

Navigating Colorado's Regulatory Environment

Andy Bohnhoff

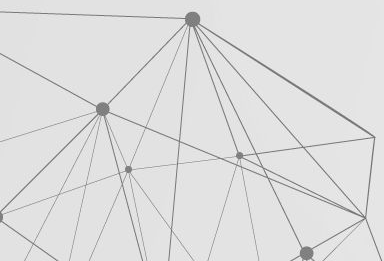
Platte River Analytics

10 years Oil and Gas experience

3.5 years - GIS Manager - Diamond Resources

6 years - GIS Analyst - Anadarko/Oxy Petroleum

Founder - Platte River Analytics



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Colorado Setbacks

Effective 1/15/2021:

- Drilling and completions setbacks from homes and businesses quadruple from 500 feet to 2,000 feet.
- COGCC says the setbacks “provide substantially equivalent protections for public health, safety and welfare.”
- Utilize GIS to address issues and plan for future activities

Building footprints

Extract building footprints utilizing ESRI's geospatial deep learning models
Free download from Microsoft in GeoJSON format (125 million+ footprints in US)

Limitations:

- Majority of the footprints are at least a few years old
- Zero attribution

Parcel data

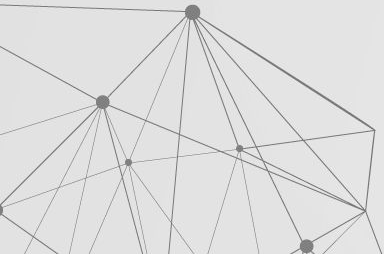
Free download from county GIS sites

Limitations:

- Each county records parcel attributes differently
- Not all counties have this data available - especially rural counties

Rig Signatures

Generic rig signatures courtesy of Urban Solution Group
Utilized to show sound compliance in and around communities, HOA's and other populated areas



Thank you!

**If you have a question, comment or want to
discuss your next GIS project please let me know!**

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