

Oil and Gas Update

March 3, 2025

Energy, Equity, and the Environment Division



Commerce
CITY

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Current Applications

There are no current oil and gas applications.

Oil and Gas Notice Update

E3 received several ECMC notices over the last three weeks. These include:

Notices of Move-In, Rig-Up:

- HSR Cunningham 7-10 January 27-29 (Adams County)
- HSR-Lunnon 2-3 February 11-13 (Adams County)
- HSR-TR Ranch 16-3 February 13-15 (Commerce City)
- HSR-Lawson 8-3 February 17-19 (Adams County)

Notices of Mechanical Work:

- HSR-TR Ranch February 16 (Commerce City)
- HSR-Lawson 8-3 February 20 (Adams County)

Plugging and Abandonment in C3

Chevron approached the City about replugging older plugged and abandoned oil and gas well sites in C3.

The following are facts on the sites:

- Sites drilled in 1975.
- Plugged and abandoned in 2000.
- Interest in replugging well sites with new regulations.
- Cutler 1-A is in E-470 ROW.
- Farner 1 is within a FRICO easement area.
- Erger 1 is located on a Commerce City-owned parcel used for regional stormwater detention.
- E3 is requesting summaries of each site and is working with other departments to better understand any agreements we need to work through for replugging.
- E3 will provide updates on timelines and processes in future monthly Oil and Gas Updates to City Council, as well as provide information in our weekly updates to the City Manager's Week in Review Report.



Adams County Oil and Gas Updates

Edmundson Update. On February 5, Adams County provided information to E3 about their Air Quality Program Specialist reviewing air quality monitoring reports for Edmundson Pad. There were no concerns noted with the data and no exceedances of state standards for TVOCs or other toxics. They did note that the sensors are new and there will be more to measure and report on over time.

Lunnon Move-In, Rig-Up Information. The Oil and Gas Administrator explained that the work involves temporarily plugging the well due to offset drilling activity in the area from the Alma West Pad in the County.

Fire at Fracking Site – Brighton. AdCO received an alert on Monday, February 10th about an oil and gas operation experiencing a fire from a tanker. This occurred at the Brighton Lakes Pad – just over a mile north of Commerce City. Fire crews and the Office of Emergency Management were dispatched and put it out the same day.

FYI on AdCO Oil and Gas hearings. AdCO will be conducting two hearings on March 18th under their new oil and gas regulations. The sites are not close to C3, but the haul routes drive near the City.

Environmental Exceedance Report

Start Date	Hours Non-Compliance	Unit/ Location	Media Impact	Pollutant	Summary	Total Exceedance
21-Dec-24	3h	No. 2 SRU	Air	SO2	...H2S rich gases from the No. 2 SRU were sent to the Tail Gas Unit Incinerator (H-25) and were emitted as sulfur dioxide (SO2) from H-25.	22.37 lbs/hr
21-Dec-24	12h	No. 2 SRU	Air	SO2		124 ppmvd
25-Dec-24	2h	Reformer Compressor (C-401)	Air	H2S	An incorrect number was entered into the control system while an adjustment was being made to the reformer compressor (C-401)...This increase in pressure required the sour fuel gas (i.e., fuel gas with high H2S content) to be relieved to the flare, which resulted in an exceedance of the permit limit for H2S in flare gas. A total of 1.5 lbs of SO2 was flared during this event.	15 ppmv
15-Jan-25	9h 36m	No. 1 FCCU	Air	Opacity		39%
15-Jan-25	1h 10m	No. 1 FCCU	Air	Opacity		16%
15-Jan-25	13h	No. 1 FCCU	Air	CO	The Plant 1 – Emergency Shutdown (ESD) for the No. 1 FCCU activated and shut down the No. 1 FCCU. This malfunction of No. 1 FCCU resulted in excess emissions of carbon monoxide (CO) and opacity from that unit.	1529 ppmvd
15-Jan-25	1h 48m	No. 1 FCCU	Air	Opacity		29%
15-Jan-25	13h	No. 1 FCCU	Air	Opacity		29%
15-Jan-25	9h	No. 1 FCCU	Air	CO		530 ppmvd

**Thank you.
Questions?**

