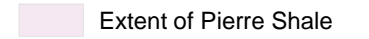



# Plate 4

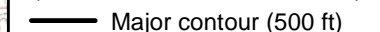
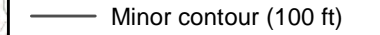
## Top Pierre Shale: Structure Contour Map

*Purgatoire River Watershed,  
Raton Basin, Colorado*


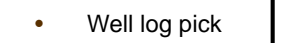
### Explanation

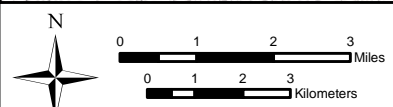
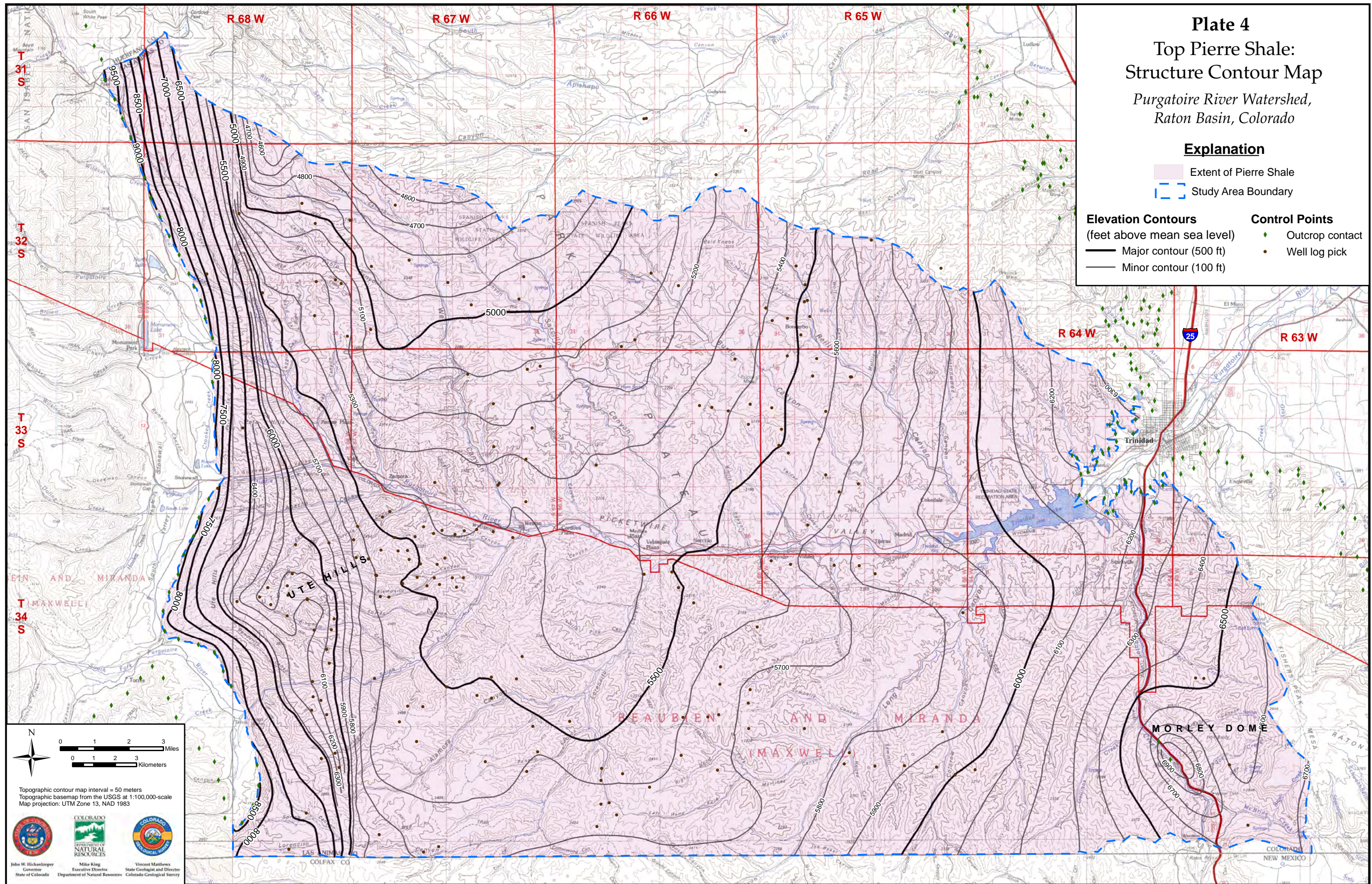
-  Extent of Pierre Shale
-  Study Area Boundary

### Elevation Contours

- (feet above mean sea level)
-  Major contour (500 ft)
  -  Minor contour (100 ft)

### Control Points

-  Outcrop contact
-  Well log pick



Topographic contour map interval = 50 meters  
 Topographic basemap from the USGS at 1:100,000-scale  
 Map projection: UTM Zone 13, NAD 1983

