery Site 167
Keota Vicinity
Sec 16, SW4 of SW4, T10N, R22E
5 P2CM 10, 11

Garland Coal & Mining Co. Strip Mine Site #13 168
Keota Vicinity
Sec 18, NE4 & NW4 of NE4, NE4 & SE4 & SW4
of NW4, T10N, R22E
5 P2CM 14, 15, 16

Unidentified Strip Mine Site #62 169
Keota Vicinity
Sec 21, NW4 of NE4, NE4 & SE4 of NW4, NE4 &
SE4 & SW4 of SW4, T10N, R22E
5 P2CM 17, 18

Unidentified Strip Mine Site #63 170
Keota Vicinity
Sec 27, SW4 of SE4, SE4 & SW4 of SW4;
Sec 33, NE4 & NW4 of NE4, NE4 & SE4 of NW4, T10N, R22E
5 P2CM 21

Unidentified Strip Mine Site #64 171
Keota Vicinity
Sec 28, NW4 & SW4 of NW4, SW4, T10N, R22E
5 P2CM 19, 20

Name:
Location:
Negative: Map Coordinate:

Unidentified Strip Mine Site #57 159
Keota Vicinity
Sec 4, SE4 of SE4, T10N, R22E
4 P2CM 36

Unidentified Strip Mine Site #58 160
Keota Vicinity
Sec 5, NW4 of NE4, NW4, T10N, R22E
4 P2CM 23

Unidentified Strip Mine Site #59 161
Keota Vicinity
Sec 6, SE4, T10N, R22E
4 P2CM 26

Garland Coal & Mining Co Strip Mine Site #11 162
Keota Vicinity
Sec 7, NW4 & SW4 of NE4, NE4 & NW4 & SE4 of SE4, T10N, R22E
4 P2CM 27, 29

Garland Coal & Mining Co Strip Mine Site #12 164
Keota Vicinity
Sec 9, SE4 & SW4 of NW4, NE4 & NW4 of SW4, T10N, R22E
4 P2CM 32, 33

Black Crystal Coal Co. Strip Mine Site 163
Keota Vicinity
Sec 9, SW4 & NW4 & NE4 of NE4, T10N, R22E
4 P2CM 34, 35

Unidentified Slope Mine Site #4 172
Keota Vicinity
Sec 19, NE4 of SW4, T11N, R22E
5 P2CM 23, 24

Unidentified Strip Mine Site #65 173
Keota Vicinity
Sec 32, SW4 & SE4 of SE4, T11N, R22E
5 P2CM 25

Evans Coal Company Strip Mine Site #1 131
McCurtain Vicinity
Sec 12, SE4 & SW4 of SE4, SE4 & SW4 of SW4, T8N, R22E
2 P2CM 15

Name:
Location:
Negative: Map Coordinate:

Evans Coal Company Strip Mine Site #2 132
McCurtain Vicinity
Sec 13, NW4 of NW4, T8N, R22E
2 P2CM 17, 18, 19, 21

Evans Coal Company Strip Mine Site #3 133
McCurtain Vicinity
Sec 14, NE4 & NW4 of NE4, NE4 & SE4 & SW4 of NW4, T8N, R22E
2 P2CM 22, 24

Evans Coal Company Strip Mine Site #4 134
McCurtain Vicinity
Sec 15, SE4 of NE4, NE4 & NW4 of SE4, SW4, T8N, R22E
2 P2CM 26, 27

Evans Coal Company Strip Mine Site #5 135
McCurtain Vicinity
Sec 20, NE4 of SE4; Sec 21, NW4 & SW4 of NE4,
NE4 & SE4 & SW4 of NW4, NE4 & NW4 of SW4, T8N, R22E
2 P2CM 32, 33, 35

Garden of Memories Miners Cemetery Site 136
McCurtain Vicinity
Sec 21, NW4 of NW4, T8N, R22E
2 P2CM 6, 9, 10

San Bois Coal Company District 137
McCurtain Vicinity
Sec 21, SW4 of SE4, T8N, R22E
6 P2CM 19, 20, 23

Old Chant City Jail 141
McCurtain Vicinity
Sec 22, NW4 of SE4, T8N, R22E
16 P2CM 31, 32

Brick Air Shaft Structure 138
McCurtain Vicinity
Sec 22, SE4 of NE4, T8N, R22E
6 P2CM 15, 16

Air Shaft & Manway Escape Shaft Structure 139
McCurtain Vicinity
Sec 22, SE4 of NW4, T8N, R22E
6 P2CM 17, 18

Name:
Location:
Negative: Map Coordinate:

Evans Coal Company Strip Mine Site #6 — 140
McCurtain Vicinity
Sec 22, SW4 of NW4, NW4 of SW4, T8N, R22E
2 P2CM 29, 30, 31

San Bois Coal Co. #12 Slope Mine Site — 142
McCurtain Vicinity
Sec 23, NW4 of SW4, T8N, R22E
3 P2CM 17, 18

Unidentified Strip Mine Site #49 — 144
McCurtain Vicinity
Sec 24, NE4 of SE4, T8N, R22E
3 P2CM 22, 23

Ft. Smith & Western RR Trestle Structure — 145
McCurtain Vicinity
Sec 24, NE4 of SE4, T8N, R22E
9 P2CM 25

Unidentified Strip Mine Site #48 — 143
McCurtain Vicinity
Sec 24, SW4 & SE4 of NW4, NW4 & NE4 of SW4, T8N, R22E
3 P2CM 20, 21

Lone Star Steel Slope Mine Site — 147
McCurtain Vicinity
Sec 29, NW4 of SW4, T8N, R22E
3 P2CM 12, 14

Old Panther Cemetery Site — 146
McCurtain Vicinity
Sec 29, SW4 of SE4, T8N, R22E
3 P2CM 3, 5

Unidentified Strip Mine Site #53 — 154
Keota Vicinity
Sec 17, NW4 of NW4, T9N, R22E
4 P2CM 5, 6

Unidentified Strip Mine Site #54 — 153
Keota Vicinity
Sec 17, SW4 & SE4 of NE4, T9N, R22E
4 P2CM 7, 8

Name:
Location:
Negative: Map Coordinate:

Unidentified Strip Mine Site #55 155
Keota Vicinity
Sec 18, NE4 & NW4 of NE4, NE4 of NW4, T9N, R22E
4 P2CM 11, 12

Jim Sory Strip Mine Site 156
Keota Vicinity
Sec 20, NW4 & SW4 of NE4, T9N, R22E
4 P2CM 9, 10

Unidentified Strip Mine Site #56 157
Keota Vicinity
Sec 25, NW4 of NW4, T9N, R22E
4 P2CM 19, 20

J.H. Wilson Coal Co. Strip Mine Site #3 158
Keota Vicinity
Sec 26, NE4 & SE4 of NE4, SE4, SE4 of SW4, T9N, R22E
4 P2CM 16, 18

J.H. Wilson Coal Co. Strip Mine Site #1 148
Keota Vicinity
Sec 3, NW4 of NE4, SE4 of NW4, NW4 of SW4, T9N, R22E
3 P2CM 27, 28

J.H. Wilson Coal Co. Strip Mine Site #2 149
Keota Vicinity
Sec 4, NE4 & SE4 & SW4 of SE4, SE4 of SW4, T9N, R22E
3 P2CM 29, 30

Unidentified Strip Mine Site #50 150
Keota Vicinity
Sec 7, NE4 & NW4 of NE4, T9N, R22E
3 P2CM 33

Unidentified Strip Mine Site #51 151
Keota Vicinity
Sec 8, SW4 of NE4, NE4 & NW4 & SE4 of
NW4, NE4 of SW4, T9N, R22E
3 P2CM 35, 36

Unidentified Strip Mine Site #52 152
Keota Vicinity
Sec 9, NW4 & NE4 of NW4, T9N, R22E
3 P2CM 31, 32

Name:
Location:
Negative: Map Coordinate:

Unidentified Strip Mine Site #68 176
Keota Vicinity
Sec 12, SE4 & SW4 of NE4, T9N, R23E
6 P2CM 11

Unidentified Strip Mine Site #69 177
Keota Vicinity
Sec 17, NW4 of NE4, NE4 & SE4 & SW4 of NW4, T9N, R23E
5 P2CM 35, 36

Unidentified Strip Mine Site #70 178
Keota Vicinity
Sec 18, NW4 of SE4, NE4 of SW4, T9N, R23E
6 P2CM 2

Evans Coal Company Strip Mine Site #7 179
Keota Vicinity
Sec 25, SE4 of NE4, NE4 & NW4 & SW4 of
SE4, SE4 of SW4, T9N, R23E
6 P2CM 5, 6

Evans Coal Company Strip Mine Site #8 180
Keota Vicinity
Sec 35, SE4 of NE4, NE4 & NW4 & SW4 of SE4, T9N, R23E
6 P2CM 7

Unidentified Strip Mine Site #71 181
Keota Vicinity
Sec 36, SW4 & NW4 & NE4 of NW4, T9N, R23E
6 P2CM 10

Unidentified Strip Mine Site #67 174
Keota Vicinity
Sec 8, SW4 & SE4 & NE4 of SE4, T9N, R23E
5 P2CM 32, 33

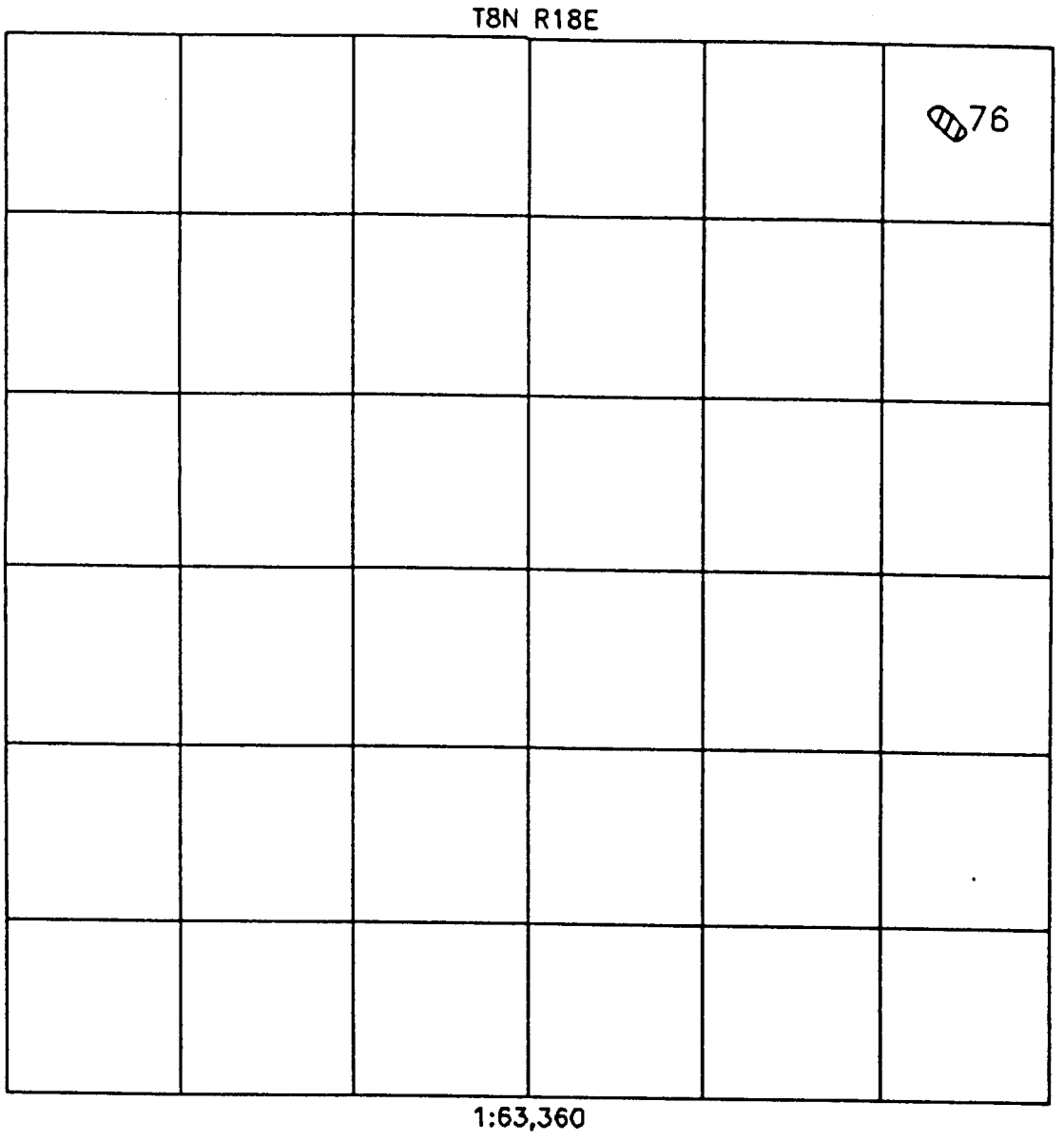
Unidentified Strip Mine Site #66 175
Keota Vicinity
Sec 9, NW4 & SW4 of NE4, SE4 of NW4, NE4 & NW4 & SW4 of SW4, T9N, R23E
5 P2CM 29, 31

Unidentified Shaft Mine Site #4 1
Tupelo Vicinity
Sec 12, NE4 of SW4, T1N, R8E

Name:
Location:
Negative: Map Coordinate:

Unidentified Slope Mine Site #1 2
Clarita Vicinity
Sec 30, SW4 of NE4, T1N, R9E
9 P2CM 35

Coal Mining Related Properties of Haskell County 1990



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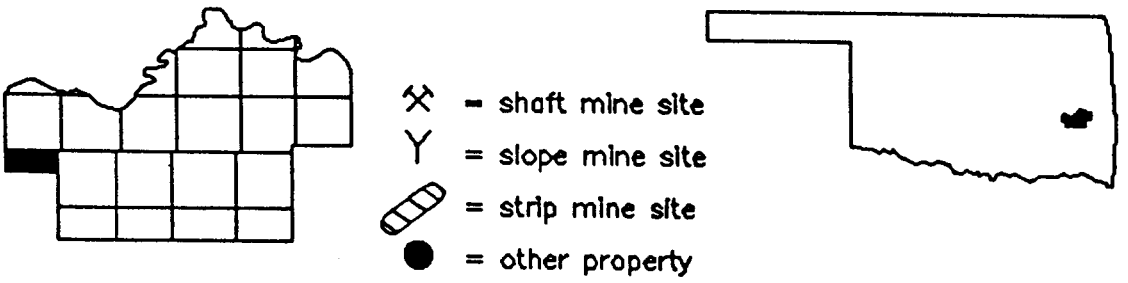
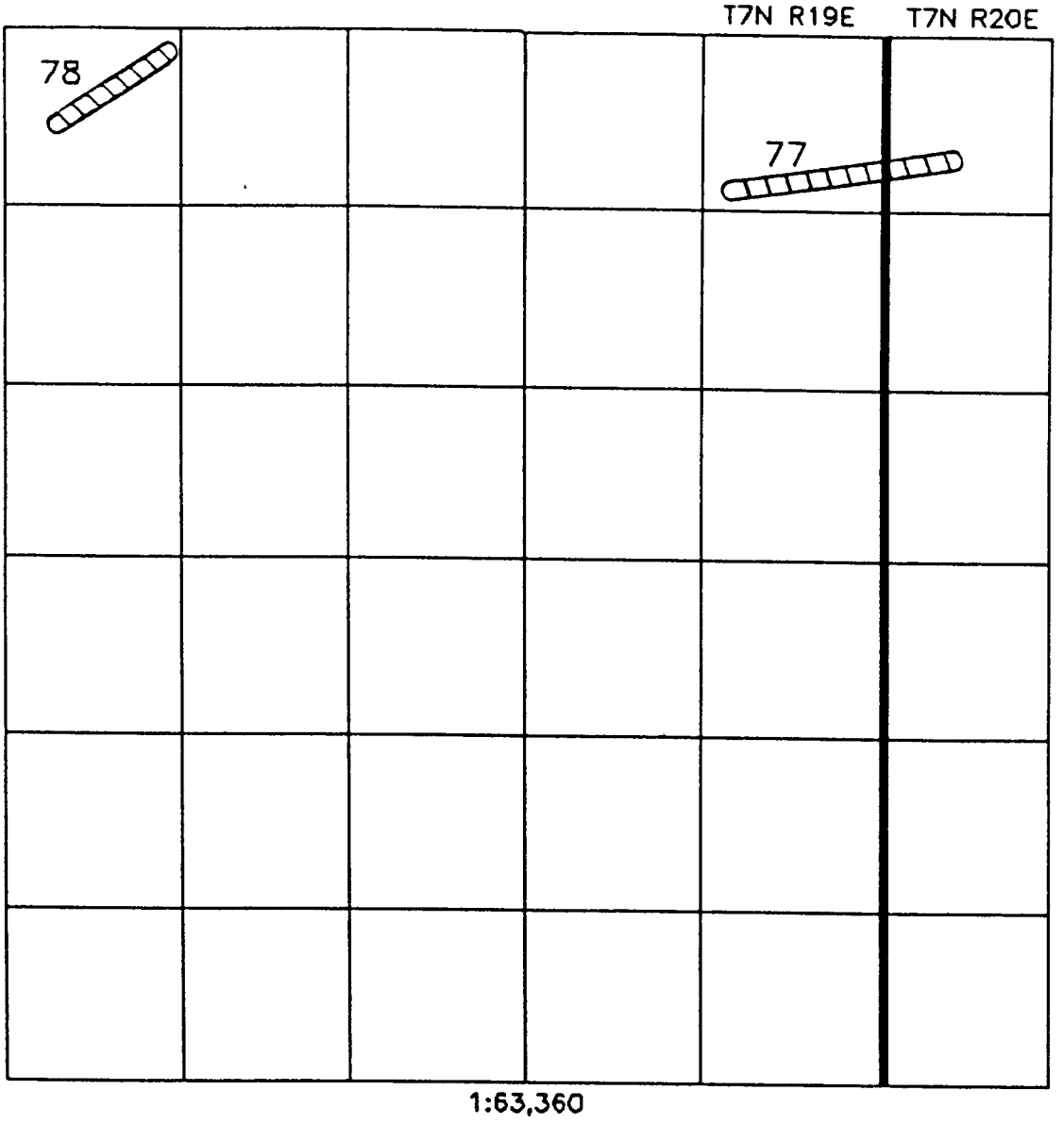


Coal Mining Related Properties of Haskell County 1990



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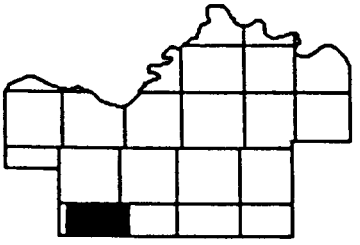
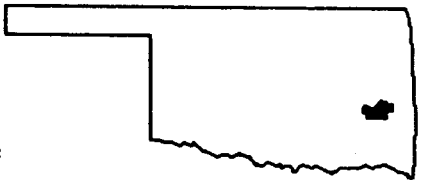




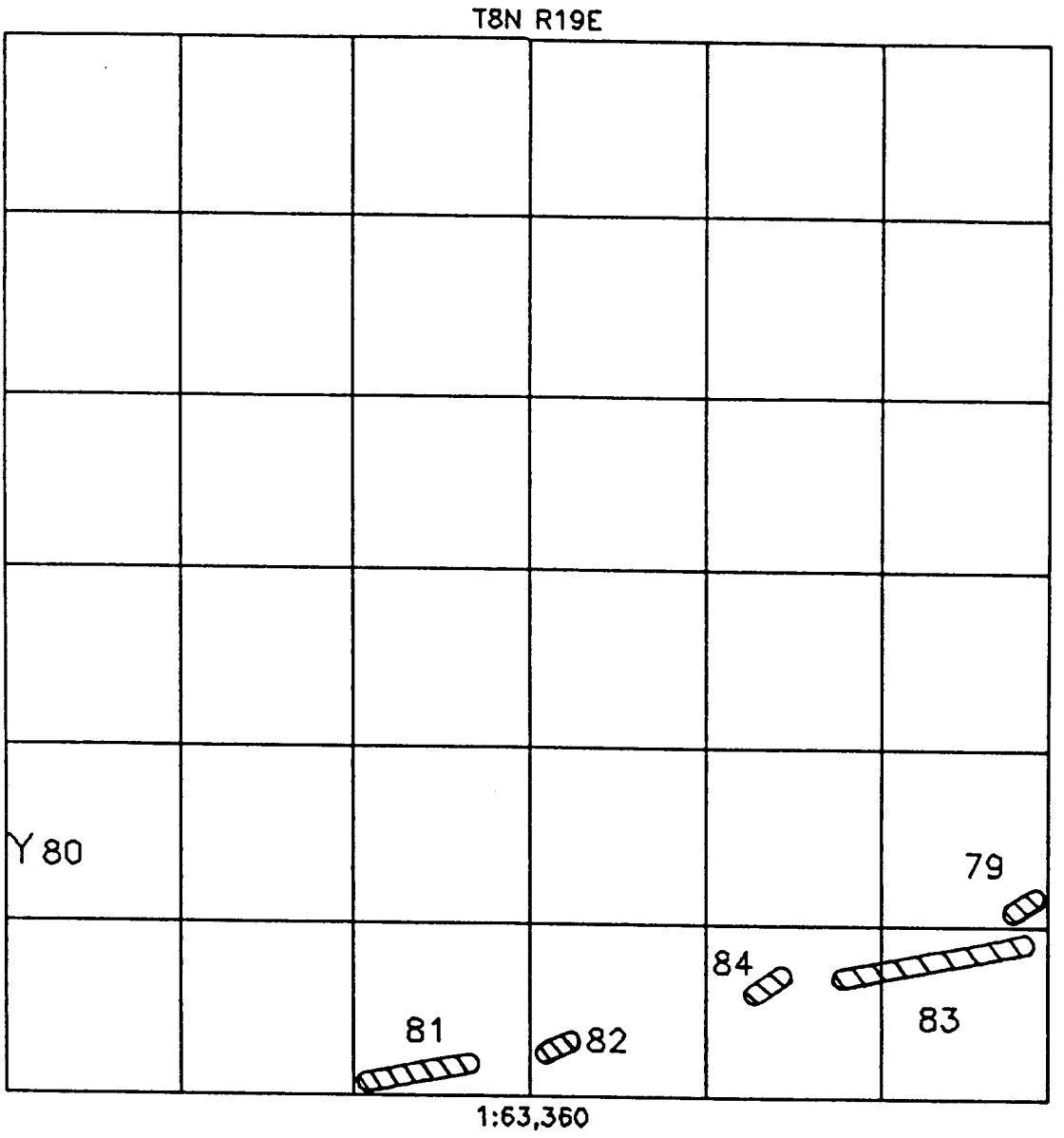
⚒ = shaft mine site

Y = slope mine site

= strip mine site

● = other property

Coal Mining Related Properties of Haskell County 1990



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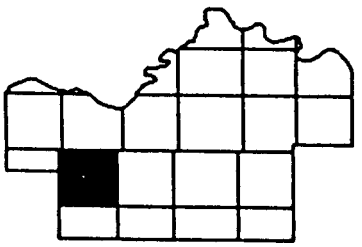
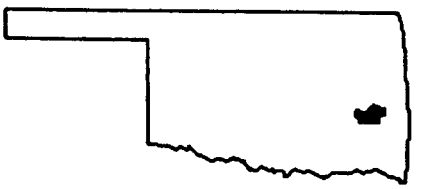


= shaft mine site

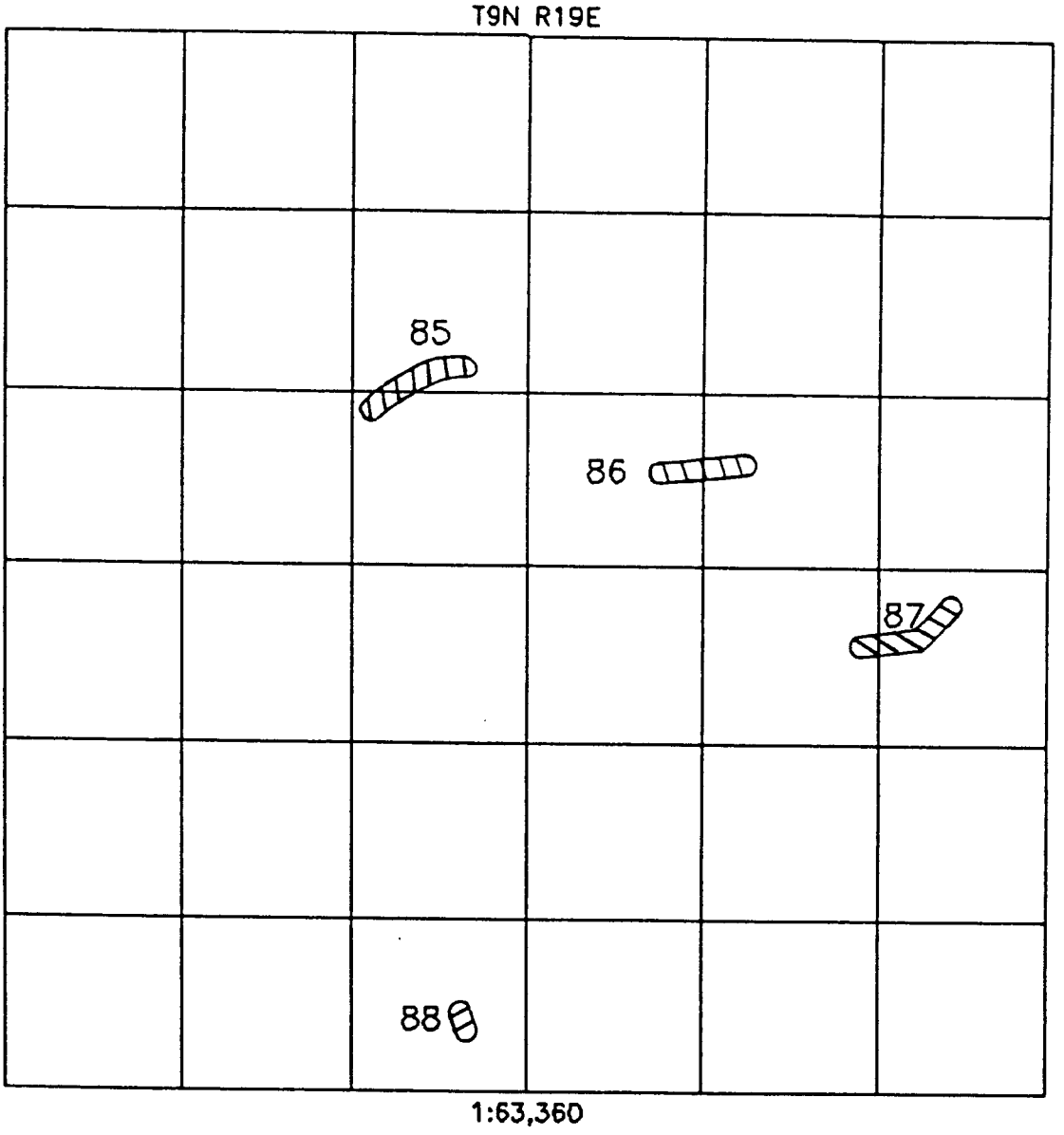
= slope mine site

= strip mine site

= other property



Coal Mining Related Properties of Haskell County 1990



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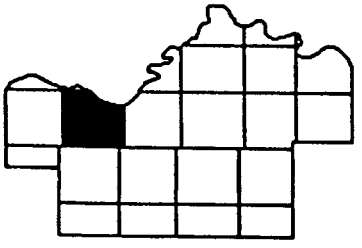
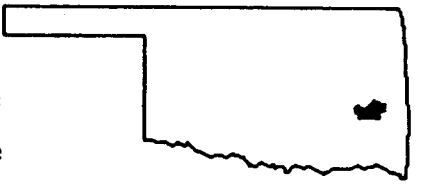


= shaft mine site

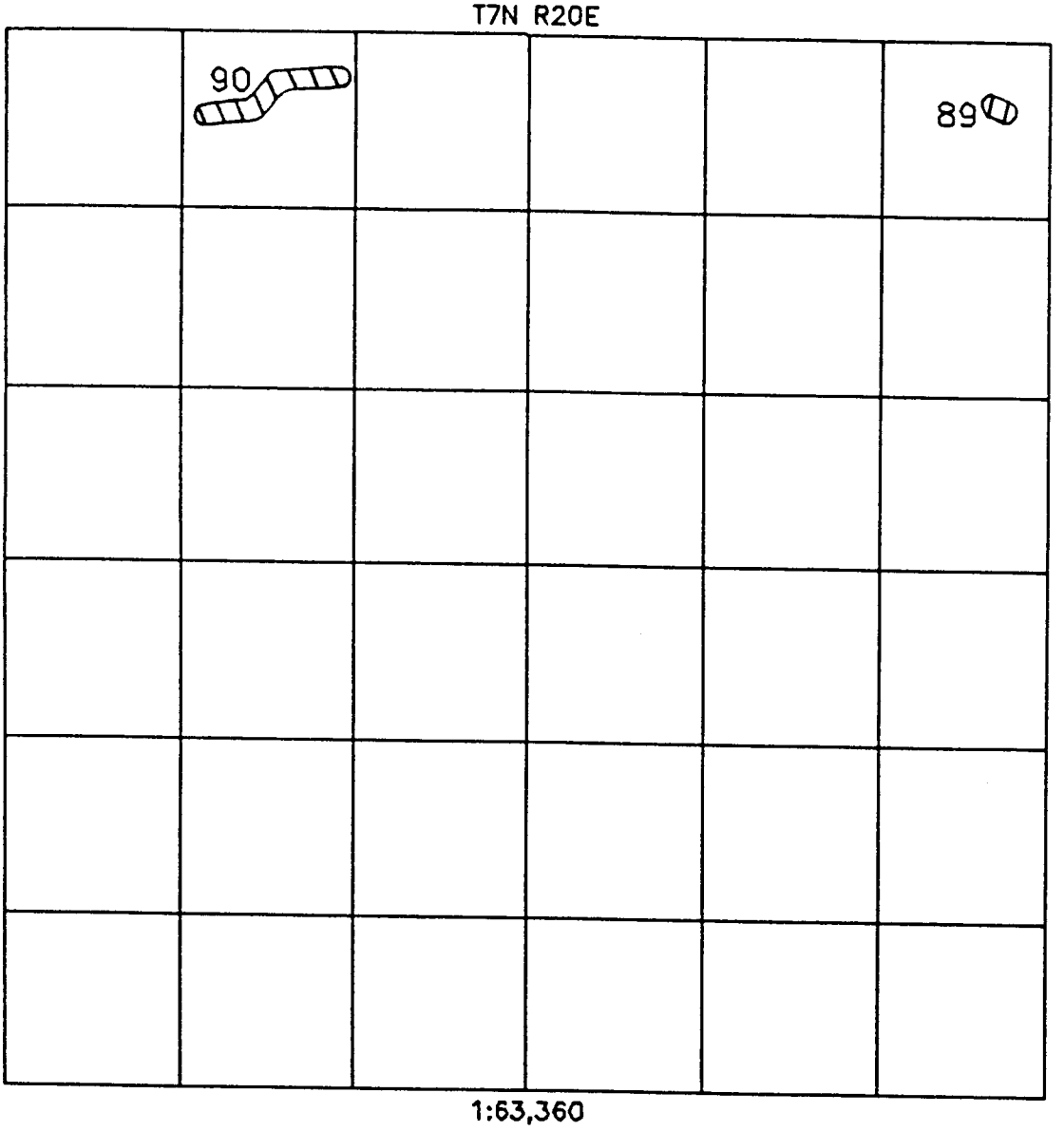
= slope mine site

= strip mine site

= other property



Coal Mining Related Properties of Haskell County 1990



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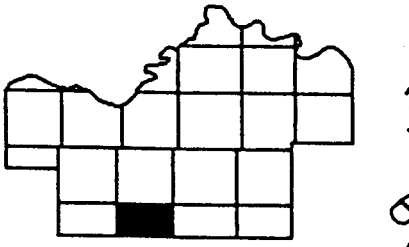
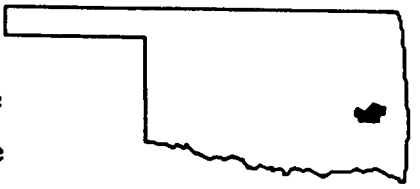


= shaft mine site

= slope mine site

= strip mine site

= other property



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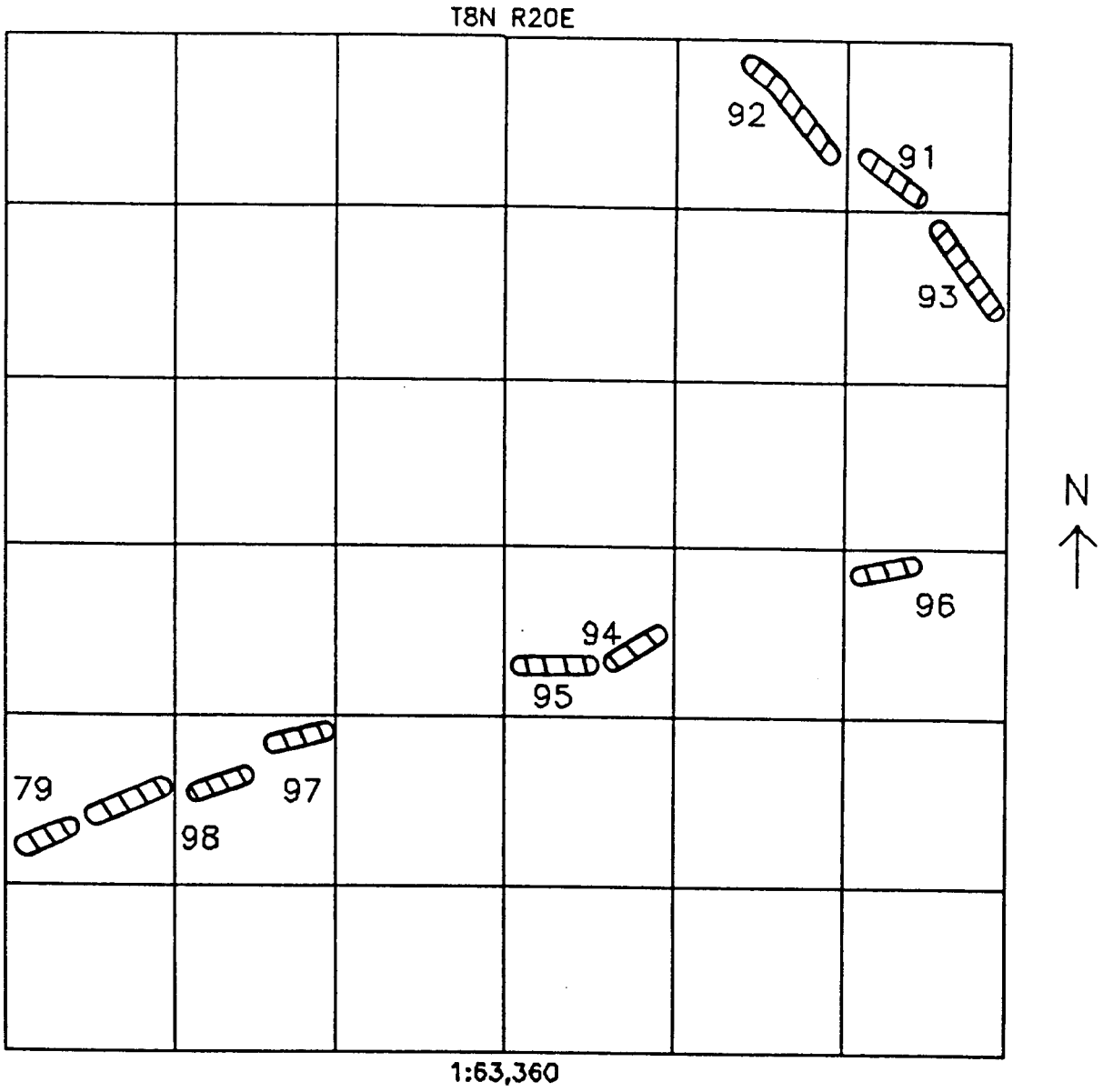

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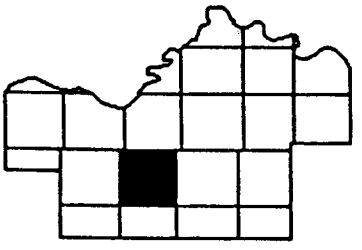
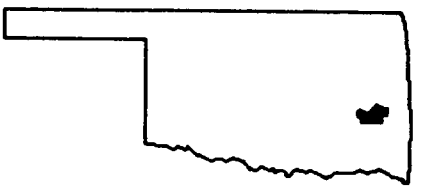


= shaft mine site

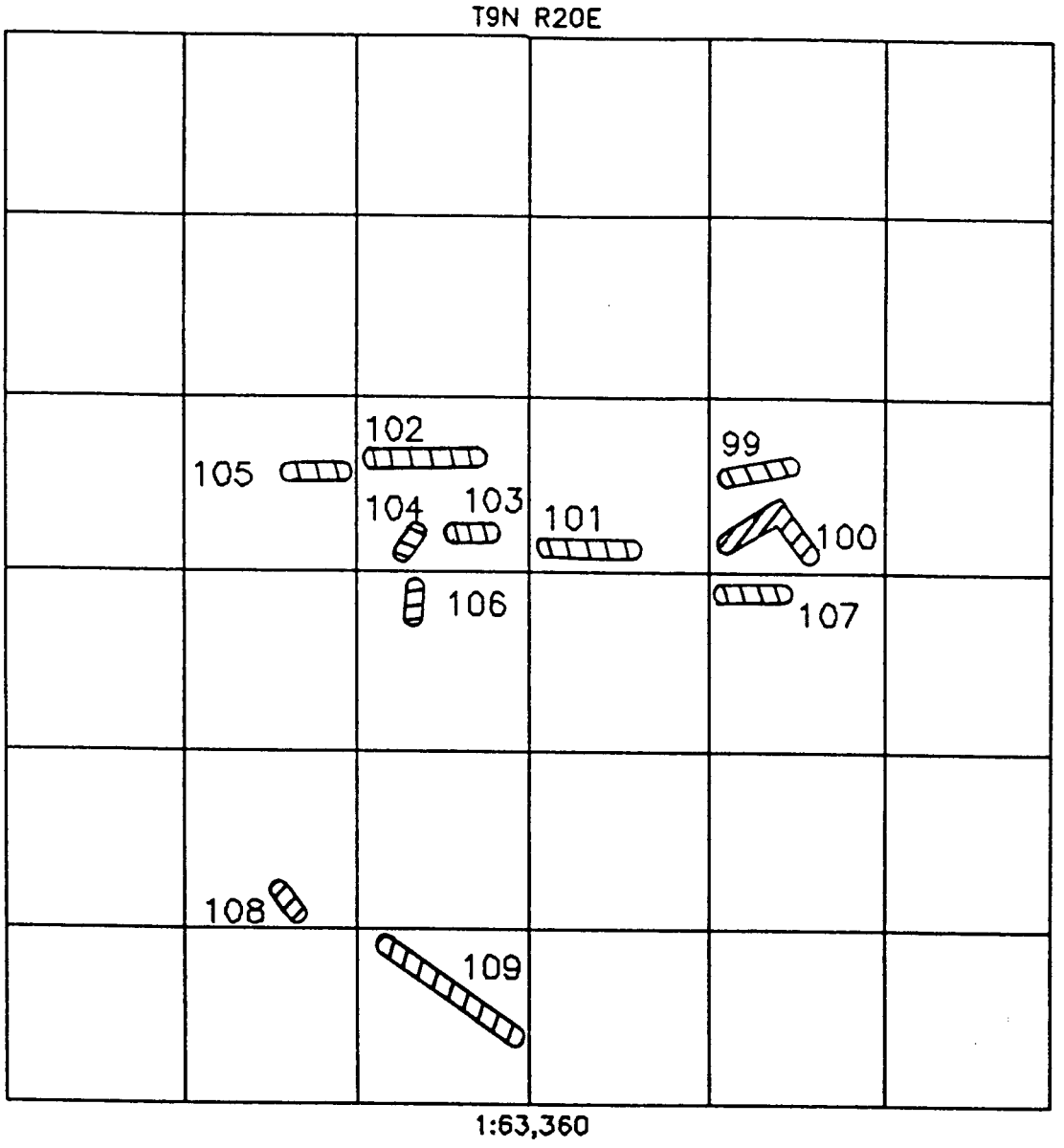
= slope mine site

= strip mine site

= other property



Coal Mining Related Properties of Haskell County 1990



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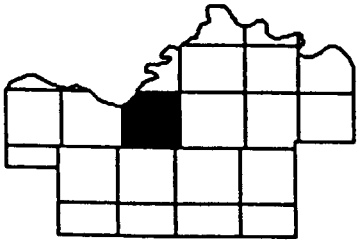

= shaft mine site

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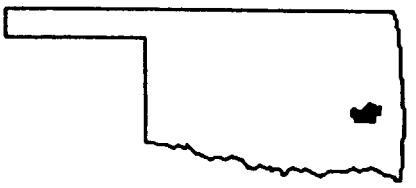
= strip mine site

= other property



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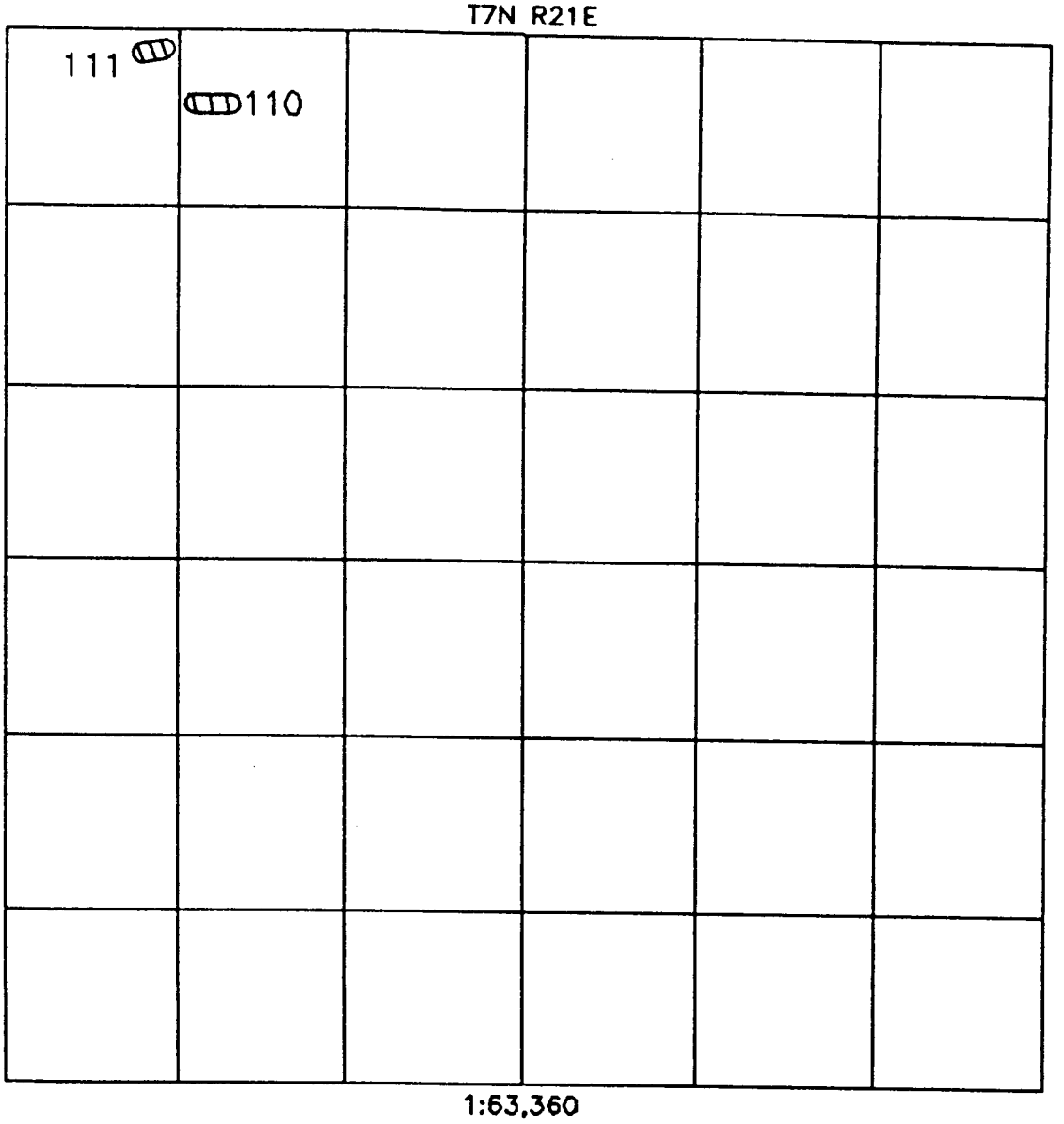

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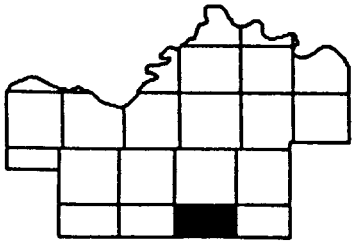

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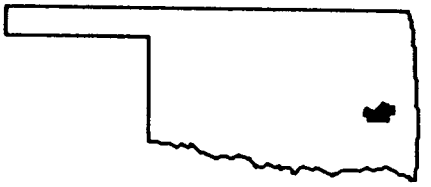

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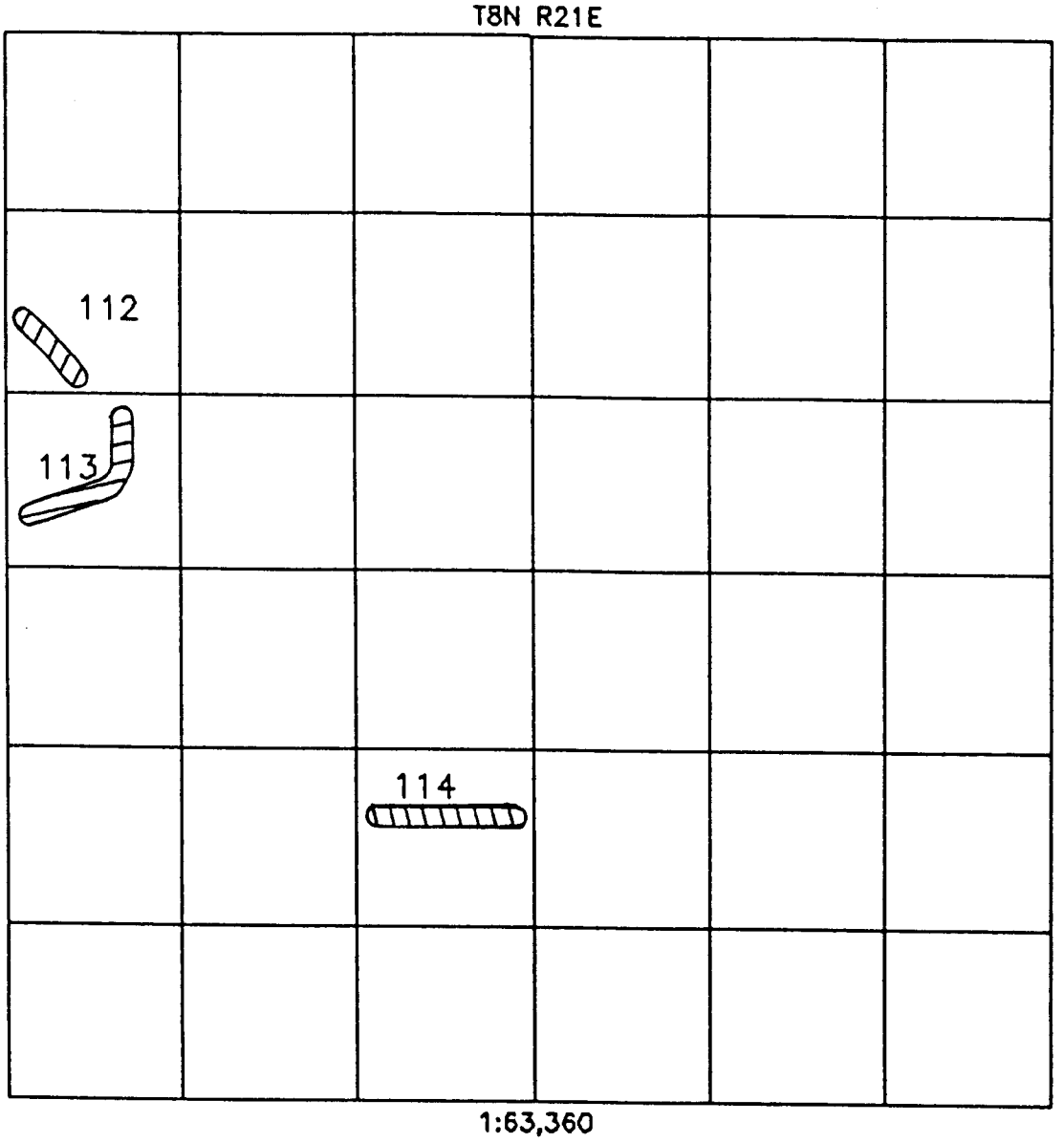

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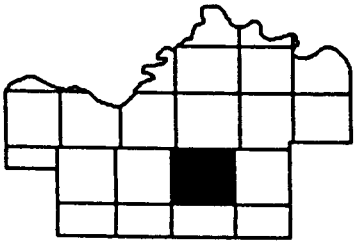

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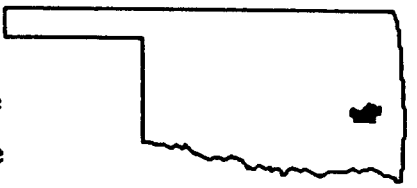

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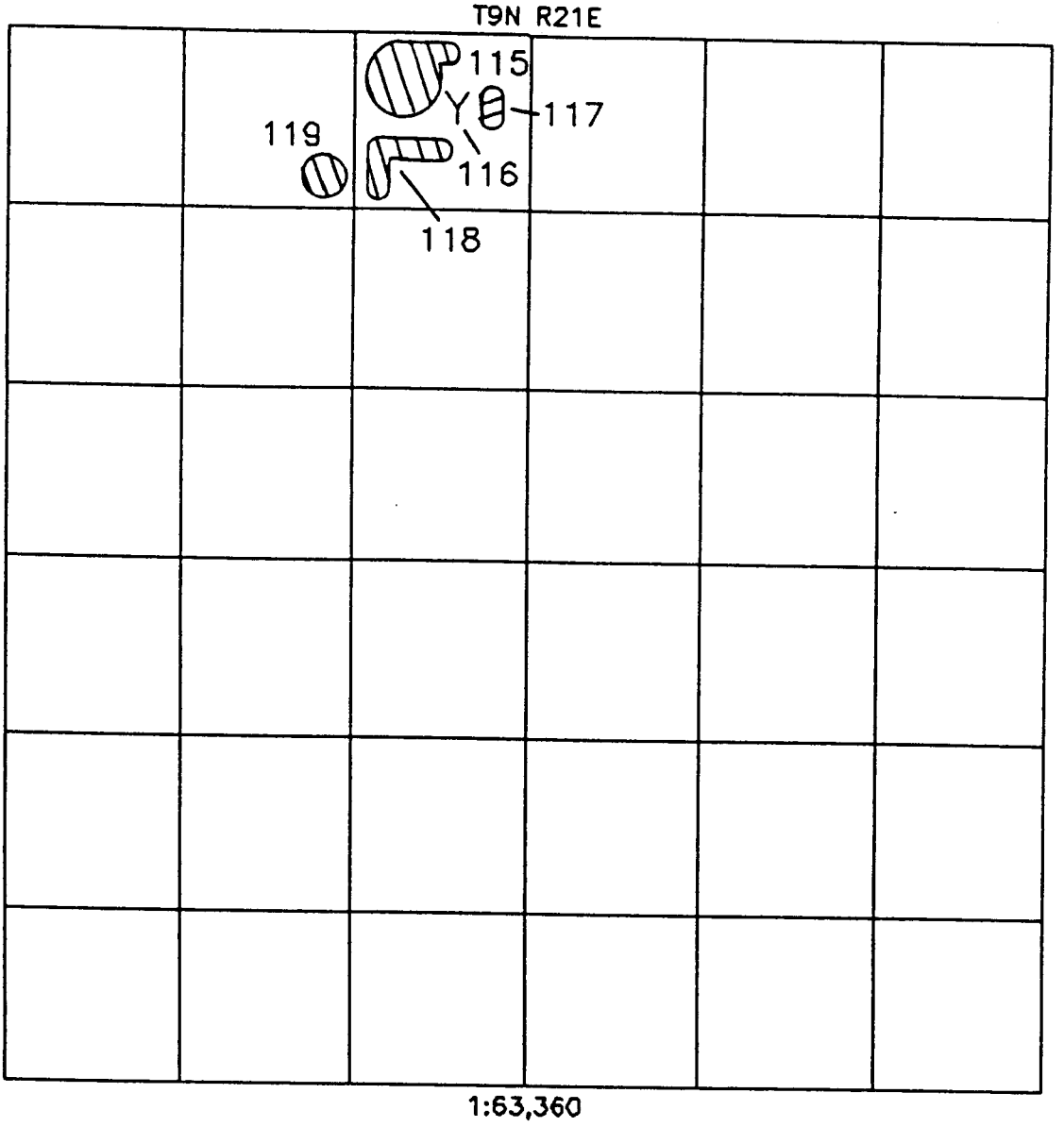

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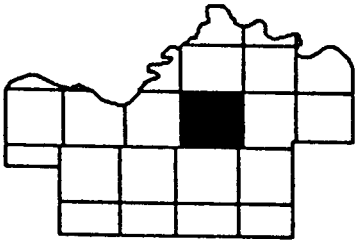

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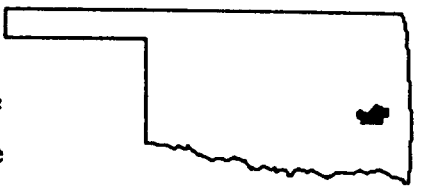

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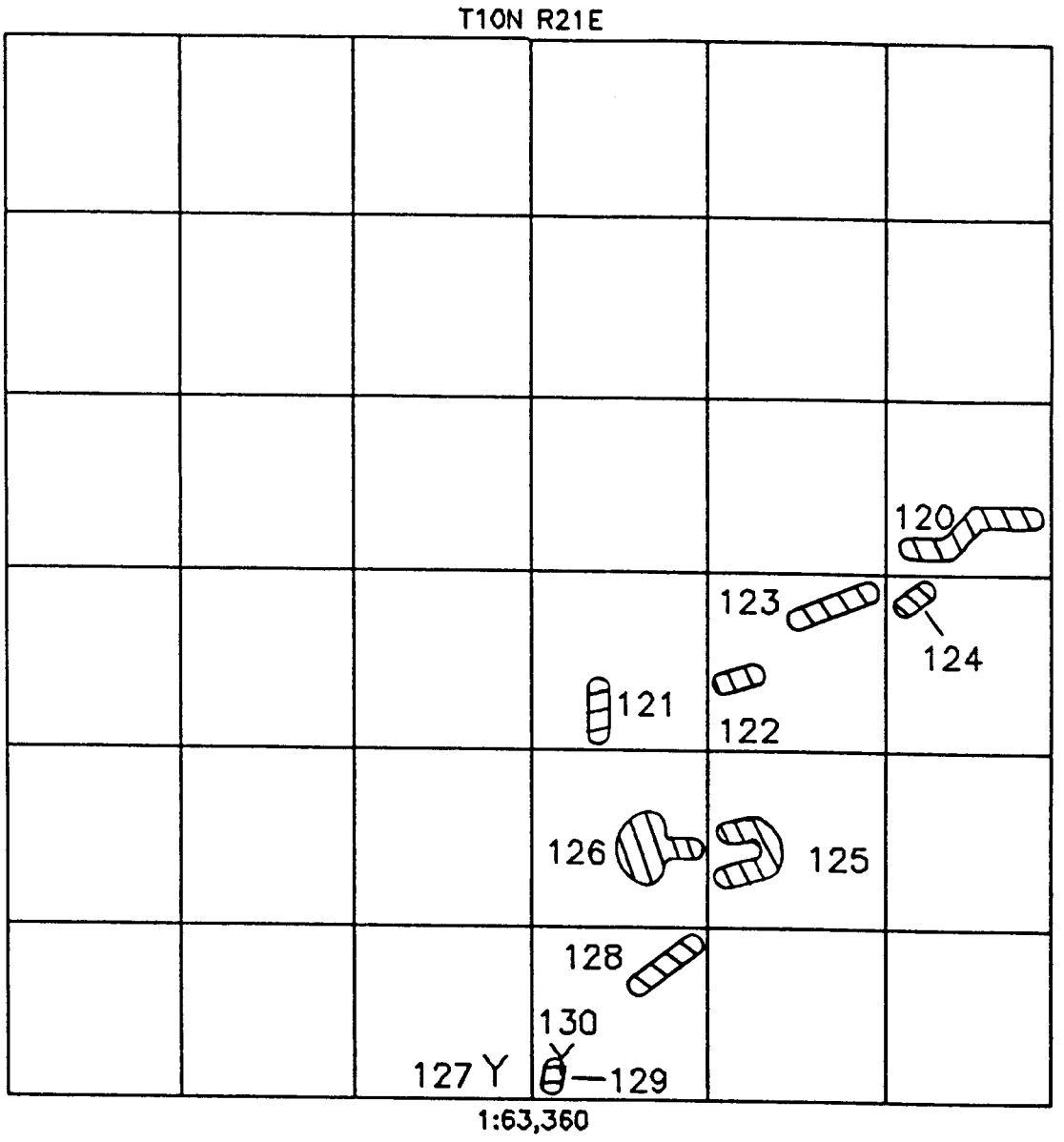

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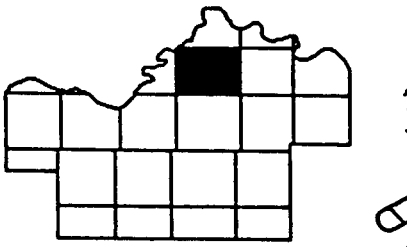

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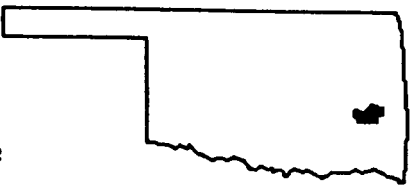

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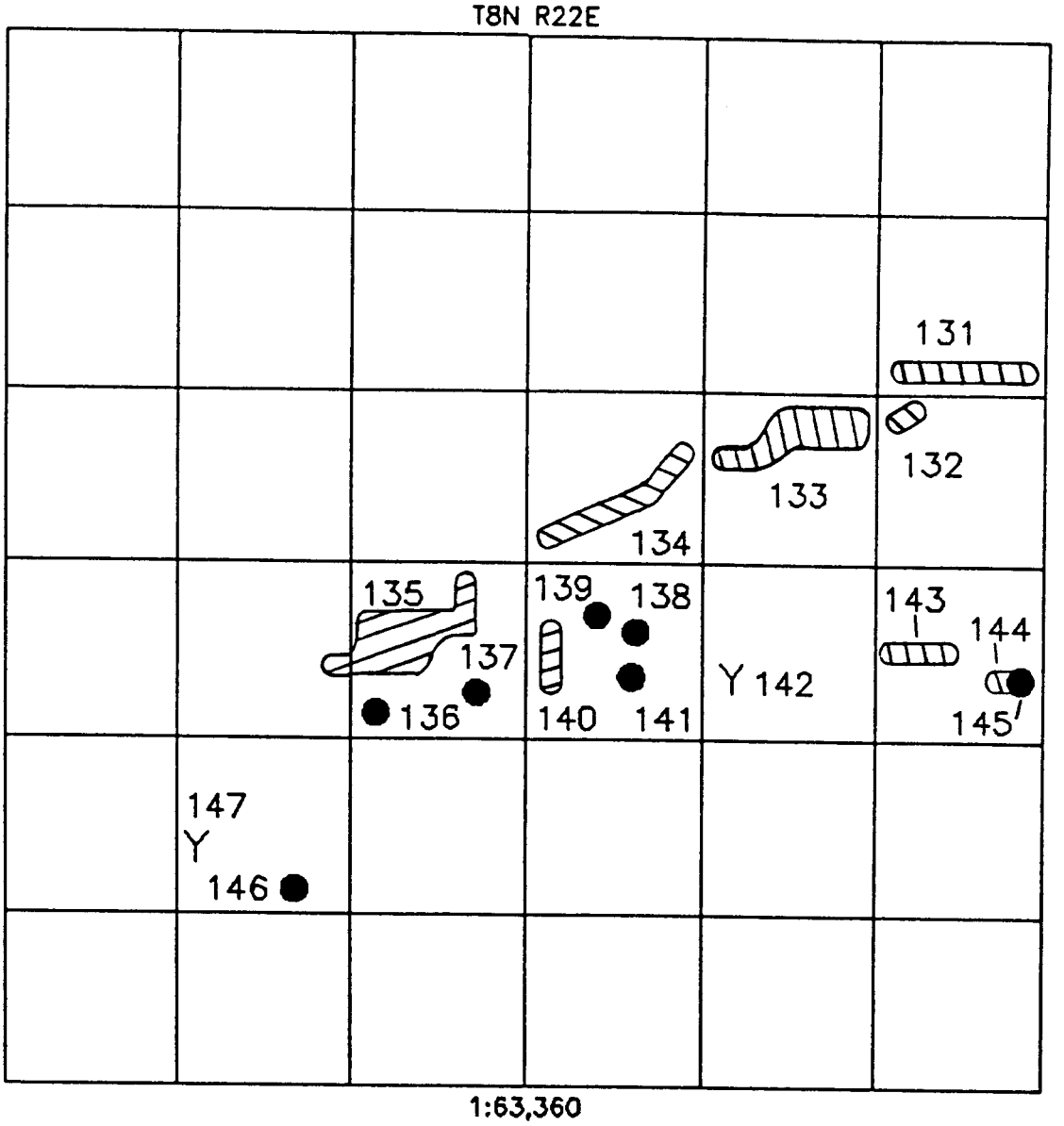
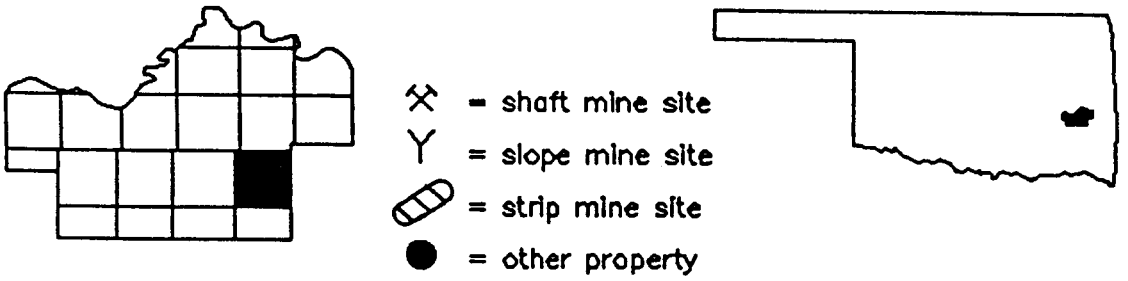


Oklahoma Historic Preservation Survey

Oklahoma State University



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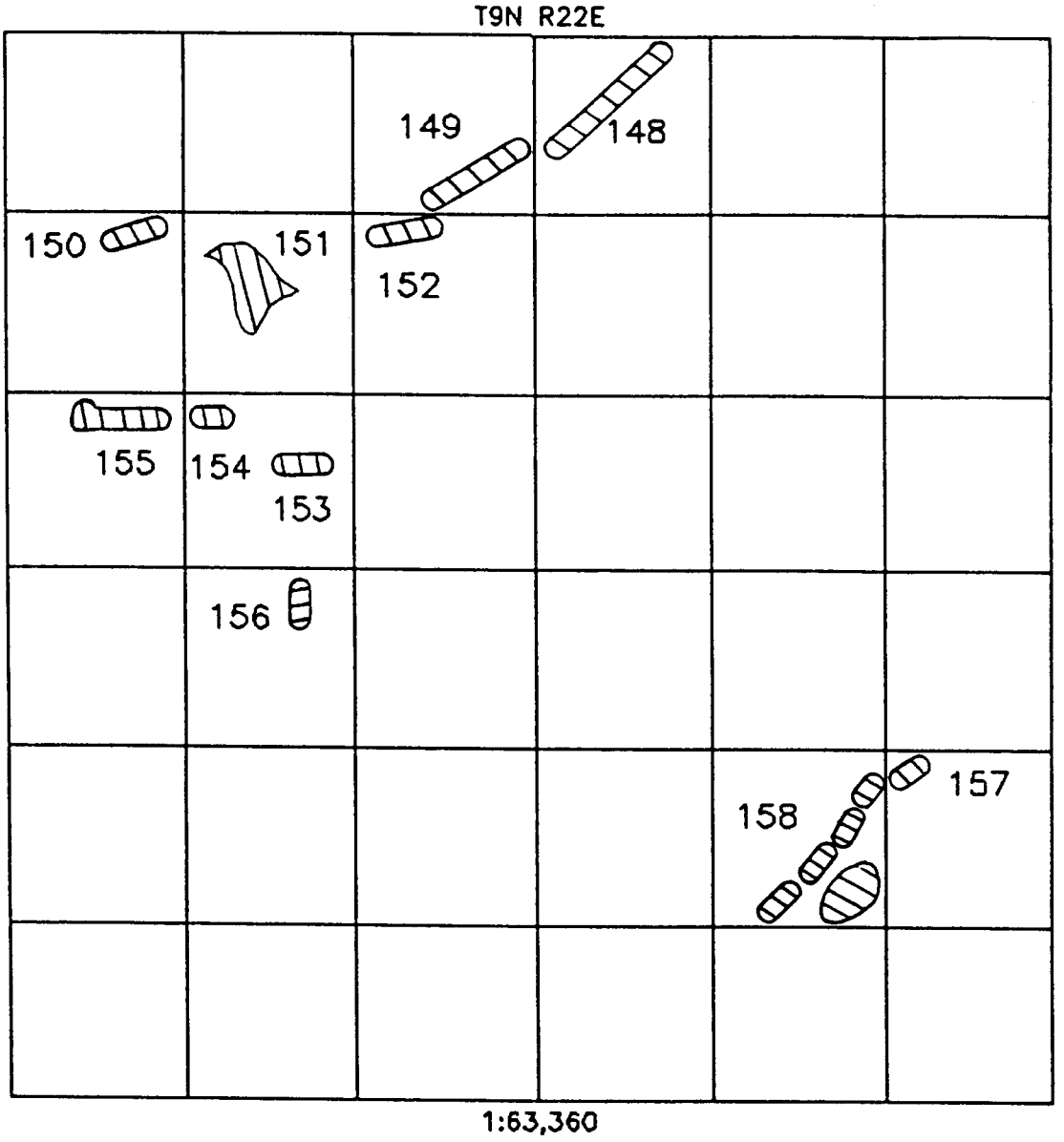

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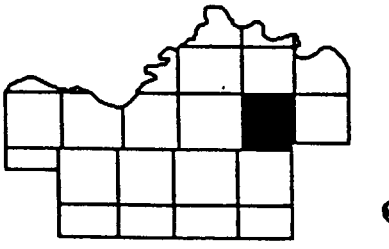
Oklahoma State University



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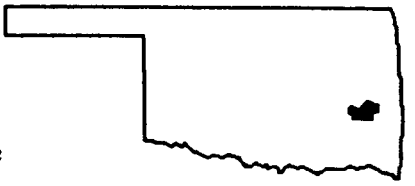

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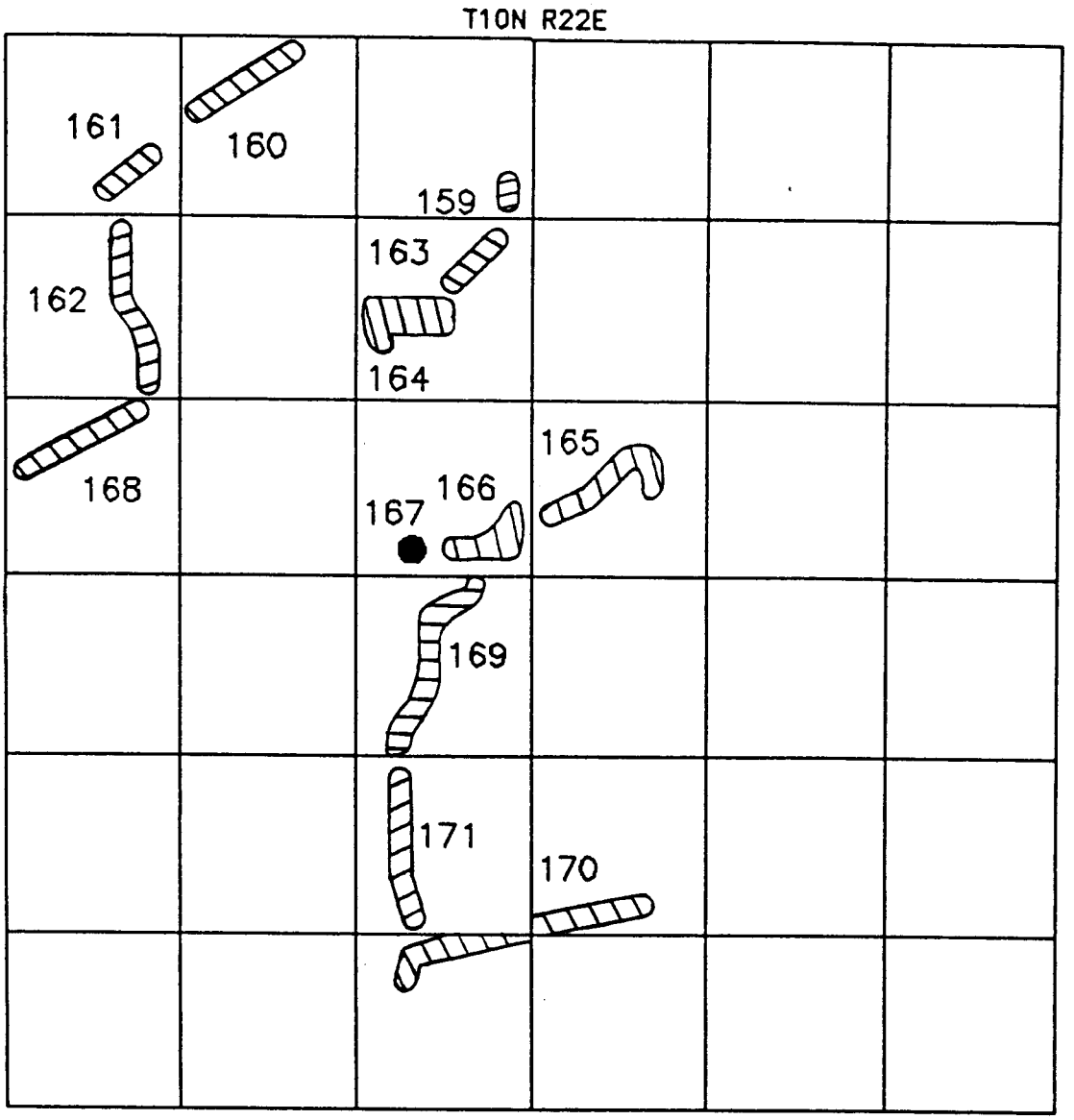
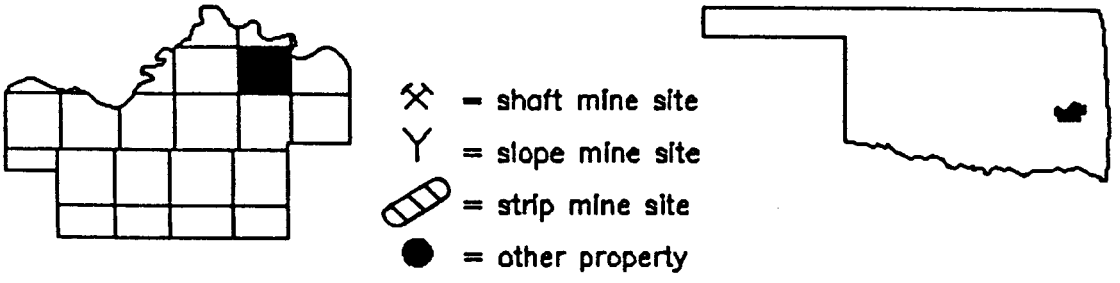


Oklahoma Historic Preservation Survey

Oklahoma State University



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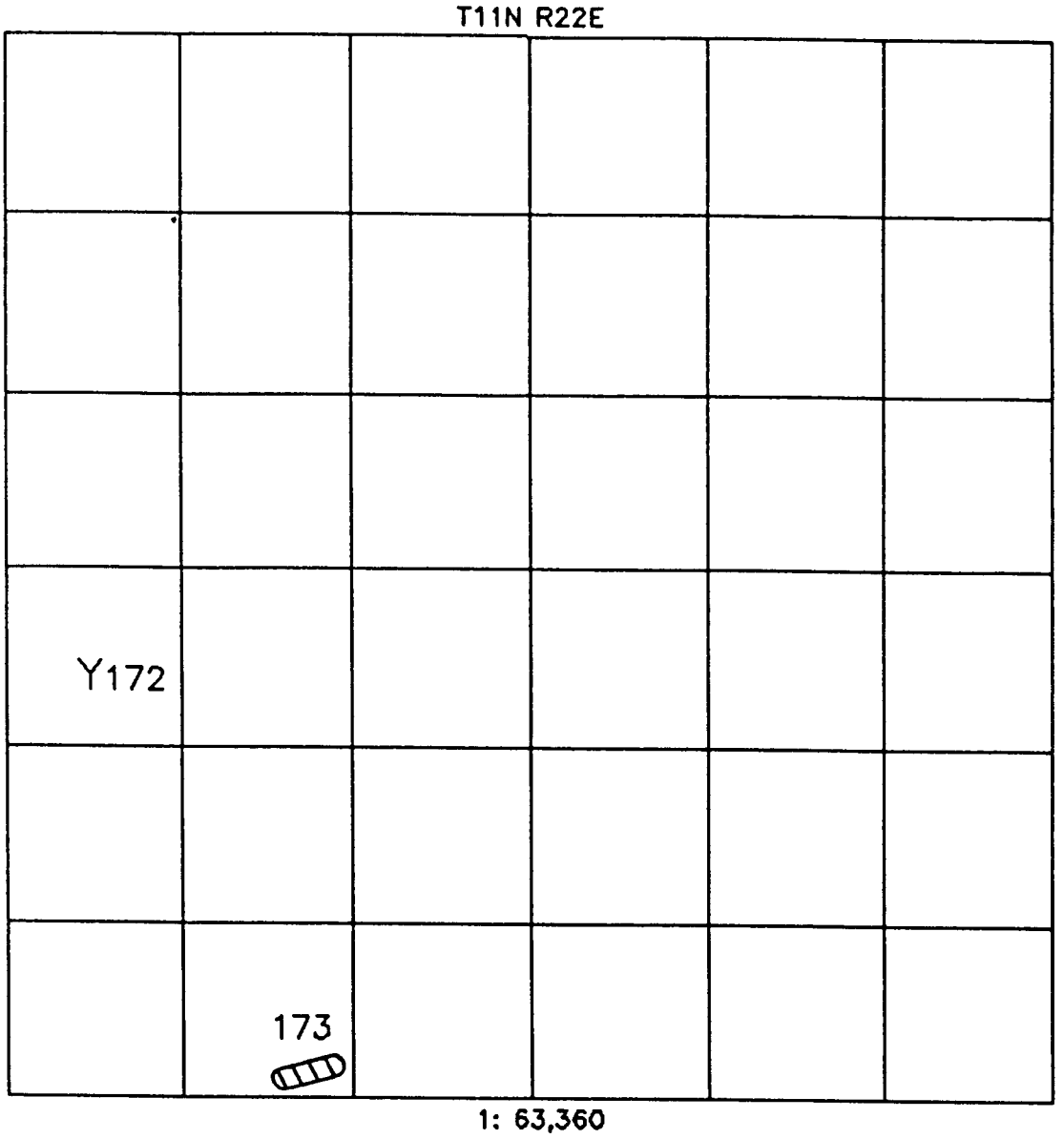

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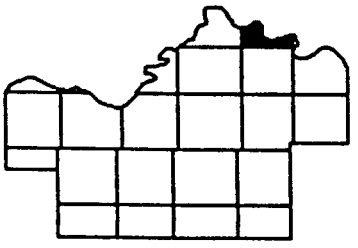
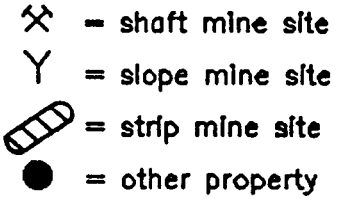
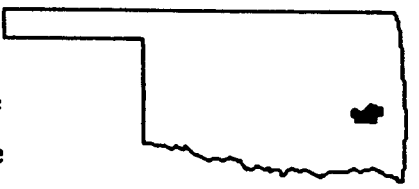
Oklahoma State University







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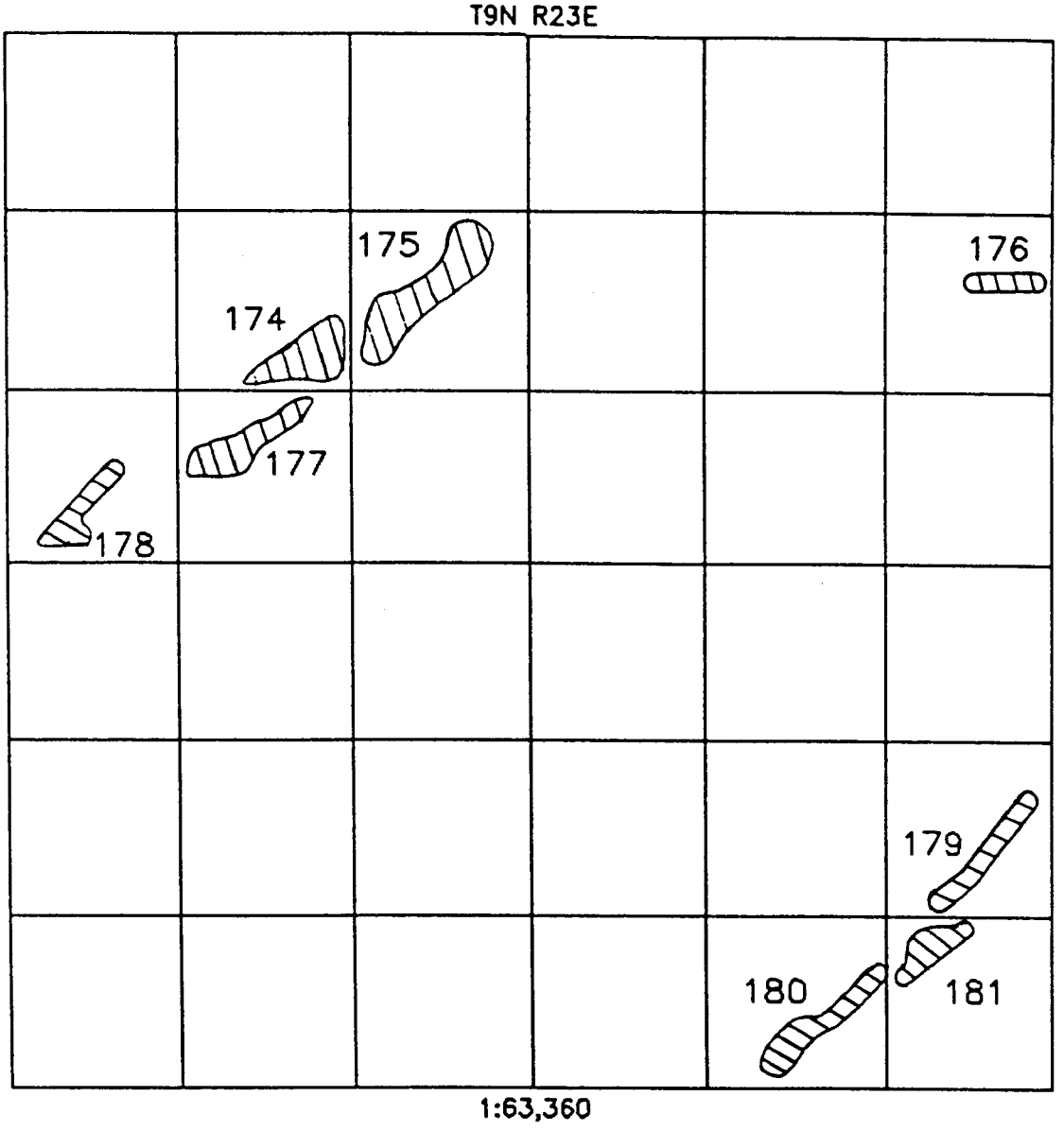

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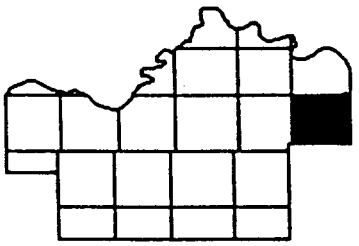

= shaft mine site

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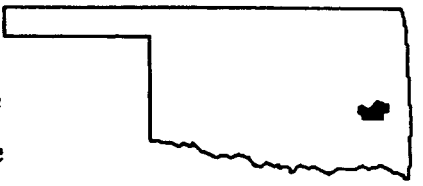
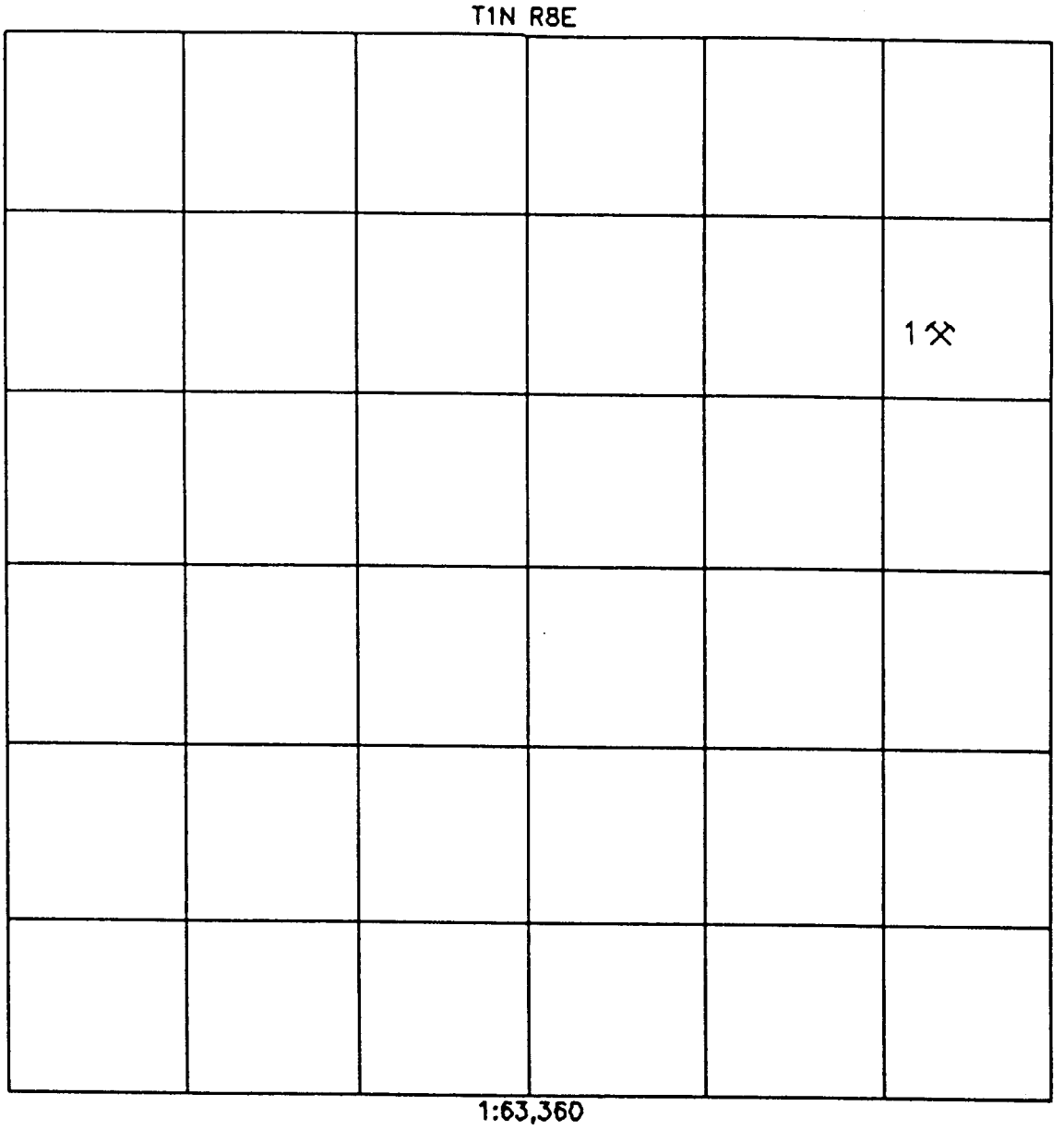
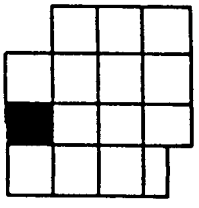


Coal Mining Related Properties of Coal County 1990



Oklahoma Historic Preservation Survey

Oklahoma State University



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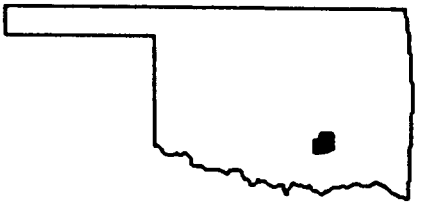

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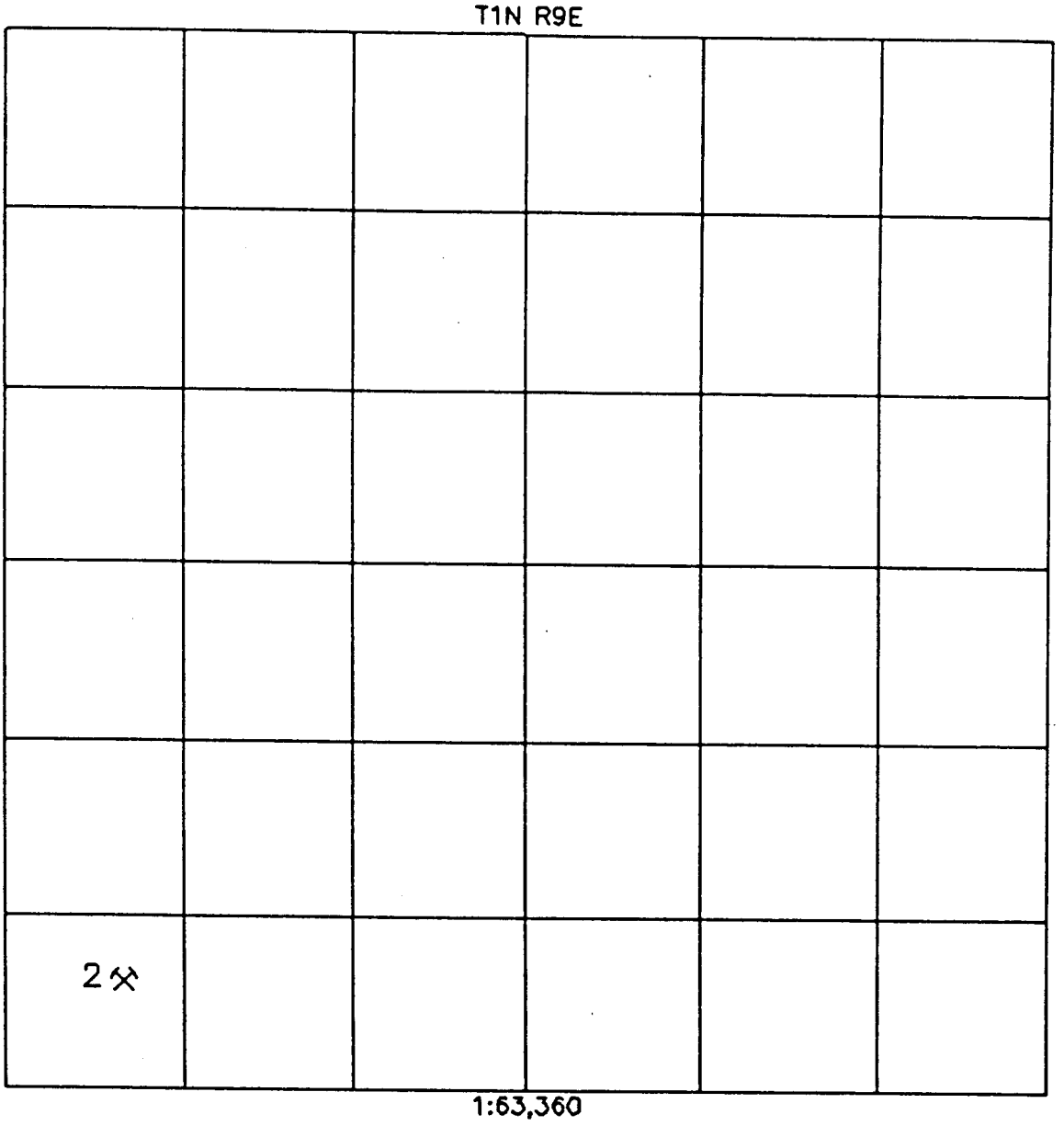

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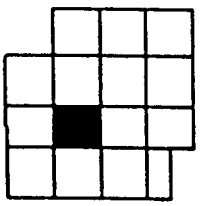

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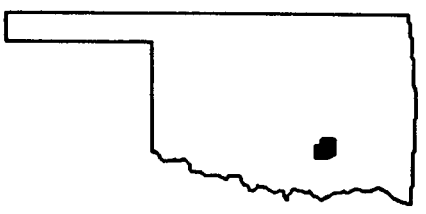

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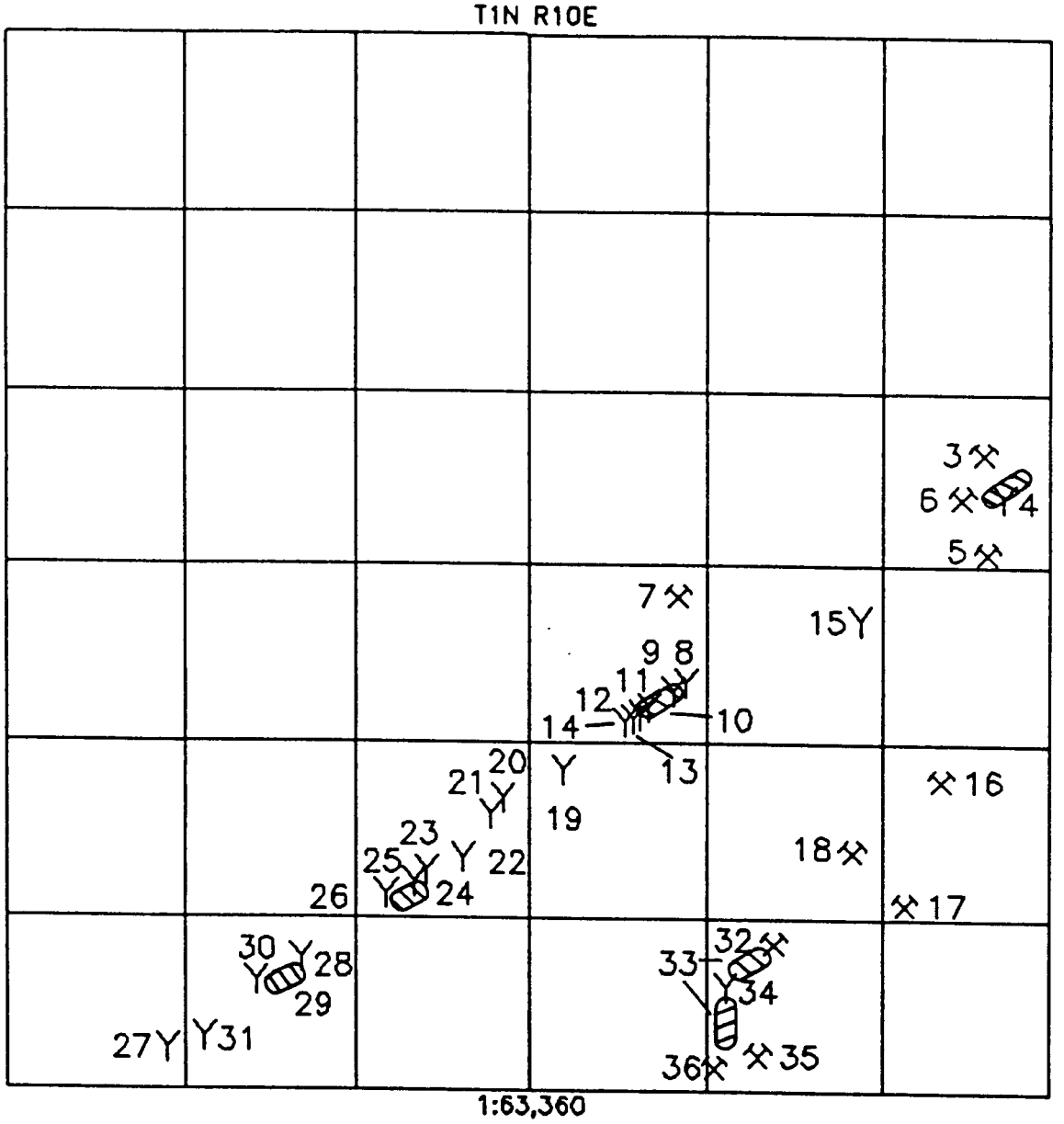

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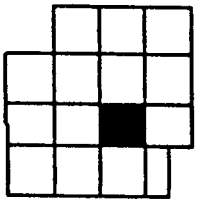

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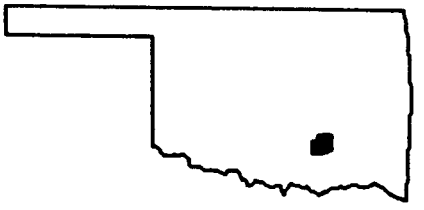

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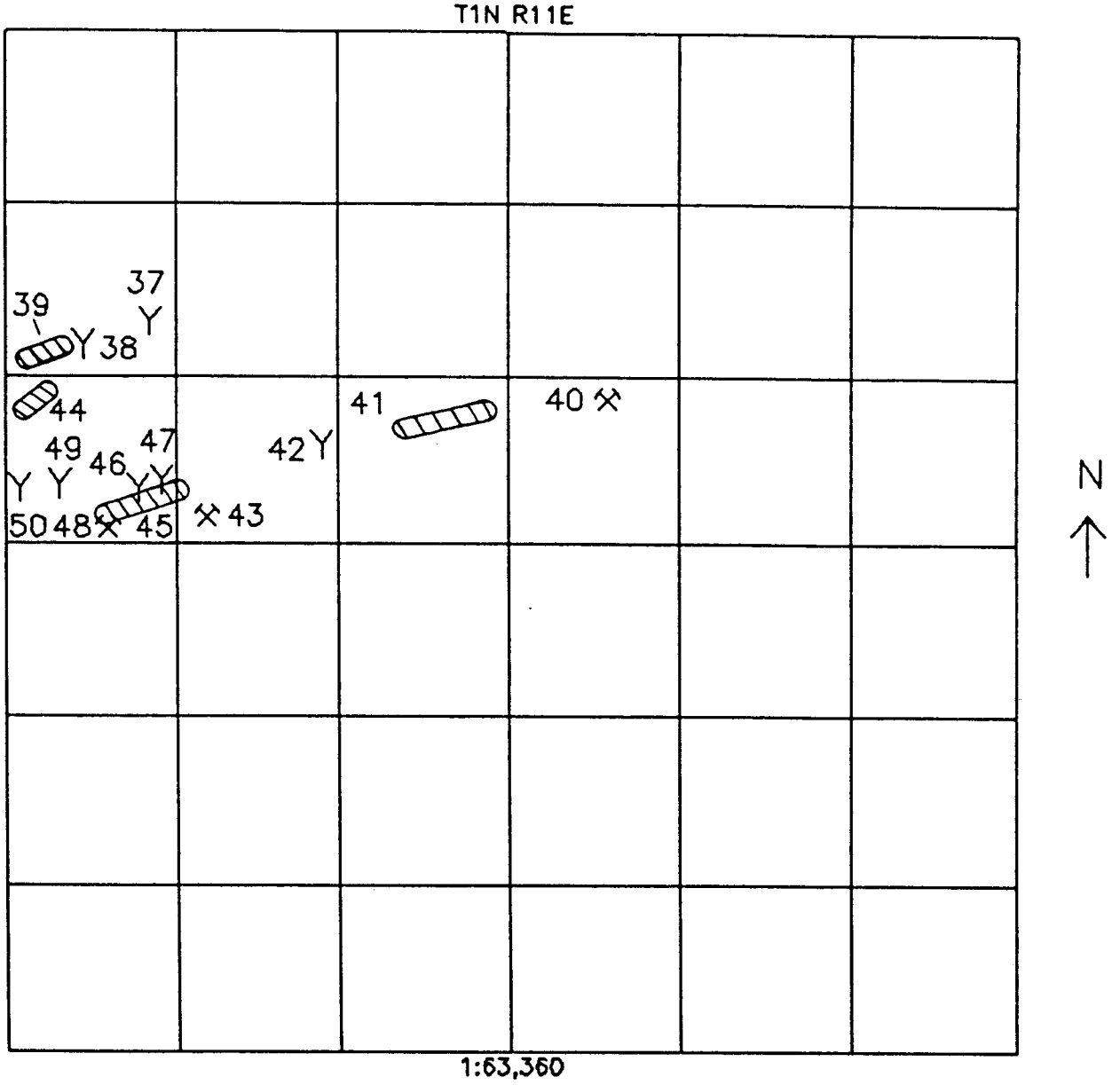

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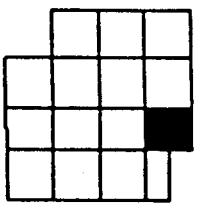

⚒ = shaft mine site

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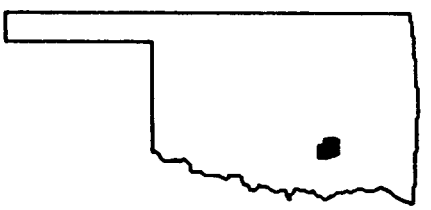

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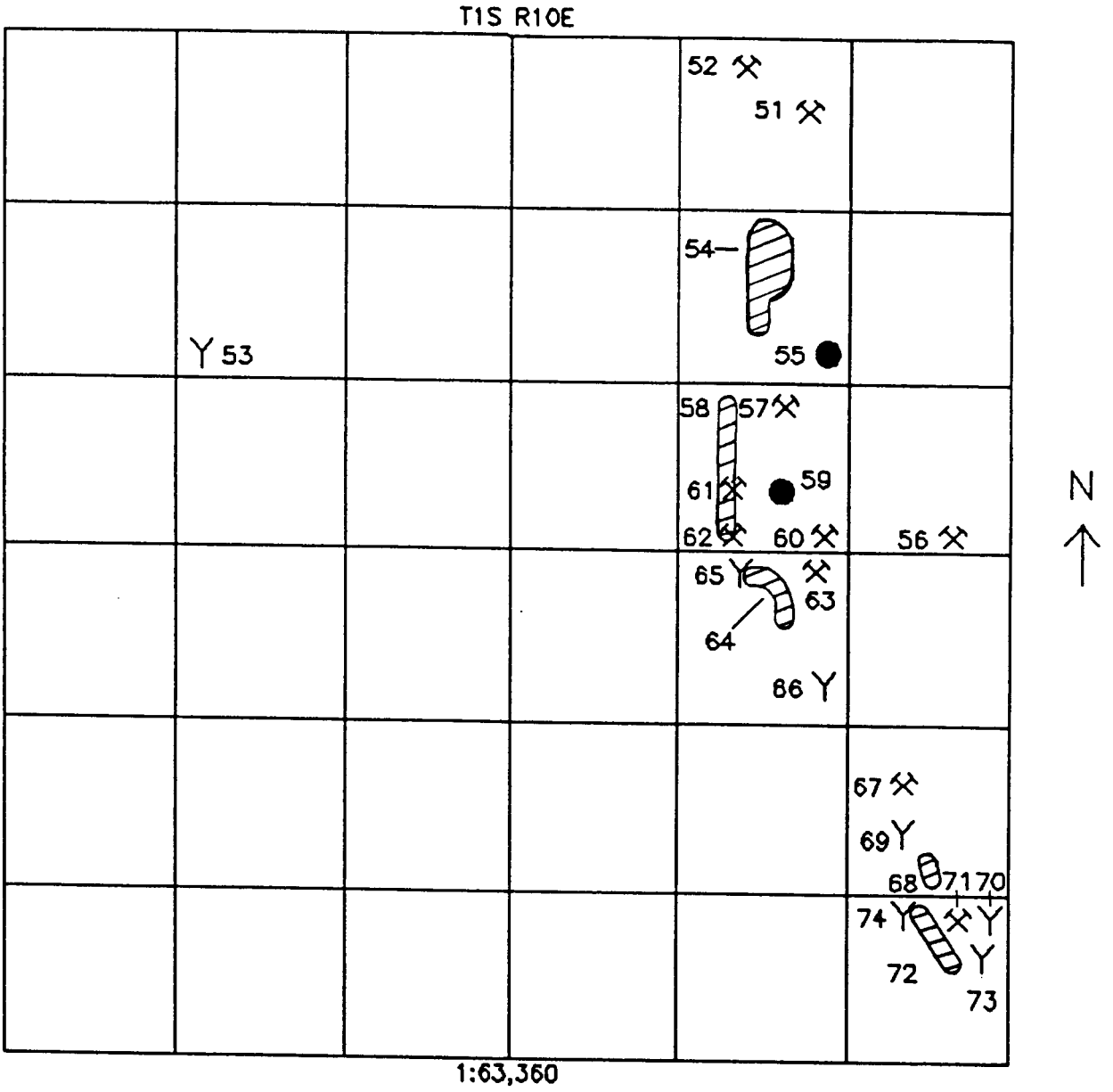

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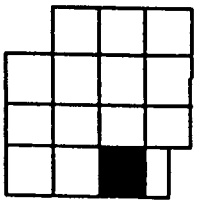

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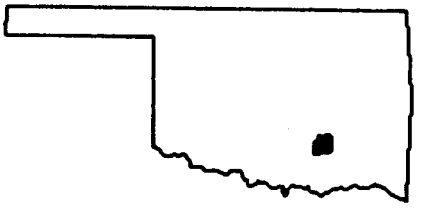

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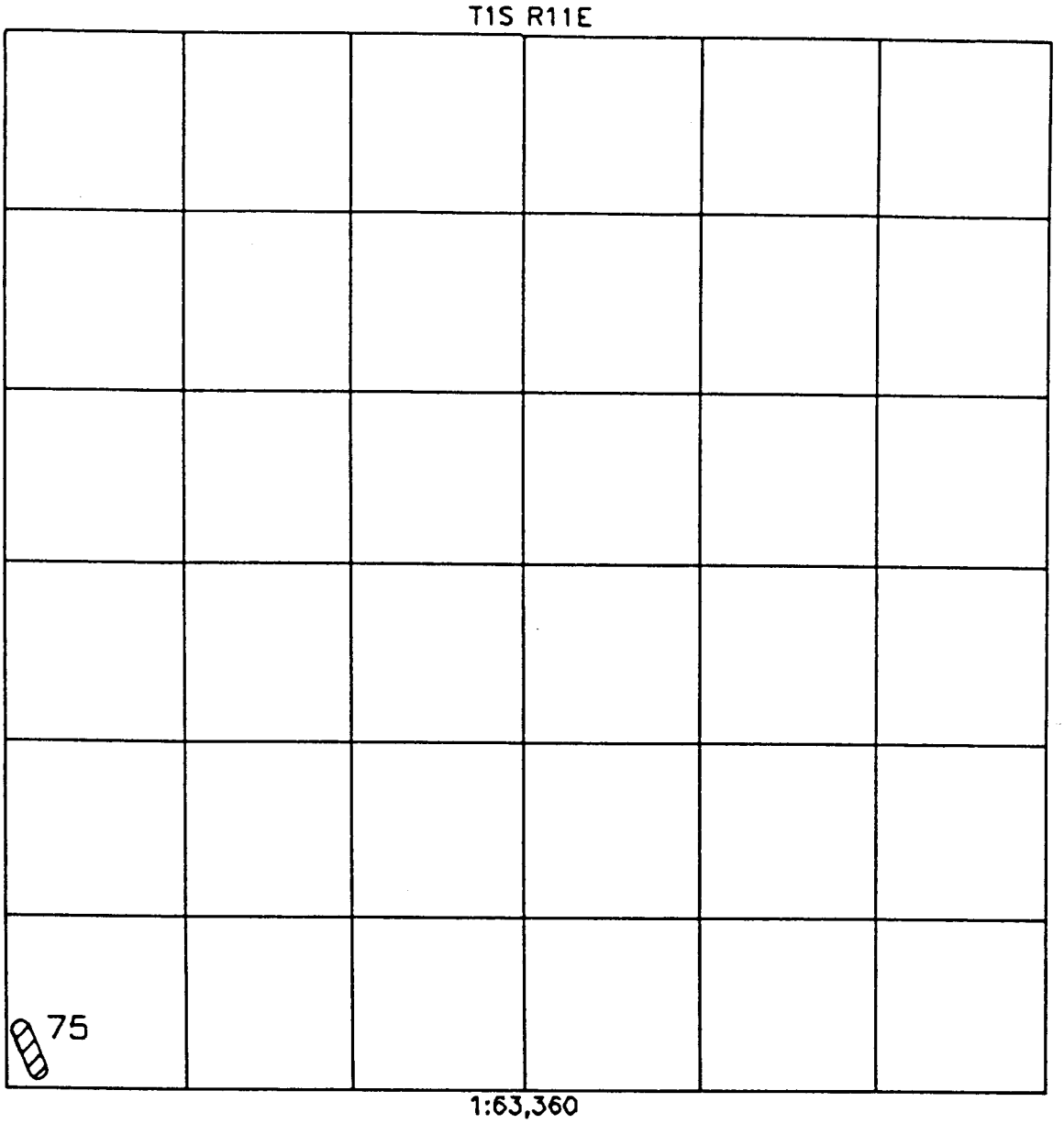

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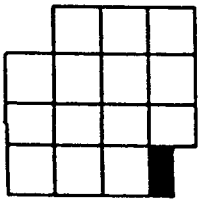

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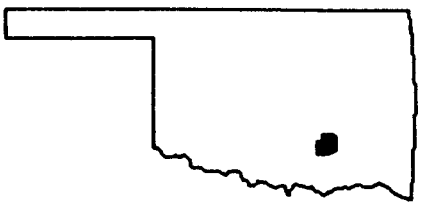


INDIVIDUAL PROPERTIES AND DISTRICTS WARRANTING FURTHER STUDY

Individual Properties

Determining the potential National Register of Historic Places eligibility of individual coal mining related properties presents a rather difficult task. By their very nature, mining operations were built to be temporary, existing only as long as coal could be profitably exploited. Thus, they were often crudely and inexpensively constructed. In the case of strip mining, easily transported excavation equipment was all that was required. Also, the deterioration, salvaging, and vandalism of these properties have taken their toll. These factors explain why few extant buildings and structures survive.

Obviously, the absence of such resources complicates the application of National Register criteria for integrity. Fortunately, Bruce J. Noble Jrs.'s "A National Register Perspective: Evaluating Historic Mining Resources" in CRM Bulletin, volume 12, number 2 (1989):1-4, offers preliminary guidance. In this article, Noble provides a framework for evaluating mining related resources which the survey utilized in assessing the degree to which a property having virtually no standing buildings or structures retained its integrity.

Borrowing from National Register Bulletin #30, How to Identify, Evaluate, and Register Rural Historic Landscapes, the definition of integrity used in making determinations incorporated the concept that eligible historic landscapes include tangible imprints resulting from historic land use activities. Also applied were the concepts of visibility and focus which Noble explains in reference to National Register Bulletin #36, Historic Archeological Properties: Guidelines for Their Evaluation. Visibility refers

to the actual surface resources, while focus concerns a pattern of impressions on the earth which remain evident even in the absence of above-ground resources.

Using these principles, it became clear that a coal mining related property without extant buildings or structures would retain its integrity only to the degree that the surviving resources left a clear impression on the landscape that mining had once occurred at that location. Making such a determination, especially for slope and shaft mine sites, often was a function of the number of ruins at the site. A single dump pile, for instance, could hardly be defined as leaving a clear impression of past mining activity, Yet, a dump pile occurring in conjunction with engine mounts, a mine entrance, building foundations, or any combination of these could leave such an impression. In other words, the site would retain its integrity and thus be potentially eligible.

Determining the integrity of strip mining sites is more problematical. Surface mining involved exposing coal seams simply by removing overburden using standard excavation techniques. Many of the structures and buildings associated with underground were unnecessary, as scrappers and steamshovels did most of the work. Therefore, one can not expect to find concentrations of inter-related resources at strip mine sites. Often, all that remains is a long narrow strip pits bordered by spoil piles consisting of the overburden. Still, these impressions on the landscape unmistakable and clearly the result of man-made activity. If these pits remained ungraded, or otherwise reclaimed, they were classified as maintaining their integrity. Such an approach seems consistent with the guidelines offered by Noble.

While confident that this survey addressed the rather difficult question

of integrity accurately and consistently, it is abundantly clear that more formalized guidelines for dealing with mining related resources are in order. Care should be taken that coal mining be included in any such guidelines, along with hard rock mining to which Noble specifically refers.

The list below contains the individual properties deemed worthy of further study for possible inclusion on the National Register. Its format is the same as in the section listing all documented properties, so that section may be consulted as a key for the information provided. The maps depicting the location of these properties also follow that section.

Name:
Location:
Negative: Map Coordinate:

MK&T #2 Shaft Mine Site — 3
Coalgate Vicinity
Sec 13, SW4 of NE4, T1N, R10E
13 P2CM 24, 25, 26

MK&T #10 Shaft Mine Site — 5
Coalgate Vicinity
Sec 13, SW4 of SE4, T1N, R10E
13 P2CM 27, 28, 29, 31, 33, 34, 36;14 P2CM 14

Coalgate #5 Shaft Mine Site — 7
Coalgate Vicinity
Sec 22, NE4 of NE4, T1N R10E
12 P2CM 12, 13, 14

Coalgate #2 Slope Mine Site (Entry 5) — 8
Coalgate Vicinity
Sec 22, NE4 of SE4, T1N, R10E
13 P2CM 6

Coalgate #2 Slope Mine Site (Entry 6) — 9
Coalgate Vicinity
Sec 22, NE4 of SE4, T1N, R10E
13 P2CM 9

Unidentified Strip Mine Site #72 — 10
Coalgate Vicinity
Sec 22, NW4 of SE4, T1N, R10E
13 P2CM 10, 13, 14

Coalgate #2 Slope Mine Site (Entry 1) — 11
Coalgate Vicinity
Sec 22, SW4 of SE4, T1N, R10E
13 P2CM 18, 19, 20

Coalgate #2 Slope Mine Site (Entry 2) — 12
Coalgate Vicinity
Sec 22, SW4 of SE4, T1N, R10E
13 P2CM 17

Coalgate #2 Slope Mine Site (Entry 3) — 13
Coalgate Vicinity
Sec 22, SW4 of SE4, T1N, R10E
13 P2CM 17

Name: Location: Negative:	Map Coordinate:
Coalgate #2 Slope Mine Site (Entry 4) Coalgate Vicinity Sec 22, SW4 of SE4, T1N, R10E 13 P2CM 16	14
Peters Coal Co. Slope Mine Site Coalgate Vicinity Sec 23, SE4 of NE4, T1N, R10E 12 P2CM 1, 2, 3, 4	15
MK&T New #12 Shaft Mine Site Coalgate Vicinity Sec 25, NE4 of NW4, T1N, R10E 12 P2CM 7	16
MK&T Old #4 Shaft Mine Site Coalgate Vicinity Sec 26, NE4 of SE4, T1N, R10E 12 P2CM 9, 10	18
Coalgate #3 Slope Mine Site Coalgate Vicinity Sec 27, NW4 of NW4, T1N, R10E 9 P2CM 19, 20	19
Coalgate #4 slope Mine Site (1st Entry) Coalgate Vicinity Sec 28, SE4 of NE4, T1N, R10E 9 P2CM 12, 13	20
Coalgate #4 Slope Mine Site (2nd Entry) Coalgate Vicinity Sec 28, SE4 of NE4, T1N, R10E 9 P2CM 14, 15	21
Unidentified Strip Mine Site #1 Coalgate Vicinity Sec 28, SE4 of SW4, T1N, R10E 7 P2CM 23, 24	24
Keystone #1 Slope Mine Site Coalgate Vicinity Sec 28, SW4 of SW4, T1N, R10E 9 P2CM 7, 8	26

Name:
Location:

Negative:	Map Coordinate:
Hazelton #3 Slope Mine Site Coalgate Vicinity Sec 32, NW4 of NE4, T1N, R10E 8 P2CM 24, 25	28
Hazelton #2 Slope Mine Site Coalgate Vicinity Sec 32, NW4 of SW4, T1N, R10E 8 P2CM 22, 23	31
Hazelton #1 Slope Mine Site Coalgate Vicinity Sec 32, SE4 of NW4, T1N, R10E 7 P2CM 19	30
Unidentified Shaft Mine Site #4 Tupelo Vicinity Sec 12, NE4 of SW4, T1N, R8E	1
Unidentified Slope Mine Site #1 Clarita Vicinity Sec 30, SW4 of NE4, T1N, R9E 9 P2CM 35	2
Unidentified Strip Mine Site #3 Coalgate Vicinity Sec 35, NE4 & NW4 & SW4 of NW4, NW4 & SW4 of SW4, T1N, R10E 9 P2CM 29	33
MK&T New #4 Shaft Mine Site Coalgate Vicinity Sec 35, NE4 of NW4, T1N, R10E 9 P2CM 27, 28	32
Folsom-Morris #7 Shaft Mine Site Coalgate Vicinity Sec 35, SE4 of SW4, T1N, R10E 9 P2CM 21, 22	35
Tom Jones Slope Mine Site Coalgate Vicinity Sec 35, SW4 of NW4, T1N, R10E 9 P2CM 31, 34	34
Folsom-Morris New #3 Shaft Mine Site Coalgate Vicinity Sec 35, SW4 of SW4, T1N, R10E 9 P2CM 23, 24, 25, 26	36

Name:
Location:
Negative: Map Coordinate:

Dunn Fuel & Lumber Co. Strip Mine Site 54
Lehigh Vicinity
Sec 11, NW4 & SW4 of NE4, NE4 & SE4 of NW4, NE4 of SW4, T1S, R10E
6 P2CM 34, 35

Folsom-Morris Air Shaft #5 Structure 55
Lehigh Vicinity
Sec 11, SE4 of SE4, T1S, R10E
7 P2CM 6, 7

Folsom-Morris #8 Shaft Mine Site 56
Lehigh Vicinity
Sec 13, SW4 of SE4, T1S, R10E
7 P2CM 10, 11, 12

Cooley Bros. Strip Mine Site 58
Lehigh Vicinity
Sec 14, NE4 & SE4 of NW4, NE4 & SE4 of SW4, T1S, R10E
7 P2CM 5

Unidentified Shaft Mine Site #1 61
Lehigh Vicinity
Sec 14, NE4 of SW4, T1S, R10E
7 P2CM 13, 14

Folsom-Morris #5 Shaft Mine Site 57
Lehigh Vicinity
Sec 14, NW4 of NE4, T1S, R10E
7 P2CM 32, 34

Merchants National Bank Building 59
Lehigh Vicinity
Sec 14, NW4 of SE4, T1S, R10E
9 P2CM 2, 3

Unidentified Shaft Mine Site #2 60
Lehigh Vicinity
Sec 14, SE4 of SE4, T1S, R10E
8 P2CM 1

Folsom-Morris New #4 Shaft Mine Site 62
Lehigh Vicinity
Sec 14, SE4 of SW4, T1S, R10E
7 P2CM 35, 36

Name:
Location:
Negative: Map Coordinate:

Davidson Shaft Mine Site 52
Coalgate Vicinity
Sec 2, NE4 of NW4, T1S, R10E
7 P2CM 25, 26, 27, 28, 30, 31

Folsom-Morris #6 Shaft Mine Site 51
Coalgate Vicinity
Sec 2, SE4 of NE4, T1S, R10E
6 P2CM 27, 28, 30

Folsom-Morris #8 Slope Mine Site 65
Lehigh Vicinity
Sec 23, NE4 of NW4, T1S, R10E
8 P2CM 7, 8

Atoka Coal & Mining Co. Strip Mine Site 64
Lehigh Vicinity
Sec 23, NW4 & SW4 of NE4, NE4 of NW4, T1S, R10E
8 P2CM 5

Unidentified Slope Mine Site #3 69
Lehigh Vicinity
Sec 25, NE4 of SW4, T1S, R10E
8 P2CM 21

Folsom-Morris New #1 Shaft Mine Site 67
Lehigh Vicinity
Sec 25, SE4 of NW4, T1S, R10E
8 P2CM 12, 13

J.L. Gaddo #3 Shaft Mine Site 70
Lehigh Vicinity
Sec 36, NE4 of NE4, T1S, R10E
15 P2CM 1, 2, 3, 5, 6, 8, 10

Pope Slope #1 Mine Site (Midway Coal Co) 74
Lehigh Vicinity
Sec 36, NE4 of NW4, T1S, R10E
8 P2CM 16, 18, 19

Unidentified Strip Mine Site #9 72
Lehigh Vicinity
Sec 36, NW4 & SE4 & SW4 of NE4, NE4 of NW4, T1S, R10E
11 P2CM 26, 27, 28;14 P2CM 34, 36

Name:
Location:
Negative: Map Coordinate:

Unidentified Slope Mine Site #2 — 53
Lehigh Vicinity
Sec 8, SW4 of SW4, T1S, R10E
6 P2CM 31, 32

Unidentified Strip Mine Site #5 — 40
Coalgate Vicinity
Sec 15, NW4 of NE4, T1N, R11E
11, P2CM 24, 26

Unidentified Strip Mine Site #6 — 41
Coalgate Vicinity
Sec 16, SE4 of NW4 and NE4, SE4 & SW4 of NE4, T1N, R11E
16 P2CM 17, 19, 20, 21

MK&T #21 Slope Mine Site — 42
Coalgate Vicinity
Sec 17, SE4 of NE4, T1N, R11E
16 P2CM 8, 9, 10, 11, 12, 14, 15

MK&T #17 Shaft Mine Site — 43
Coalgate Vicinity
Sec 17, SW4 of SW4, T1N, R11E
15 P2CM 17, 18, 20, 21

MK&T #17 1/2 Slope Mine Site — 47
Coalgate Vicinity
Sec 18, NE4 of SE4, T1N, R11E
14 P2CM 12

MK&T #19 Slope Mine Site — 46
Coalgate Vicinity
Sec 18, NE4 of SE4, T1N, R11E
14 P2CM 14, 15

"Gumbo" Strip Mine Site — 45
Coalgate Vicinity
Sec 18, NE4 of SE4 and NW4 of SE4 & NE4 of SW4;
Sec 17, NW4 of SW4, T1N, R11E
14 P2CM 22, 23

E.H. Noel Coal Co #1 1/2 Slope Mine Site — 49
Coalgate Vicinity
Sec 18, NE4 of SW4, T1N, R11E
14 P2CM 30; 15 P2CM 17

Name:
Location:

Negative:	Map Coordinate:
Unidentified Strip Mine Site #7 Coalgate Vicinity Sec 18, NW4 of NW4, T1N, R11E 15 P2CM 34, 36	44
E.H. Noel Coal Co. #1 Slope Mine Site Coalgate Vicinity Sec 18, NW4 of SW4, T1N, R11E 15 P2CM 15	50
Sandmann #2 Slope Mine Site Coalgate Vicinity Sec 7, NE4 of SE4, T1N, R11E 15 P2CM 27, 28, 29, 30, 31, 32, 33	37
Unidentified Strip Mine Site #4 Coalgate Vicinity Sec 7, SE4 & SW4 of SW4, T1N, R11E 16 P2CM 2, 5, 7	39
MK&T #14 Slope Mine Site Coalgate Vicinity Sec 7, SE4 of SW4, T1N, R11E 15 P2CM 24, 25, 26	38
Unidentified Strip Mine Site #10 Lehigh Vicinity Sec 31, SW4 of SW4, T1S, R11E 15 P2CM 11, 12	75
Hiland Coal Company Slope Mine Site Kinta Vicinity Sec 30, NW4 of SW4, T8N, R19E 10 P2CM 19, 20	80
Unidentified Strip Mine Site #13 Kinta Vicinity Sec 33, SW4 of SE4, SE4 & SW4 of SW4, T8N, R19E 10 P2CM 14, 15	81
Unidentified Strip Mine Site #14 Kinta Vicinity Sec 34, NW4 of SW4, T8N, R19E 10 P2CM 17	82

Name:
Location:
Negative: Map Coordinate:

Kinta Stripping Co. Strip Mine Site #2 — 83
Kinta Vicinity
Sec 35, SE4 of NE4; Sec 36 NE4 & NW4 of NE4,
NE4 & NW4 of NW4, T8N, R19E
10 P2CM 18

Unidentified Strip Mine Site #15 — 82
Kinta Vicinity
Sec 35, SE4 of NW4, T8N, R19E
10 P2CM 21

Unidentified Strip Mine Site #18 — 88
Whitefield Vicinity
Sec 33, NW4 of SE4, T9N, R19E
10 P2CM 7

Unidentified Strip Mine Site #12 — 77
Kinta Vicinity
Sec 1, SE4 & SW4 of SE4, SE4 & SW4 of SW4, T7N, R20E
10 P2CM 9, 10, 11

Unidentified Strip Mine Site #20 — 90
Kinta Vicinity
Sec 5, NE4 & NW4 of NE4, T7N, R20E
11 P2CM 9, 10

Unidentified Strip Mine Site #21 — 91
Stigler Vicinity
Sec 1, NW4 & SE4 & SW4 of SW4, T8N, R20E
10 P2CM 31

Unidentified Strip Mine Site #23 — 93
Stigler Vicinity
Sec 12, NW4 & SE4 & SW4 of NE4, T8N, R20E
10 P2CM 30

Unidentified Strip Mine Site #22 — 92
Stigler Vicinity
Sec 2, NE4 of SE4, SE4 & SW4 of NE4, NE4 & SE4 of NW4, T8N, R20E
11 P2CM 12, 13

Unidentified Strip Mine Site #24 — 95
Kinta Vicinity
Sec 22, NW4 of SE4, NE4 & NW4 of SW4, T8N, R20E
10 P2CM 25

Name:
Location:
Negative: Map Coordinate:

Unidentified Strip Mine Site #25 — 94
Kinta Vicinity
Sec 22, SE4 of NE4, NE4 of SE4, T8N, R20E
10 P2CM 26

Unidentified Strip Mine Site #26 — 96
Lequire Vicinity
Sec 24, NE4 & NW4 of NW4, T8N, R20E
10 P2CM 28

Kinta Stripping Co. Strip Mine Site #1 — 79
Kinta Vicinity
Sec 25, SE4 of SE4; Sec 30, SE4 of NE4, NE4 &
NW4 of SE4, NE4 & SW4 of SW4, T8N, R20E
10 P2CM 12, 13

Unidentified Strip Mine Site #27 — 97
Kinta Vicinity
Sec 29, NE4 & NW4 of NE4, T8N, R20E
10 P2CM 22

Unidentified Strip Mine Site #28 — 98
Kinta Vicinity
Sec 29, SE4 & SW4 of NW4, T8N, R20E
10 P2CM 23

Unidentified Strip Mine Site #29 — 100
Stigler Vicinity
Sec 14, NE4 of NW4, SW4 of SE4, SE4 & SW4 of SW4, T9N, R20E
11 P2CM 8

Unidentified Strip Mine Site #30 — 99
Stigler Vicinity
Sec 14, NW4 & SE4 & SW4 of NW4, T9N, R20E
11 P2CM 24, 25

Unidentified Strip Mine Site #31 — 101
Stigler Vicinity
Sec 15, SW4 of SE4, SE4 & SW4 of SW4, T9N, R20E
10 P2CM 36a

Unidentified strip Mine Site #32 — 104
Whitefield Vicinity
Sec 16, SE4 of SW4, T9N, R20E
10 P2CM 34

Name:
Location:
Negative: Map Coordinate:

Unidentified Strip Mine Site #33 — 103
Whitefield Vicinity
Sec 16, SW4 of SE4, T9N, R20E
10 P2CM 35, 36

Unidentified Strip Mine Site #35 — 105
Whitefield Vicinity
Sec 17, SE4 & SW4 of NE4, T9N, R20E
11 P2CM 20, 21

Unidentified Strip Mine Site #36 — 106
Whitefield Vicinity
Sec 21, NE4 of NW4, T9N, R20E
10 P2CM 33

Unidentified Strip Mine Site #38 — 108
Whitefield Vicinity
Sec 29, SE4 of SW4, SE4 of SW4, T9N, R20E
11 P2CM 16

Unidentified Strip Mine Site #39 — 109
Whitefield Vicinity
Sec 33, SE4 & SW4 of NE4, T9N, R20E
11 P2CM 14

Garland Coal & Mining Strip Mine Site #5 — 120
Stigler Vicinity
Sec 13, SE4 of SW4, NE4 & NW4 & SW4 of SE4, T10N, R21E
1 P2CM 2, 3

Unidentified Strip Mine Site #45 — 121
Stigler Vicinity
Sec 22, NE4 & SE4 of SW4, T10N, R21E
1 P2CM 29

Unidentified Strip Mine Site #47 — 124
Stigler Vicinity
Sec 24, NW4 of NW4, T10N, R21E
1 P2CM 35, 36

Garland Coal & Mining Strip Mine Site #10 — 128
Stigler Vicinity
Sec 34, SW4 & NE4 of NE4, T10N, R21E
1 P2CM 32

Name:
Location:
Negative: Map Coordinate:

Garland Coal & Mining Strip Mine Site #9 129
Stigler Vicinity
Sec 34, SW4 of SW4, T10N, R21E
16 P2CM 28

Unidentified Strip Mine Site #41 111
Lequire Vicinity
Sec 6, NE4 of NE4, T7N, R21E
1 P2CM 20

Unidentified Strip Mine Site #43 113
Stigler Vicinity
Sec 18, NW4 & SW4 of NE4, T8N, R21E
1 P2CM 13, 14

Unidentified Strip Mine Site #42 112
Stigler Vicinity
Sec 7, NW4 & SE4 of SW4, T8N, R21E
1 P2CM 11, 12

Garland Coal & Mining Co. Strip Mine Site #2 118
Stigler Vicinity
Sec 4, NW4 & NE4 & SW4 of SW4, T9N, R21E
1 P2CM 21, 22

Bill Rogers Coal Company Slope Mine Site 116
Stigler Vicinity
Sec 4, SW4 of NE4, T9N, R21E
1 P2CM 3, 4

Garland Coal & Mining Co. Strip Mine Site #1 117
Stigler Vicinity
Sec 4, SW4 of NE4, T9N, R21E
1 P2CM 5

Unidentified Strip Mine Site #60 165
Keota Vicinity
Sec 15, SW4 of NE4, SE4 of NW4, NW4 of SE4, NE4 & NW4 of SW4, T10N, R22E
5 P2CM 6, 7

Unidentified Strip Mine Site #61 166
Keota Vicinity
Sec 16, NE4 & SE4 & SW4 of SE4, T10N, R22E
5 P2CM 8, 9

Name:
Location:
Negative: Map Coordinate:

Little San Bois Cemetery Site 167
Keota Vicinity
Sec 16, SW4 of SW4, T10N, R22E
5 P2CM 10, 11

Garland Coal & Mining Co. Strip Mine Site #13 168
Keota Vicinity
Sec 18, NE4 & NW4 of NE4, NE4 & SE4 & SW4 of NW4, T10N, R22E
5 P2CM 14, 15, 16

Unidentified Strip Mine Site #62 169
Keota Vicinity
Sec 21, NW4 of NE4, NE4 & SE4 of NW4, NE4 & SE4 & SW4 of SW4, T10N, R22E
5 P2CM 17, 18

Unidentified Strip Mine Site #63 170
Keota Vicinity
Sec 27, SW4 of SE4, SE4 & SW4 of SW4;
Sec 33, NE4 & NW4 of NE4, NE4 & SE4 of NW4, T10N, R22E
5 P2CM 21

Unidentified Strip Mine Site #64 171
Keota Vicinity
Sec 28, NW4 & SW4 of NW4, SW4, T10N, R22E
5 P2CM 19, 20

Unidentified Strip Mine Site #57 159
Keota Vicinity
Sec 4, SE4 of SE4, T10N, R22E
4 P2CM 36

Unidentified Strip Mine Site #58 160
Keota Vicinity
Sec 5, NW4 of NE4, NW4, T10N, R22E
4 P2CM 23

Unidentified Strip Mine Site #59 161
Keota Vicinity
Sec 6, SE4, T10N, R22E
4 P2CM 26

Garland Coal & Mining Co Strip Mine Site #11 162
Keota Vicinity
Sec 7, NW4 & SW4 of NE4, NE4 & NW4 & SE4 of SE4, T10N, R22E
4 P2CM 27, 29

Name:
Location:
Negative: Map Coordinate:

Garland Coal & Mining Co Strip Mine Site #12 — 164
Keota Vicinity
Sec 9, SE4 & SW4 of NW4, NE4 & NW4 of SW4, T10N, R22E
4 P2CM 32, 33

Black Crystal Coal Co. Strip Mine Site — 163
Keota Vicinity
Sec 9, SW4 & NW4 & NE4 of NE4, T10N, R22E
4 P2CM 34, 35

Unidentified Slope Mine Site #4 — 172
Keota Vicinity
Sec 19, NE4 of SW4, T11N, R22E
5 P2CM 23, 24

Unidentified Strip Mine Site #65 — 173
Keota Vicinity
Sec 32, SW4 & SE4 of SE4, T11N, R22E
5 P2CM 25

Evans Coal Company Strip Mine Site #1 — 131
McCurtain Vicinity
Sec 12, SE4 & SW4 of SE4, SE4 & SW4 of SW4, T8N, R22E
2 P2CM 15

Evans Coal Company Strip Mine Site #2 — 132
McCurtain Vicinity
Sec 13, NW4 of NW4, T8N, R22E
2 P2CM 17, 18, 19, 21

Evans Coal Company Strip Mine Site #4 — 134
McCurtain Vicinity
Sec 15, SE4 of NE4, NE4 & NW4 of SE4, SW4, T8N, R22E
2 P2CM 26, 27

Garden of Memories Miners Cemetery Site — 136
McCurtain Vicinity
Sec 21, NW4 of NW4, T8N, R22E
2 P2CM 6, 9, 10

San Bois Coal Company District — 137
McCurtain Vicinity
Sec 21, SW4 of SE4, T8N, R22E
6 P2CM 19, 20, 23

Name: Location: Negative:	Map Coordinate:
Old Chant City Jail McCurtain Vicinity Sec 22, NW4 of SE4, T8N, R22E 16 P2CM 31, 32	141
Brick Air Shaft Structure McCurtain Vicinity Sec 22, SE4 of NE4, T8N, R22E 6 P2CM 15, 16	138
Air Shaft & Manway Escape Shaft Structure McCurtain Vicinity Sec 22, SE4 of NW4, T8N, R22E 6 P2CM 17, 18	139
San Bois Coal Co. #12 Slope Mine Site McCurtain Vicinity Sec 23, NW4 of SW4, T8N, R22E 3 P2CM 17, 18	142
Unidentified Strip Mine Site #49 McCurtain Vicinity Sec 24, NE4 of SE4, T8N, R22E 3 P2CM 22, 23	144
Ft. Smith & Western RR Trestle Structure McCurtain Vicinity Sec 24, NE4 of SE4, T8N, R22E 9 P2CM 25	145
Unidentified Strip Mine Site #48 McCurtain Vicinity Sec 24, SW4 & SE4 of NW4, NW4 & NE4 of SW4, T8N, R22E 3 P2CM 20, 21	143
Lone Star Steel Slope Mine Site McCurtain Vicinity Sec 29, NW4 of SW4, T8N, R22E 3 P2CM 12, 14	147
Old Panther Cemetery Site McCurtain Vicinity Sec 29, SW4 of SE4, T8N, R22E 3 P2CM 3, 5	146

Name:
Location:
Negative: Map Coordinate:

Unidentified Strip Mine Site #53 154
Keota Vicinity
Sec 17, NW4 of NW4, T9N, R22E
4 P2CM 5, 6

Unidentified Strip Mine Site #54 153
Keota Vicinity
Sec 17, SW4 & SE4 of NE4, T9N, R22E
4 P2CM 7, 8

Unidentified Strip Mine Site #55 155
Keota Vicinity
Sec 18, NE4 & NW4 of NE4, NE4 of NW4, T9N, R22E
4 P2CM 11, 12

Jim Sory Strip Mine Site 156
Keota Vicinity
Sec 20, NW4 & SW4 of NE4, T9N, R22E
4 P2CM 9, 10

Unidentified Strip Mine Site #56 157
Keota Vicinity
Sec 25, NW4 of NW4, T9N, R22E
4 P2CM 19, 20

J.H. Wilson Coal Co. Strip Mine Site #1 148
Keota Vicinity
Sec 3, NW4 of NE4, SE4 of NW4, NW4 of SW4, T9N, R22E
3 P2CM 27, 28

J.H. Wilson Coal Co. Strip Mine Site #2 149
Keota Vicinity
Sec 4, NE4 & SE4 & SW4 of SE4, SE4 of SW4, T9N, R22E
3 P2CM 29, 30

Unidentified Strip Mine Site #50 150
Keota Vicinity
Sec 7, NE4 & NW4 of NE4, T9N, R22E
3 P2CM 33

Unidentified Strip Mine Site #51 151
Keota Vicinity
Sec 8, SW4 of NE4, NE4 & NW4 & SE4 of
NW4, NE4 of SW4, T9N, R22E
3 P2CM 35, 36

Name:
Location:
Negative: Map Coordinate:

Unidentified Strip Mine Site #52
Keota Vicinity
Sec 9, NW4 & NE4 of NW4, T9N, R22E
3 P2CM 31, 32 — 152

Unidentified Strip Mine Site #68
Keota Vicinity
Sec 12, SE4 & SW4 of NE4, T9N, R23E
6 P2CM 11 — 176

Unidentified Strip Mine Site #70
Keota Vicinity
Sec 18, NW4 of SE4, NE4 of SW4, T9N, R23E
6 P2CM 2 — 178

Evans Coal Company Strip Mine Site #7
Keota Vicinity
Sec 25, SE4 of NE4, NE4 & NW4 & SW4 of SE4, SE4 of SW4, T9N, R23E
6 P2CM 5, 6 — 179

Evans Coal Company Strip Mine Site #8
Keota Vicinity
Sec 35, SE4 of NE4, NE4 & NW4 & SW4 of SE4, T9N, R23E
6 P2CM 7 — 180

Unidentified Strip Mine Site #71
Keota Vicinity
Sec 36, SW4 & NW4 & NE4 of NW4, T9N, R23E
6 P2CM 10 — 181

Unidentified Strip Mine Site #67
Keota Vicinity
Sec 8, SW4 & SE4 & NE4 of SE4, T9N, R23E
5 P2CM 32, 33 — 174

Districts

The survey of coal mining related properties in Haskell and Coal Counties resulted in the designation of 11 potential historic districts containing 68 properties. The latter figure represents over 37% of all the properties documented. These districts consist of mine sites and related properties, and are organized according to coal companies as indicated primarily in various United States Geological Survey and Oklahoma Department of Mines publications. This corporate organization seems best to fit the National Register's definition of a district as "a significant concentration, linkage, or continuity of sites, buildings, structures, or objects united historically or aesthetically by plan or physical development" (National Register Bulletin #24, Guidelines for Local Surveys: A Basis for Preservation Planning, p. 1). For purposes of registration, eligible districts would be included with eligible individual properties as a multiple property nomination.

These companies, and the districts which represent them, fall into three major categories. The first are the large railroad-owned and affiliated producers most directly associated with the coal industries formative years, 1870-1902. These include the Missouri, Kansas and Texas (MK&T) Coal Mining District, the Atoka Coal and Mining Company District, and the San Bois Coal Company District. The Atoka Coal and Mining Company supplied locomotive fuel to the Missouri, Kansas and Texas Railroad, while the Fort Smith and Western Railroad, later incorporated into the Union Pacific system, operated the San Bois Mines.

Large and medium-sized independent firms that supplied both the regional domestic market and major railroads comprise the second category. Examples of

these include the Folsom-Morris Coal and Mining Company District, Coalgate Coal and Mining Company District, Kinta Coal Company District, Hazelton Coal Company District, Garland Coal Company District, and Evans Coal Company District. Nearly all of these districts, and the companies they represent, are most directly associated with the heyday of coal mining in the region, 1902-1920, and were formed by outside investors by consolidating smaller mines. An exception is the Garland Coal and Mining Company, a large independent leader in the implementation of strip mining in the post-1930 period.

The rest of the districts stem from the small, independent producers which basically served the local domestic and industrial fuel markets. These firms often emerged during the 1902-1920 period and managed to survive into the Great Depression and beyond because of their low operational costs. Examples of these include the J.H. Wilson Coal Company District and the E.H. Noel Company District.

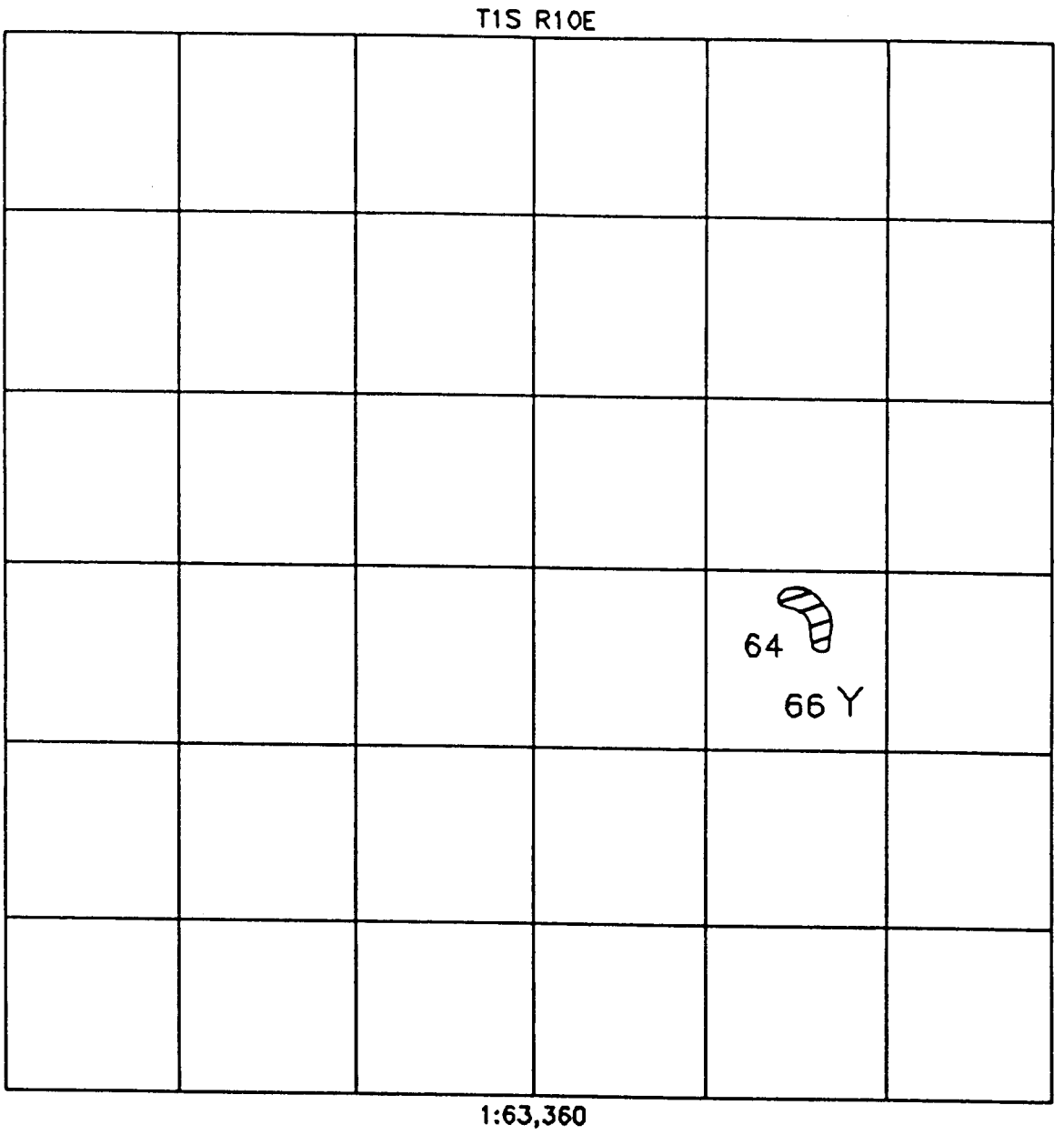
A map and, list of the resources in each district follows. Once again, the organization is the same as that used in listing all the properties documented during the survey, so that section of the report may be consulted for an explanation of the format used.

Name:
Location:
Negative: Map Coordinate:

Atoka Coal & Mining Co. Strip Mine Site 64
Lehigh Vicinity
Sec 23, NW4 & SW4 of NE4, NE4 of NW4, T1S, R10E
8 P2CM 5

Atoka Coal&Mining Co #3 Slope Mine Site 66
Lehigh Vicinity
Sec 23, SE4 of SE4, T1S, R10E
8 P2CM 10, 11

Coal Mining Related Properties of Coal County 1990
Atoka Coal and Mining Company District



Oklahoma Historic Preservation Survey

Oklahoma State University

⚒ = shaft mine site

Y = slope mine site

= strip mine site

● = other property

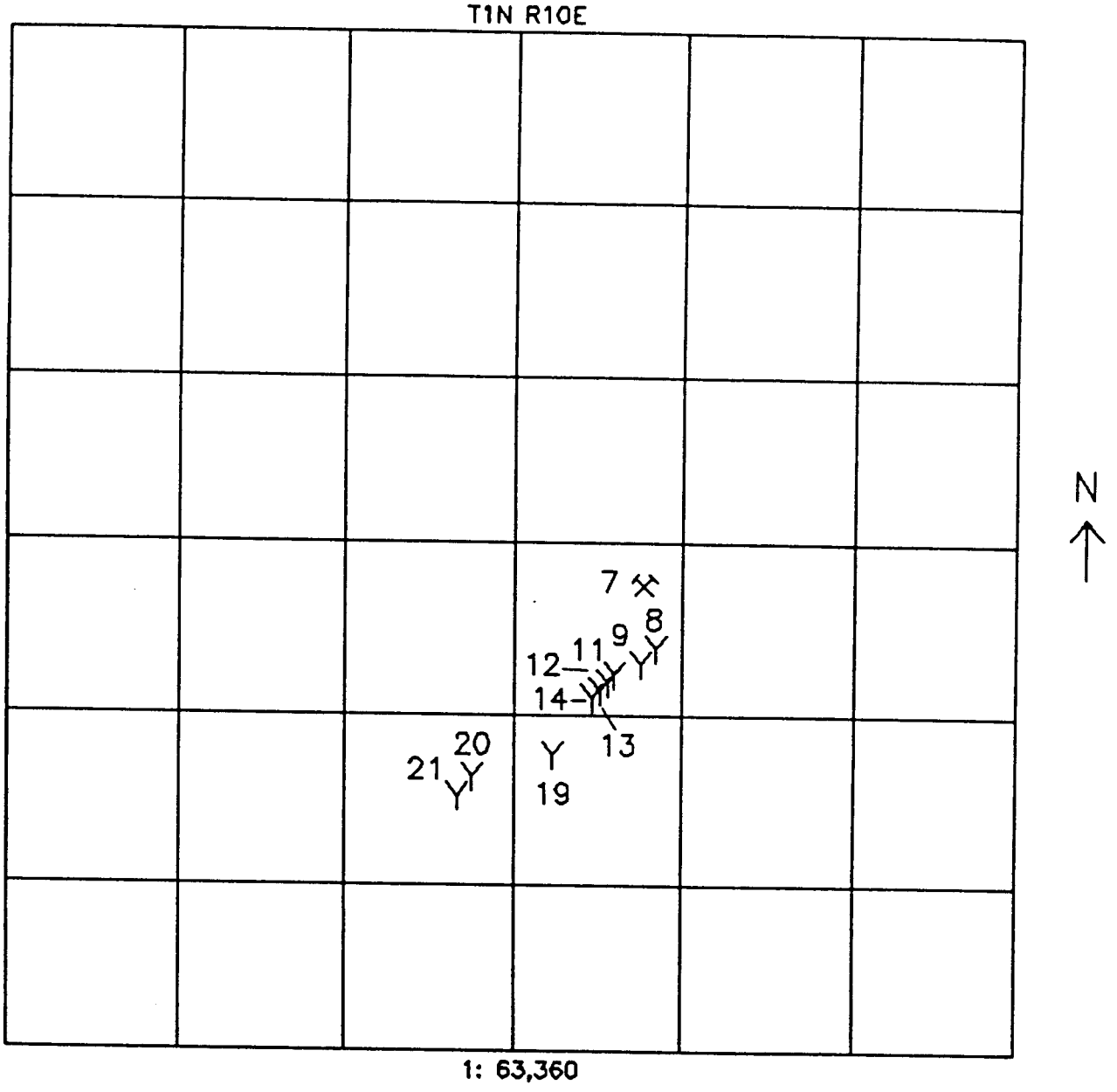
Name:
Location:

Negative:	Map Coordinate:
Coalgate #5 Shaft Mine Site Coalgate Vicinity Sec 22, NE4 of NE4, T1N R10E 12 P2CM 12, 13, 14	7
Coalgate #2 Slope Mine Site (Entry 5) Coalgate Vicinity Sec 22, NE4 of SE4, T1N, R10E 13 P2CM 6	8
Coalgate #2 Slope Mine Site (Entry 6) Coalgate Vicinity Sec 22, NE4 of SE4, T1N, R10E 13 P2CM 9	9
Coalgate #2 Slope Mine Site (Entry 1) Coalgate Vicinity Sec 22, SW4 of SE4, T1N, R10E 13 P2CM 18, 19, 20	11
Coalgate #2 Slope Mine Site (Entry 2) Coalgate Vicinity Sec 22, SW4 of SE4, T1N, R10E 13 P2CM 17	12
Coalgate #2 Slope Mine Site (Entry 3) Coalgate Vicinity Sec 22, SW4 of SE4, T1N, R10E 13 P2CM 17	13
Coalgate #2 Slope Mine Site (Entry 4) Coalgate Vicinity Sec 22, SW4 of SE4, T1N, R10E 13 P2CM 16	14
Coalgate #3 Slope Mine Site Coalgate Vicinity Sec 27, NW4 of NW4, T1N, R10E 9 P2CM 19, 20	19
Coalgate #4 slope Mine Site (1st Entry) Coalgate Vicinity Sec 28, SE4 of NE4, T1N, R10E 9 P2CM 12, 13	20

Name:
Location:
Negative: Map Coordinate:

Coalgate #4 Slope Mine Site (2nd Entry) 21
Coalgate Vicinity
Sec 28, SE4 of NE4, T1N, R10E
9 P2CM 14, 15

Coal Mining Related Properties of Coal County 1990
Coalgate Coal and Mining Co. District



Oklahoma Historic Preservation Survey

Oklahoma State University

⚒ = shaft mine site

Y = slope mine site

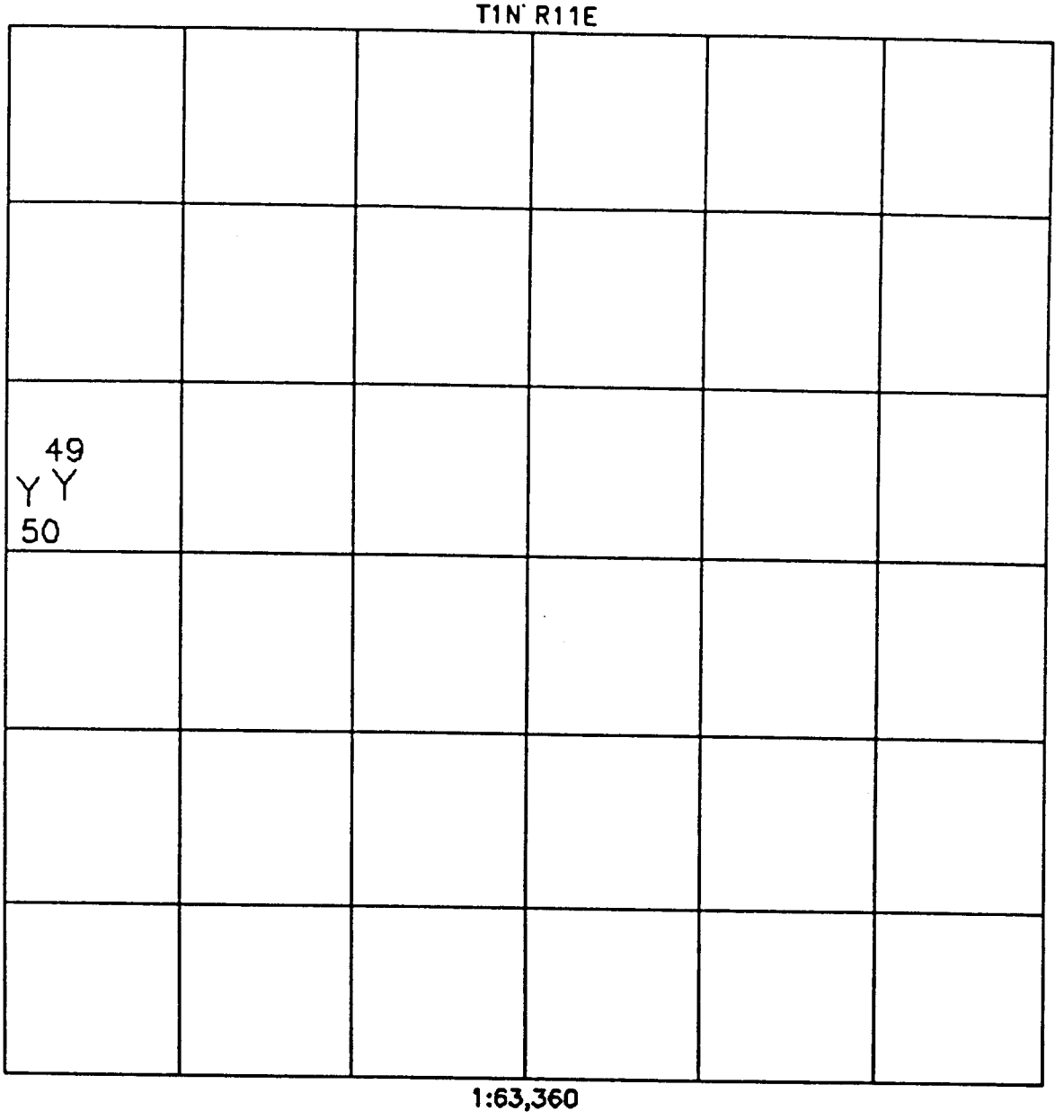
= strip mine site

● = other property

Name:
Location:

Negative:	Map Coordinate:
E.H. Noel Coal Co #1 1/2 Slope Mine Site Coalgate Vicinity Sec 18, NE4 of SW4, T1N, R11E 14 P2CM 30; 15 P2CM 17	49
E.H. Noel Coal Co. #1 Slope Mine Site Coalgate Vicinity Sec 18, NW4 of SW4, T1N, R11E 15 P2CM 15	50

Coal Mining Related Properties of Coal County 1990
E.H. Noel Coal Company District



Oklahoma Historic Preservation Survey

Oklahoma State University

⚒ = shaft mine site

Y = slope mine site

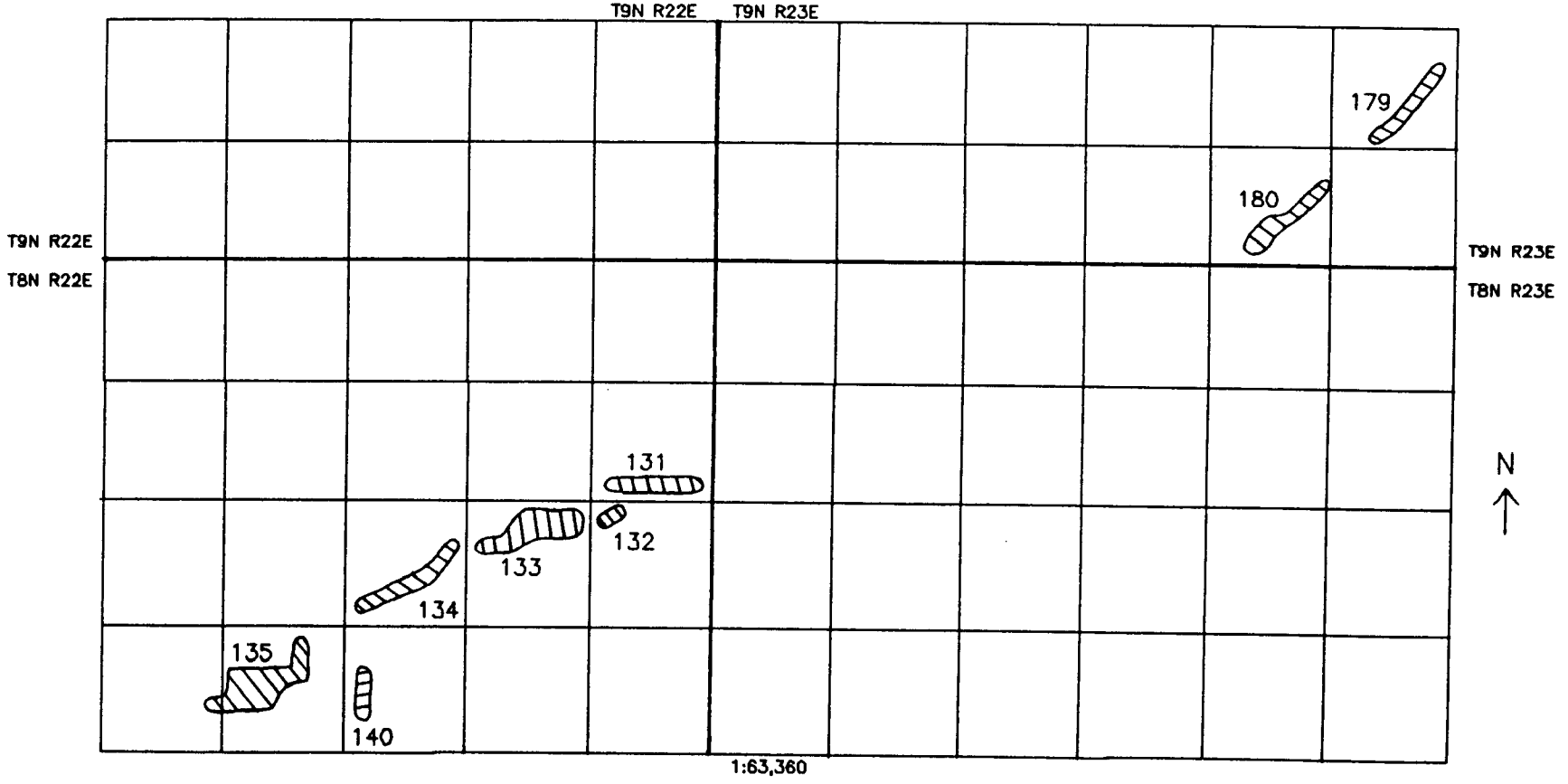
= strip mine site

● = other property

Name:
Location:

Negative:	Map Coordinate:
Evans Coal Company Strip Mine Site #1 McCurtain Vicinity Sec 12, SE4 & SW4 of SE4, SE4 & SW4 of SW4, T8N, R22E 2 P2CM 15	131
Evans Coal Company Strip Mine Site #2 McCurtain Vicinity Sec 13, NW4 of NW4, T8N, R22E 2 P2CM 17, 18, 19, 21	132
Evans Coal Company Strip Mine Site #3 McCurtain Vicinity Sec 14, NE4 & NW4 of NE4, NE4 & SE4 & SW4 of NW4, T8N, R22E 2 P2CM 22, 24	133
Evans Coal Company Strip Mine Site #4 McCurtain Vicinity Sec 15, SE4 of NE4, NE4 & NW4 of SE4, SW4, T8N, R22E 2 P2CM 26, 27	134
Evans Coal Company Strip Mine Site #5 McCurtain Vicinity Sec 20, NE4 of SE4; Sec 21, NW4 & SW4 of NE4, NE4 & SE4 & SW4 of NW4, NE4 & NW4 of SW4, T8N, R22E 2 P2CM 32, 33, 35	135
Evans Coal Company Strip Mine Site #6 McCurtain Vicinity Sec 22, SW4 of NW4, NW4 of SW4, T8N, R22E 2 P2CM 29, 30, 31	140
Evans Coal Company Strip Mine Site #7 Keota Vicinity Sec 25, SE4 of NE4, NE4 & NW4 & SW4 of SE4, SE4 of SW4, T9N, R23E 6 P2CM 5, 6	179
Evans Coal Company Strip Mine Site #8 Keota Vicinity Sec 35, SE4 of NE4, NE4 & NW4 & SW4 of SE4, T9N, R23E 6 P2CM 7	180

Coal Mining Related Properties of Haskell County 1990
Evans Coal Company District



Oklahoma Historic Preservation Survey

Oklahoma State University

⚒ = shaft mine site

Y = slope mine site

= strip mine site

● = other property

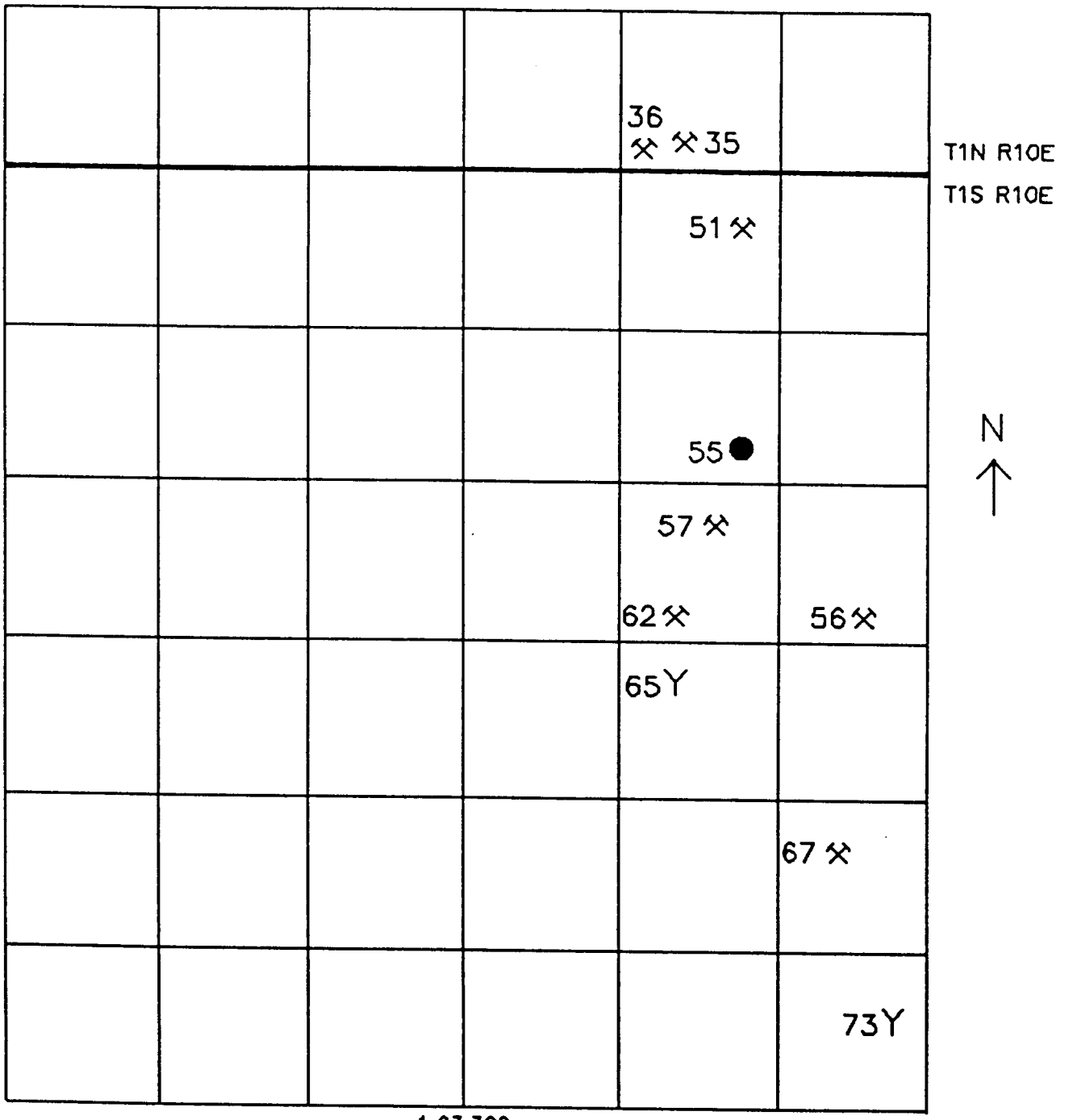
Name: Location: Negative:	Map Coordinate:
Folsom-Morris #7 Shaft Mine Site Coalgate Vicinity Sec 35, SE4 of SW4, T1N, R10E 9 P2CM 21, 22	35
Folsom-Morris New #3 Shaft Mine Site Coalgate Vicinity Sec 35, SW4 of SW4, T1N, R10E 9 P2CM 23, 24, 25, 26	36
Folsom-Morris #6 Shaft Mine Site Coalgate Vicinity Sec 2, SE4 of NE4, T1S, R10E 6 P2CM 27, 28, 30	51
Folsom-Morris Air Shaft #5 Structure Lehigh Vicinity Sec 11, SE4 of SE4, T1S, R10E 7 P2CM 6, 7	55
Folsom-Morris #8 Shaft Mine Site Lehigh Vicinity Sec 13, SW4 of SE4, T1S, R10E 7 P2CM 10, 11, 12	56
Folsom-Morris #5 Shaft Mine Site Lehigh Vicinity Sec 14, NW4 of NE4, T1S, R10E 7 P2CM 32, 34	57
Folsom-Morris New #4 Shaft Mine Site Lehigh Vicinity Sec 14, SE4 of SW4, T1S, R10E 7 P2CM 35, 36	62
Folsom-Morris #8 Slope Mine Site Lehigh Vicinity Sec 23, NE4 of NW4, T1S, R10E 8 P2CM 7, 8	65
Folsom-Morris New #1 Shaft Mine Site Lehigh Vicinity Sec 25, SE4 of NW4, T1S, R10E 8 P2CM 12, 13	67

Name:
Location:
Negative: Map Coordinate:

Folsom-Old #1 Shaft Mine Site
Lehigh Vicinity
Sec 36, SE4 of NE4, T1S, R10E
11 P2CM 31, 32, 33, 34, 26

73

Coal Mining Related Properties of Coal County 1990 Folsom–Morris Coal and Mining Co. District



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Oklahoma Historic Preservation Survey
Oklahoma State University

= shaft mine site
Y = slope mine site
= strip mine site
= other property

Name:
Location:
Negative: Map Coordinate:

Garland Coal & Mining Co. Strip Mine Site #3 115
Stigler Vicinity
Sec 4, NW4, NW4 of NE4, T9N, R21E
1 P2CM 23

Garland Coal & Mining Co. Strip Mine Site #1 117
Stigler Vicinity
Sec 4, SW4 of NE4, T9N, R21E
1 P2CM 5

Garland Coal & Mining Co. Strip Mine Site #2 118
Stigler Vicinity
Sec 4, NW4 & NE4 & SW4 of SW4, T9N, R21E
1 P2CM 21, 22

Garland Coal & Mining Co. Strip Mine Site #4 119
Stigler Vicinity
Sec 5, SE4 of SE4, T9N, R21E
1 P2CM 25, 27

Garland Coal & Mining Strip Mine Site #5 120
Stigler Vicinity
Sec 13, SE4 of SW4, NE4 & NW4 & SW4 of SE4, T10N, R21E
1 P2CM 2, 3

Garland Coal & Mining Strip Mine Site #6 123
Stigler Vicinity
Sec 23, SW4 of NE4, T10N, R21E
1 P2CM 33, 34

Garland Coal & Mining Strip Mine Site #7 125
Stigler Vicinity
Sec 26, SE4 & SW4 of NW4, NE4 & NW4 of SW4, T10N, R21E
1 P2CM 31

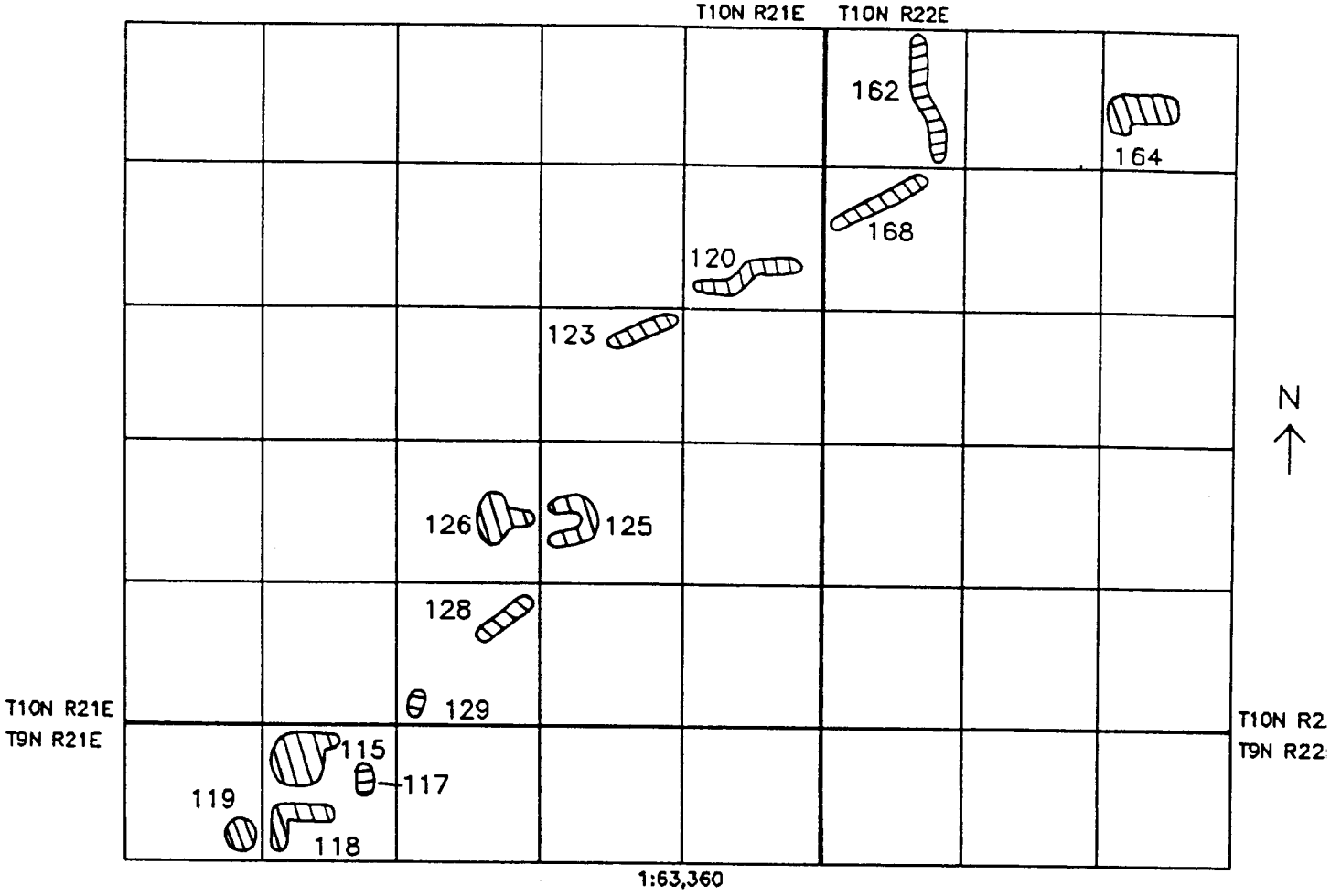
Garland Coal & Mining Strip Mine Site #8 126
Stigler Vicinity
Sec 27, SW4 & SE4 of NE4, NW4 & NE4 of SE4, T10N, R21E
1 P2CM 28

Garland Coal & Mining Strip Mine Site #10 128
Stigler Vicinity
Sec 34, SW4 & NE4 of NE4, T10N, R21E
1 P2CM 32

Name:
Location:

Negative:	Map Coordinate:
Garland Coal & Mining Strip Mine Site #9 Stigler Vicinity Sec 34, SW4 of SW4, T10N, R21E 16 P2CM 28	129
Garland Coal & Mining Co Strip Mine Site #11 Keota Vicinity Sec 7, NW4 & SW4 of NE4, NE4 & NW4 & SE4 of SE4, T10N, R22E 4 P2CM 27, 29	162
Garland Coal & Mining Co Strip Mine Site #12 Keota Vicinity Sec 9, SE4 & SW4 of NW4, NE4 & NW4 of SW4, T10N, R22E 4 P2CM 32, 33	164
Garland Coal & Mining Co. Strip Mine Site #13 Keota Vicinity Sec 18, NE4 & NW4 of NE4, NE4 & SE4 & SW4 of NW4, T10N, R22E 5 P2CM 14, 15, 16	168

Coal Mining Related Properties of Haskell County 1990
Garland Coal and Mining Company District

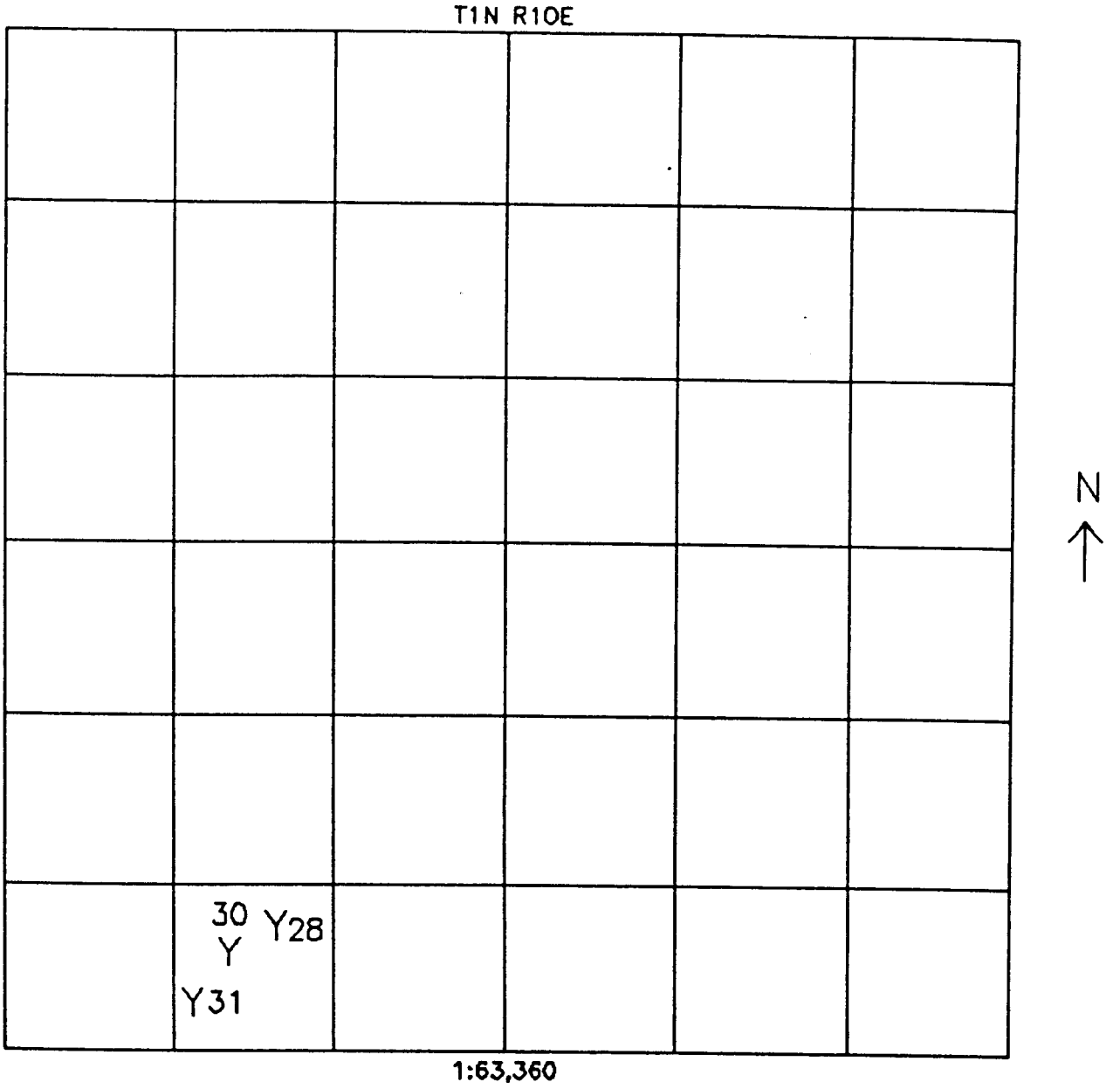


Oklahoma Historic Preservation Survey
Oklahoma State University

⚒ = shaft mine site
Y = slope mine site
= strip mine site
● = other property

Name: Location: Negative:	Map Coordinate:
Hazelton #3 Slope Mine Site Coalgate Vicinity Sec 32, NW4 of NE4, T1N, R10E 8 P2CM 24, 25	28
Hazelton #1 Slope Mine Site Coalgate Vicinity Sec 32, SE4 of NW4, T1N, R10E 7 P2CM 19	30
Hazelton #2 Slope Mine Site Coalgate Vicinity Sec 32, NW4 of SW4, T1N, R10E 8 P2CM 22, 23	31

Coal Mining Related Properties of Coal County 1990
Hazelton Coal Company District



Oklahoma Historic Preservation Survey

Oklahoma State University

⚒ = shaft mine site

Y = slope mine site

= strip mine site

● = other property

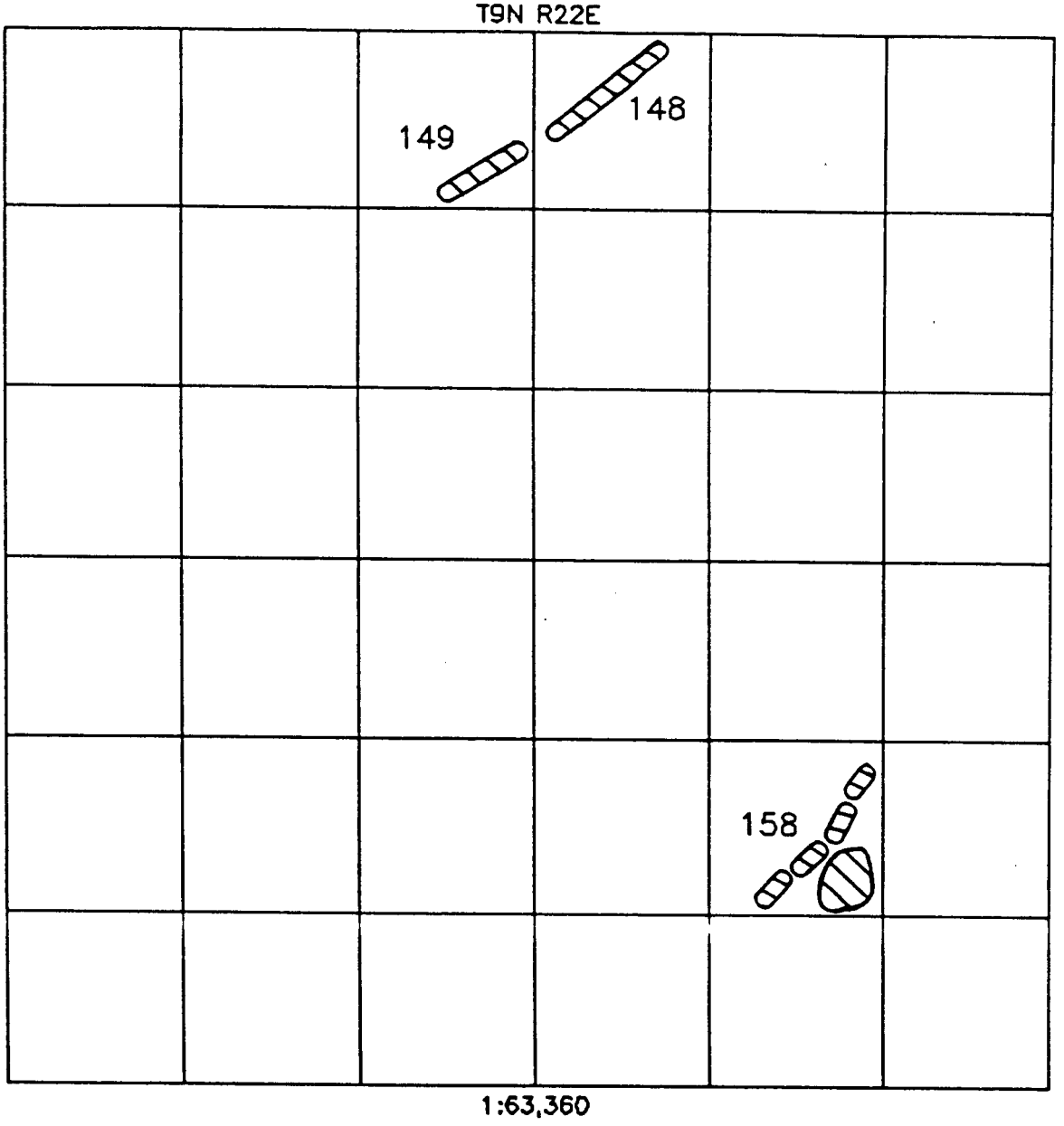
Name:
Location:
Negative: Map Coordinate:

J.H. Wilson Coal Co. Strip Mine Site #1 148
Keota Vicinity
Sec 3, NW4 of NE4, SE4 of NW4, NW4 of SW4, T9N, R22E
3 P2CM 27, 28

J.H. Wilson Coal Co. Strip Mine Site #2 149
Keota Vicinity
Sec 4, NE4 & SE4 & SW4 of SE4, SE4 of SW4, T9N, R22E
3 P2CM 29, 30

J.H. Wilson Coal Co. Strip Mine Site #3 158
Keota Vicinity
Sec 26, NE4 & SE4 of NE4, SE4, SE4 of SW4, T9N, R22E
4 P2CM 16, 18

Coal Mining Related Properties of Haskell County 1990
J.H. Wilson Coal Company District



Oklahoma Historic Preservation Survey

Oklahoma State University

⚒ = shaft mine site

Y = slope mine site

= strip mine site

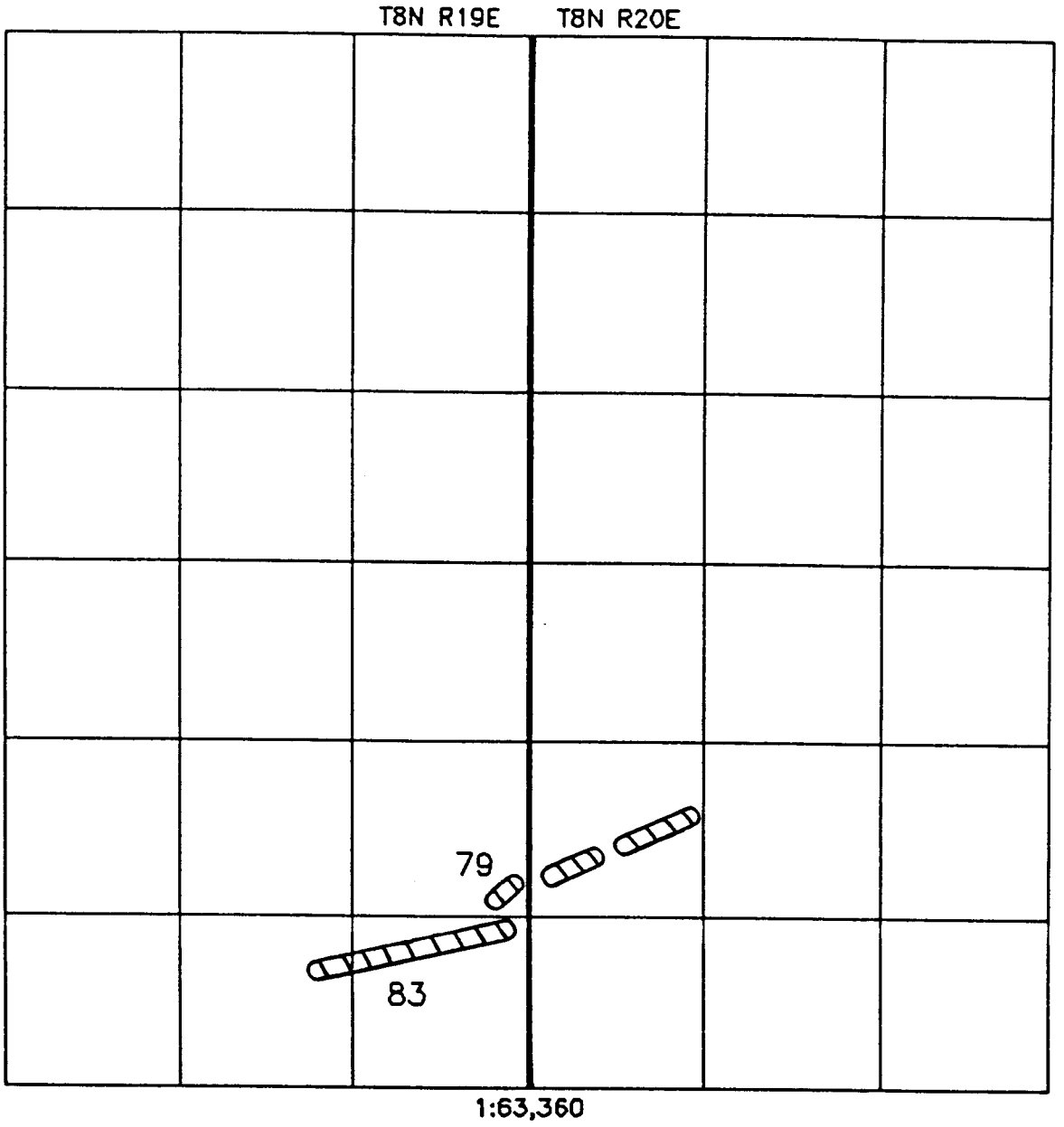
● = other property

Name:
Location:
Negative: Map Coordinate:

Kinta Stripping Co. Strip Mine Site #1 79
Kinta Vicinity
Sec 25, SE4 of SE4; Sec 30, SE4 of NE4, NE4 &
NW4 of SE4, NE4 & SW4 of SW4, T8N, R20E
10 P2CM 12, 13

Kinta Stripping Co. Strip Mine Site #2 83
Kinta Vicinity
Sec 35, SE4 of NE4; Sec 36 NE4 & NW4 of NE4,
NE4 & NW4 of NW4, T8N, R19E
10 P2CM 18

Coal Mining Related Properties of Haskell County 1990 Kinta Coal Company District



Oklahoma Historic Preservation Survey

Oklahoma State University

= shaft mine site

= slope mine site

= strip mine site

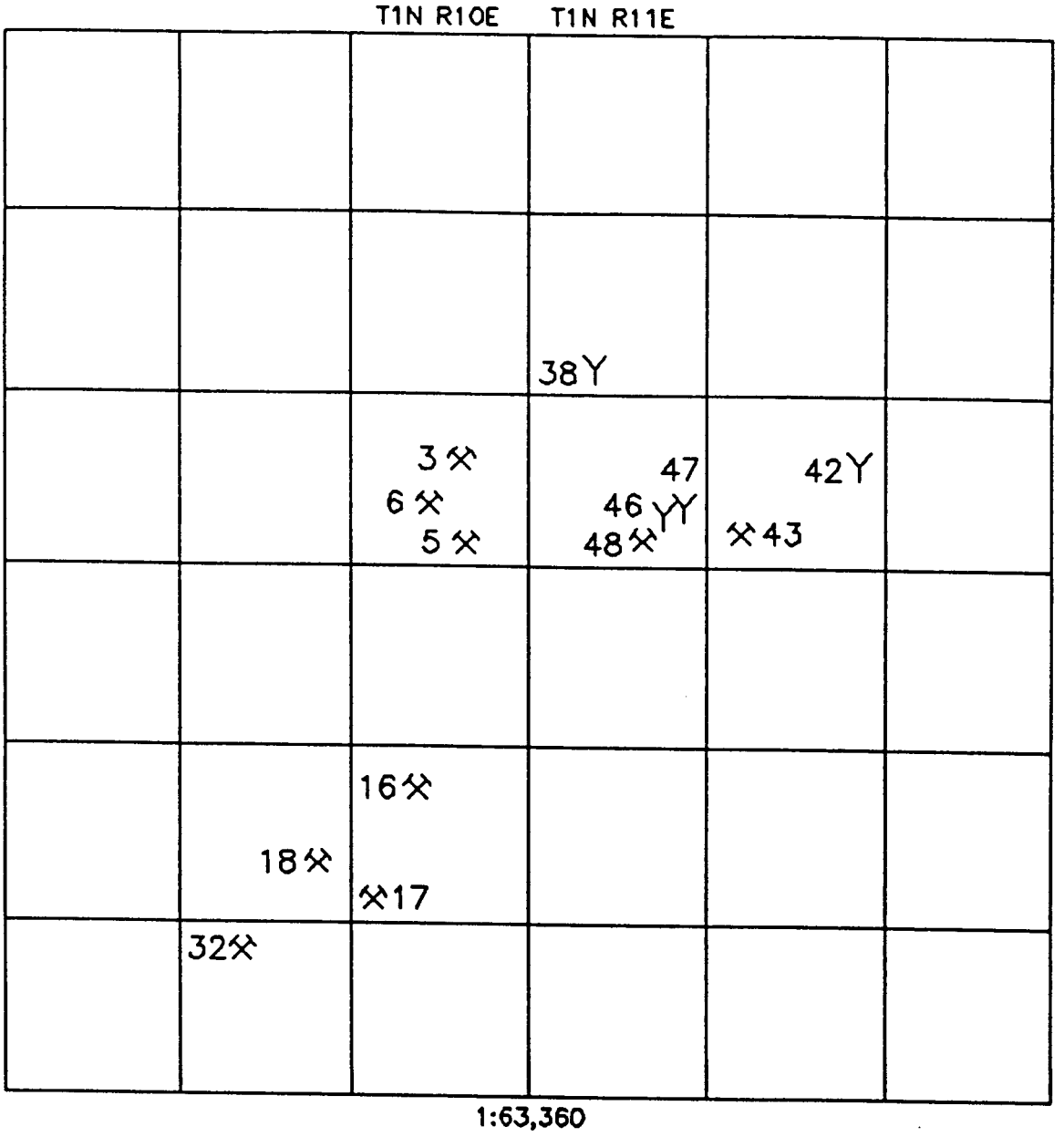
= other property

Name:
Location:

Negative:	Map Coordinate:
MK&T #2 Shaft Mine Site Coalgate Vicinity Sec 13, SW4 of NE4, T1N, R10E 13 P2CM 24, 25, 26	3
MK&T #10 Shaft Mine Site Coalgate Vicinity Sec 13, SW4 of SE4, T1N, R10E 13 P2CM 27, 28, 29, 31, 33, 34, 36;14 P2CM 14	5
MK&T #5 Shaft Mine Site Coalgate Vicinity Sec 13, NE4 of SW4, T1N, R10E 13 P2CM 21	6
MK&T New #12 Shaft Mine Site Coalgate Vicinity Sec 25, NE4 of NW4, T1N, R10E 12 P2CM 7	16
MK&T Old #12 Shaft Mine Site Coalgate Vicinity Sec 25, SW4 of SW4, T1N, R10E 12 P2CM 7, 8	17
MK&T Old #4 Shaft Mine Site Coalgate Vicinity Sec 26, NE4 of SE4, T1N, R10E 12 P2CM 9, 10	18
MK&T New #4 Shaft Mine Site Coalgate Vicinity Sec 35, NE4 of NW4, T1N, R10E 9 P2CM 27, 28	32
MK&T #14 Slope Mine Site Coalgate Vicinity Sec 7, SE4 of SW4, T1N, R11E 15 P2CM 24, 25, 26	38
MK&T #21 Slope Mine Site Coalgate Vicinity Sec 17, SE4 of NE4, T1N, R11E 16 P2CM 8, 9, 10, 11, 12, 14, 15	42

Name: Location: Negative:	Map Coordinate:
MK&T #17 Shaft Mine Site Coalgate Vicinity Sec 17, SW4 of SW4, T1N, R11E 15 P2CM 17, 18, 20, 21	43
MK&T #19 Slope Mine Site Coalgate Vicinity Sec 18, NE4 of SE4, T1N, R11E 14 P2CM 14, 15	46
MK&T #17 1/2 Slope Mine Site Coalgate Vicinity Sec 18, NE4 of SE4, T1N, R11E 14 P2CM 12	47
MK&T #9 Shaft Mine Site Coalgate Vicinity Sec 18, SW4 of SE4, T1N, R11E 14 P2CM 24	48

Coal Mining Related Properties of Coal County 1990 MK & T Coal Mining District



Oklahoma Historic Preservation Survey

Oklahoma State University

= shaft mine site

Y = slope mine site

= strip mine site

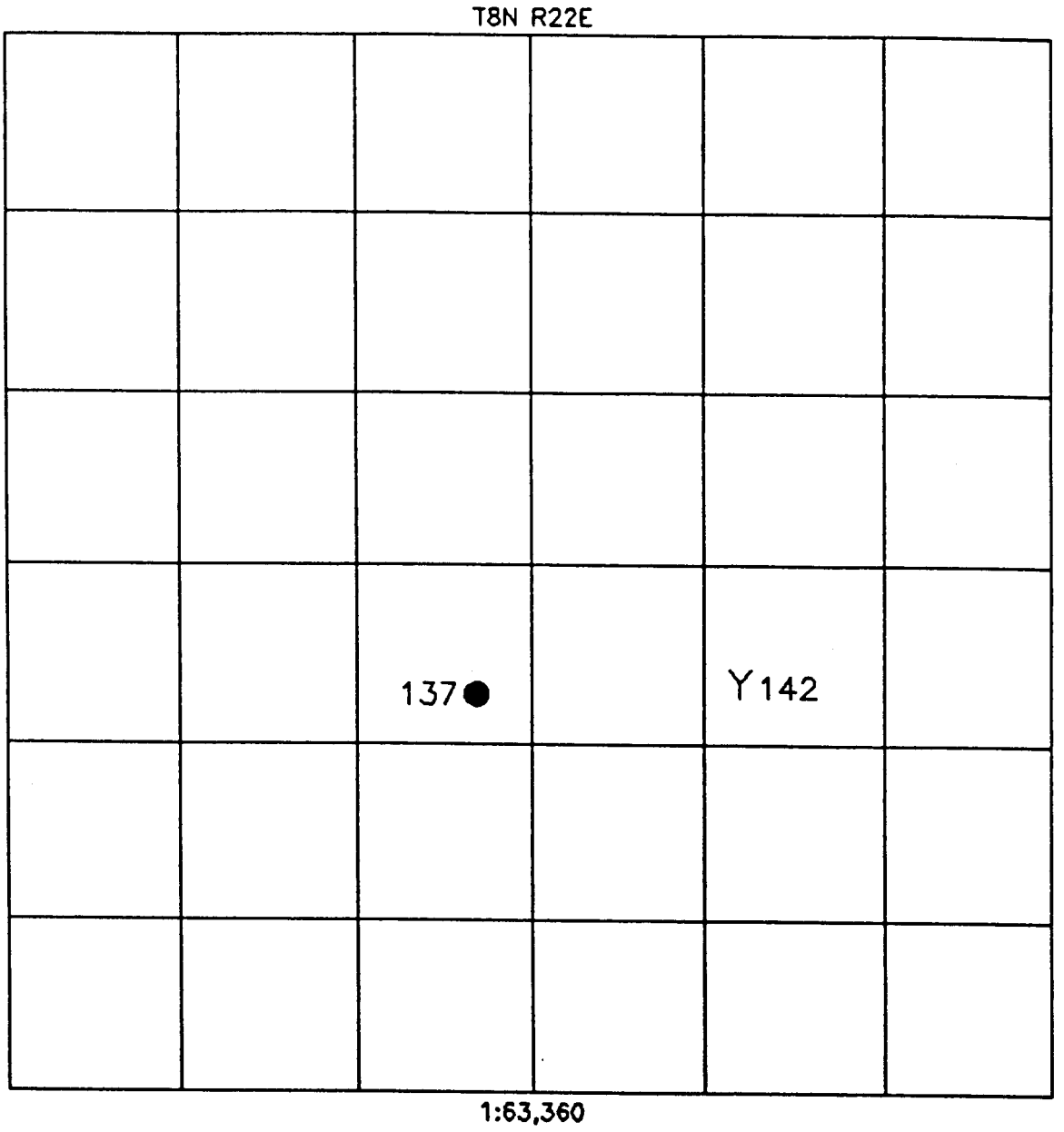
● = other property

Name:
Location:
Negative: Map Coordinate:

San Bois Bee-Hive Coke Ovens Site 137
McCurtain Vicinity
Sec 21, SW4 of SE4, T8N, R22E
6 P2CM 19, 20, 23

San Bois Coal Co. #12 Slope Mine Site 142
McCurtain Vicinity
Sec 23, NW4 of SW4, T8N, R22E
3 P2CM 17, 18

Coal Mining Related Properties of Haskell County 1990
San Bois Coal Company District



Oklahoma Historic Preservation Survey

Oklahoma State University

⚒ = shaft mine site

Y = slope mine site

= strip mine site

● = other property

SUMMARY

The Phase Two of Coal Mining Related Resources in Region Four Survey, even with all its problems and delays, proved a success. It documented 181 coal mining related properties in Haskell and Coal Counties, many of them lying in isolated rural areas. Of these, 141 properties (77.9%) warrant further study for possible inclusion on the National Register of Historic Places. Moreover, 68 of the properties (37.5%) lie within the 11 potential districts the survey identified.

For all 181 properties, a file containing a completed Historic Preservation Resource Identification Form photodocumentation now exists. These files have been submitted to the State Historic Preservation Office. This report itself serves as a reference guide to the data as well. Finally, the diskette containing project data has been submitted to the State Historic Preservation Office in order to facilitate its entry into a collective data base of significant Oklahoma and national cultural resources.

The Oklahoma Historic Preservation Survey fulfilled its contractual obligations in a highly professional manner, as the results reflect. In addition to the accomplishments noted above, the survey generally increased both the area within Oklahoma inventoried for historic resources and the number of properties identified. When combined with the Architectural/Historic Intensive Level Survey of Coal Mining Related Resources of Pittsburg County, it also markedly increased awareness of resources associated with the state's often-neglected industrial heritage. Finally, the project continued to break relatively new ground, both statewide and nationally, in documenting and determining the National Register eligibility of coal mining related resources. In all these ways, this project and its

products will serve as a valuable tool for the future preservation of these unique resources and regional land-use management in general.

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ARCHITECTURAL REVIEW OF COAL-MINING RELATED PROPERTIES OF COAL AND HASKELL COUNTIES, OKLAHOMA

for Dr. Bill Bryans, Professor of History
Oklahoma State University

by Jeffrey K. Williams, AIA, Associate Professor of Architecture
Oklahoma State University

August 6, 1990

Historically architecture has been viewed as a physical documentation of the values of a society. By observing how and where people have invested their time, resources, and spirit we can better understand that society. While the coal-mining related properties contained in the study present a limited, unique, and somewhat unusual opportunity for the application of these principles, the process will still allow us to make some generalizations regarding the people and values of this era.

The identified properties are all located directly adjacent to the railroad facilities, a functional requirement in the mining and processing of coal, and will be discussed further according to three different categories: (1) the actual buildings contained in the study area; (2) the mining operation remnants which do not qualify as buildings ; and (3) the cemeteries contained in the study area.

The most architecturally significant building within the study is the Merchants National Bank. It is a brick structure with stone detailing and arched openings which is characteristic of the influence of the Romanesque Revival on the standard two-part commercial block. The bank anchors the intersection of two roads and was designed with a corner entrance to recognize this. Through both its choice of materials and architectural style it conveys a sense of permanence and culture. While this building stands out in the study, it is because it is the only building which attempts to go beyond basic utilitarian building, and not because it

possesses unusual architectural merit.

All other buildings within the study appear to be profit driven and utilitarian in nature. They are typically made of either native sandstone, concrete or brick (probably transported on the railroad), and they utilize these materials in ordinary and sometimes even crude ways. Periodically iron doors or platforms work their way into the designs when required functionally, and these again are possible because of the proximity to the railroad. Specific examples of this situation can be cited at the Folsom-Morris air shaft for Mine #5, Folsom-Morris Mine #6, and several examples at the Davidson shaft mine site.

The remnants of mining operations make up the largest portion of structural examples in the study, and are applied solely with regard to functional and economic considerations. Concrete is the most common building material, a material which is easily transported and which can be molded into any desired configuration. Given these characteristics and the local availability of water this represents a logical and probably an economical choice. Specific examples can be found at the Hazilton slope mine sites #1 and #2, the Morris shaft mine site #8, and the #7 slope mine site.

Brick is another material which is often found. This material's application is limited by railroad accessibility and because of its greater cost was used sparingly and only in those areas where it was required functionally. The coke ovens represent an example of

the interior being lined with brick for even heat retention and distribution but the exterior was built of native stone, a much less expensive material. In the case of the pit at New slope mine site #3 brick is used as a lining material (for what purpose I am not sure) indicating that more exacting measurements were required, and then concrete was used as a filler material and assumes most of the structural load.

Local timber was used in some instances, again in a utilitarian way, as demonstrated by the timber-roofed mine mouth at the unidentified slope mine site in Coal County.

And finally, with respect to the mining operation remnants, iron was used sparingly where functionally required: as doors or platforms on several of the examples cited earlier as well as for special equipment such as the documented steam shovel scoop.

Cemeteries represent a fascinating area of the study which records the history of mining events (both mining disasters as well as the normal passage of miners) and physically represents the most consistent examples of aesthetic attention. In the Little San Bois Cemetery, the Old Panther Cemetery, and the Garden of Memories Miners Cemetery tombstones consistently present examples of expensive and permanent materials (stone) which have been meticulously designed and carved. The designs are typically well proportioned and many demonstrate careful attention to the details of the design. While the study does not possess enough information

about the miners social customs or beliefs to make any judgements about why they invested this way, I believe it is significant that they invested their money and efforts here and that this never occurred in either their business or other personal endeavors (particularly their housing).

In considering the study as a whole, there are no structures which merit preservation solely on architectural merit alone. But there is an interesting history in which building has participated, and it is on the basis of this history that judgements regarding preservation should be made.