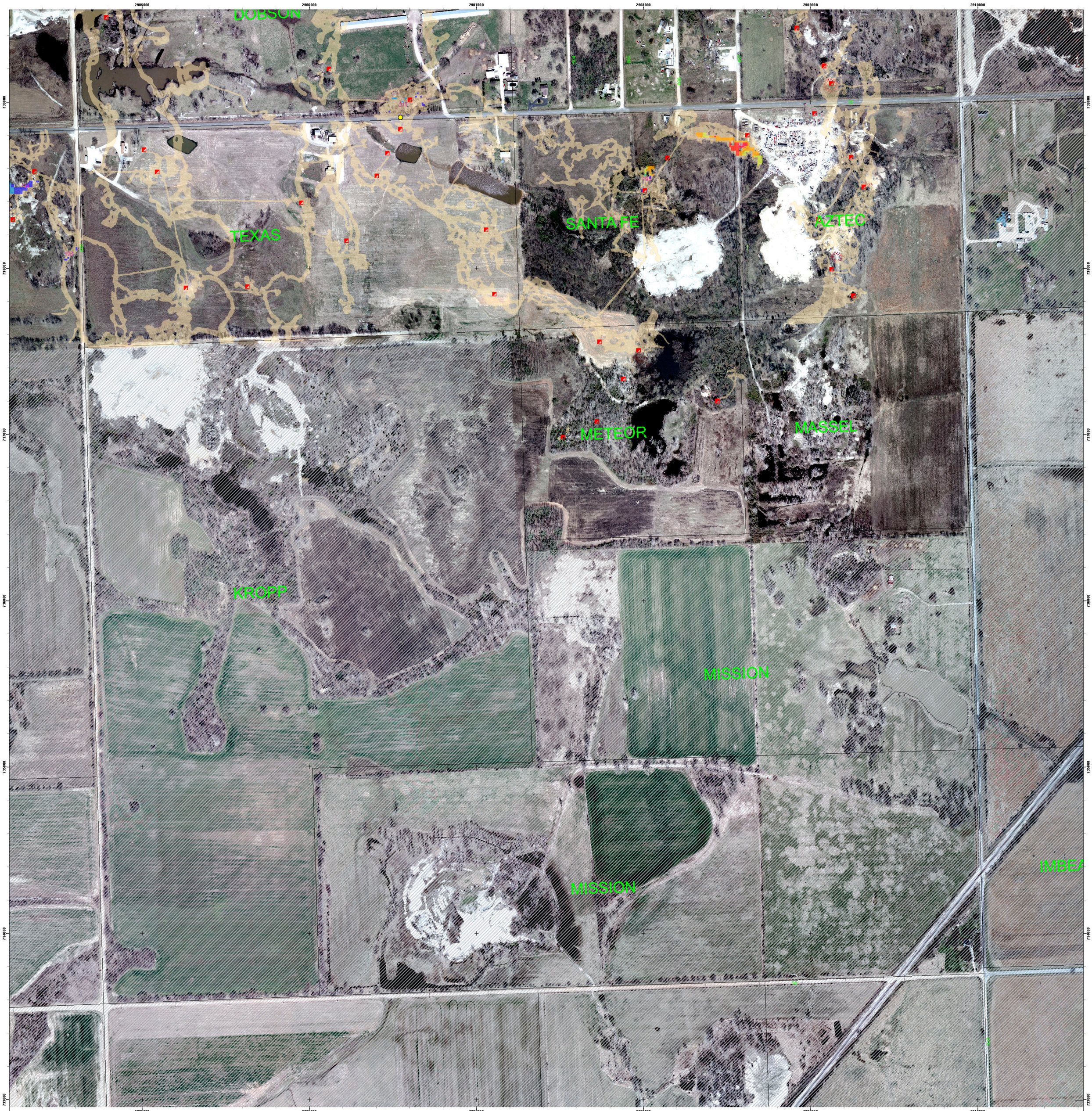


Coordinate System: NAD 1983, StatePlane, Oklahoma North, FIPS 3501, Feet

LEGEND

- Mine Workings
- Roof Falls
- Mine Shafts
- Non-Shaft Related Subsidence
- Approximate Mine Lease Boundary

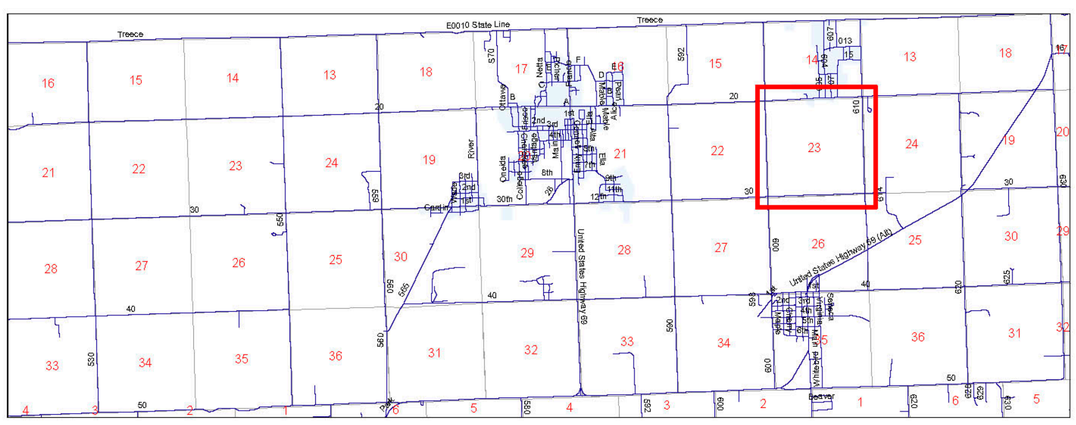
Estimated Maximum Subsidence

feet

- < 2
- 2 - 5
- 5 - 10
- 10 - 25
- 25 - 50
- > 50
- Unanalyzed Areas

400 200 0 400 800 1,200 1,600 2,000

Feet



Overview Section Location Map
Please refer to Figure 1.1 for map details.

Notes:

Location of mine shafts are displayed as 30' x 30' square symbols in order to represent the uncertainty in determining the mine shaft locations and the typical size of collapse features associated with mine shafts in the study area.

Non-shaft related subsidence features are represented with a 30' diameter circle indicating the approximate center of the known feature location.

The accuracy of the mine workings geometry is estimated to be +/- 10' due to the age and condition of the original source maps used to generate the mine workings geometry data.

The extent of mine workings is based on the latest available mine maps and may not represent the total mine workings if additional undocumented mining occurred.

Displayed boundary of colored estimated maximum subsidence area is not the absolute limit of potential surface expression of subsidence. The displayed boundary of colored estimated maximum subsidence represents a general area in which surface expression of subsidence may originate and occur if a mine collapse propagates to the surface.

Unanalyzed areas are areas excluded from the scope of this study and do not indicate the absence or existence of mine workings and associated subsidence hazards.

Mine Lease names are shown in large green text. Street and road names are shown in small green text.

Estimated maximum subsidence features labeled with pink text ID numbers corresponding to Table 7.2.

Known chat pile names within section boundary are labeled with yellow text boxes.

Exhibit 23

Picher Mining Field Subsidence Evaluation

Sec. 23, T29N, R23E

Sheet 1 of 1

1" : 200'