

# COLORADO GEOLOGICAL SURVEY

## **Map Series MS-30** **Basement Structure Map of Colorado** **with Major Oil and Gas Fields**

### **INTRODUCTION**

The purpose of Colorado Geological Survey Map Series MS-30 Structure Map of Colorado with Major Oil and Gas Fields is to provide a structural contour map of the basement complex across the entire state.

### **HOW TO USE THIS ZIP FILE**

To open the compressed (.zip) file that you downloaded, double-click on the file. Inside the folder labeled **MS-30**, there are a number of files and folders. Some files are stored in Adobe Portable Document (.pdf) format. Geographic Information Systems (GIS) data are also included. These data are in ESRI's Shapefile and Geodatabase format.

### **HOW TO IDENTIFY AND READ FILES**

#### **REPORT DOCUMENTS**

- **MS-30-Read\_Me.pdf**  
*This file*
- **MS-30 – Basement Structure map.pdf**  
*Includes geologic map, explanation, references, and a ranked list of oil and gas fields as of 1994*
- **GIS\_Data folder**  
*Contains Geodatabase and metadata information*

#### **To view .pdf files**

If you don't already have Adobe Reader installed on your device, visit <https://get.adobe.com/reader/> to download a free version of the software. Then, start Adobe Reader and choose "File," "Open," and locate the .pdf files where you downloaded them, they will open in Adobe Reader.

#### **To view GIS files**

GIS files may be viewed using Geographic Information Systems software packages such as ESRI's ArcGIS platform. Included are Geodatabases, Shapefiles and layer files of the geologic elements. Within ArcGIS, it may be necessary to reset the "data source" on layer files to ensure proper viewing. Metadata is associated with both the Geodatabase feature classes and the Shapefiles and is best viewed using the Metadata tab in ESRI's ArcCatalog.

Alternatively, these files may be viewed using QGIS, a free and open-source GIS software package, available for download at <https://download.qgis.org/>.

For further information, contact the Colorado Geological Survey at:

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**COLORADO GEOLOGICAL SURVEY**  
**COLORADO SCHOOL OF MINES**

