



# Oil & Gas Monthly Update

City Council Meeting March 2021

# City Oil & Gas Permit Applications

- Five applications are currently deemed complete and being processed by the city
- Eight Oil and Gas Permits had previously been submitted and deemed complete by the city – all by Extraction
- One application (Condor) does not currently have complete information to begin processing
- Two applications (Harlo and Anteater) were withdrawn due to inactivity.

Site Name	Case Number	Operator	Council Action Required	Well Count
Pelican	OG-002-19	Extraction Oil and Gas	Conditional Use Permit	28
Heron	OG-003-19	Extraction Oil and Gas	Conditional Use Permit	24
Blue Jay	OG-004-19	Extraction Oil and Gas	Rezoning	18
Owl	OG-005-19	Extraction Oil and Gas	Rezoning	18
Falcon	OG-006-19	Extraction Oil and Gas	Rezoning	18

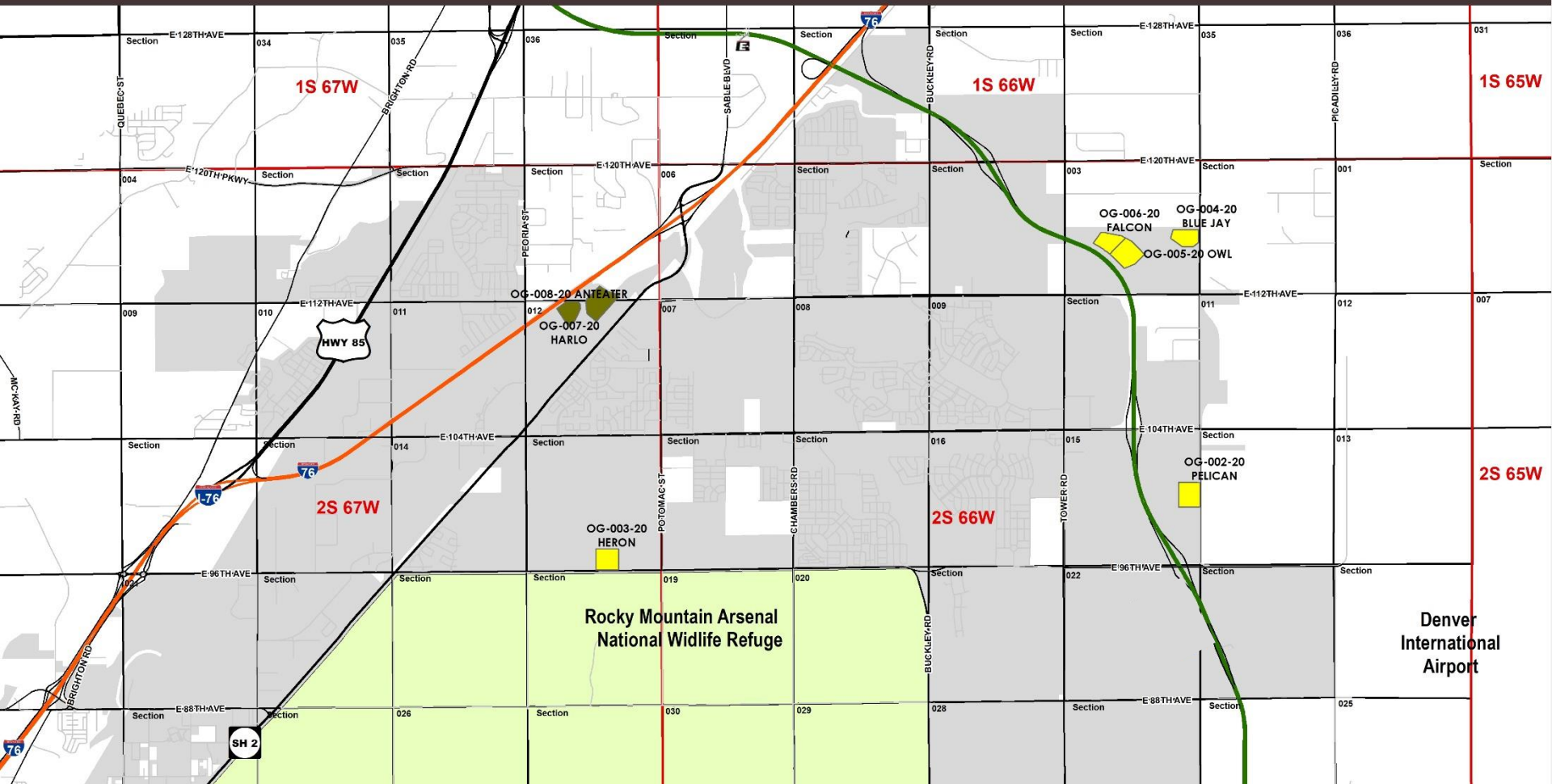
- All operators have asked (at the request of the city) that holds be placed on the processing of all Form 2A's, with the additional request of a 2<sup>nd</sup> comment period.
- Oil and Gas Permits may not be approved until Council actions have occurred *and* a CUP for a pipeline has been approved by Council, per the ROA.

# City Permits



## Submitted City Permits

Active as of 10/22/2020



— local streets

Approved Under Review City Limit Boundaries  
Denied Withdrawn



0 1,100 2,200 4,400 6,600 8,800 Feet

# Review Schedule

Site Name	Case Number	Date Permit Application Initially Submitted to City	Date Permit Application Deemed Complete By Staff	Application Resubmittal Date	Referral Agency Comments Due to Staff	Permit Status (Approved / Pending / Denied / Withdrawn / Completeness Review)
Condor	OG-001-19	10/8/2019				Completeness Review
Pelican	OG-002-19	10/8/2019	10/21/2019	10/21/2020	12/2/2020	Pending
Heron	OG-003-19	10/18/2019	11/4/2019	10/21/2020	12/2/2020	Pending
Blue Jay	OG-004-19	10/17/2019	11/8/2019	10/21/2020	12/2/2020	Pending
Owl	OG-005-19	10/17/2019	11/8/2019	10/21/2020	12/2/2020	Pending
Falcon	OG-006-19	10/17/2019	11/8/2019	10/21/2020	12/2/2020	Pending
Harlo	OG-007-19	10/21/2019	11/4/2019			Withdrawn
Anteater (Jacobson)	OG-008-19	12/10/2019	12/23/2019			Withdrawn

# State Permit Applications

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- No activity since last update
- The City anticipates that Extraction's 2A permit applications must be resubmitted to the COGCC under new state regulations effective January 15, 2021

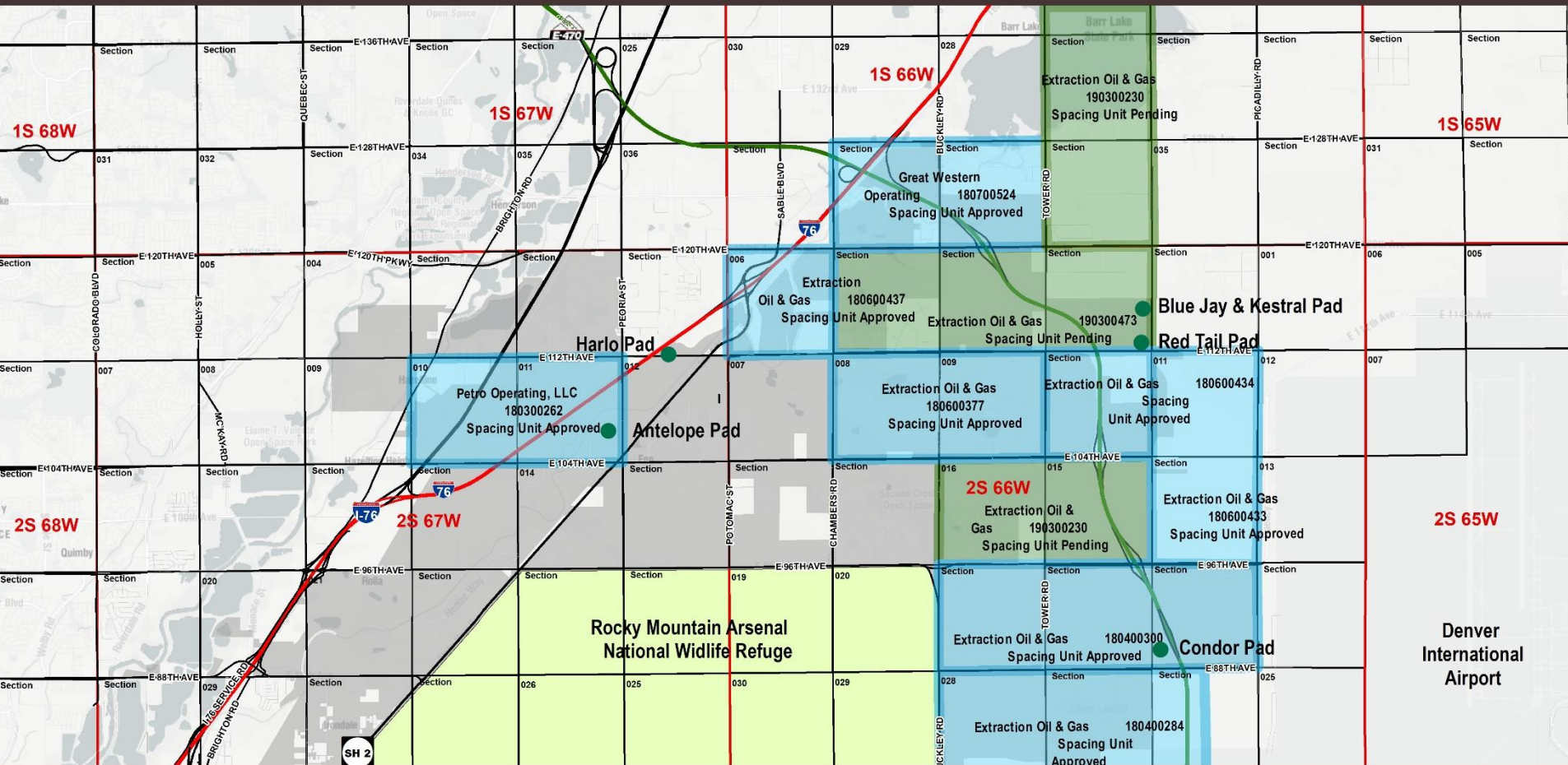


# Map of COGCC Activity



Applications to the COGCC Within Commerce City Boundaries

Active as of 10/22/2020



Status of State Applications

- Spacing Unit Approved
- Spacing Unit Pending
- City Limit Boundaries
- Pending Form 2A
- Approved Form 2A

\*This map represents all pending Form 2A applications, and spacing applications that have been submitted by Oil & Gas operators to the COGCC. Approval of a spacing unit by the COGCC does not constitute the ability to drill, unless Form 2's and 2a's within that section are also approved, and a city permit has been issued.



0 1,400 2,800 5,600 8,400 11,200 Feet



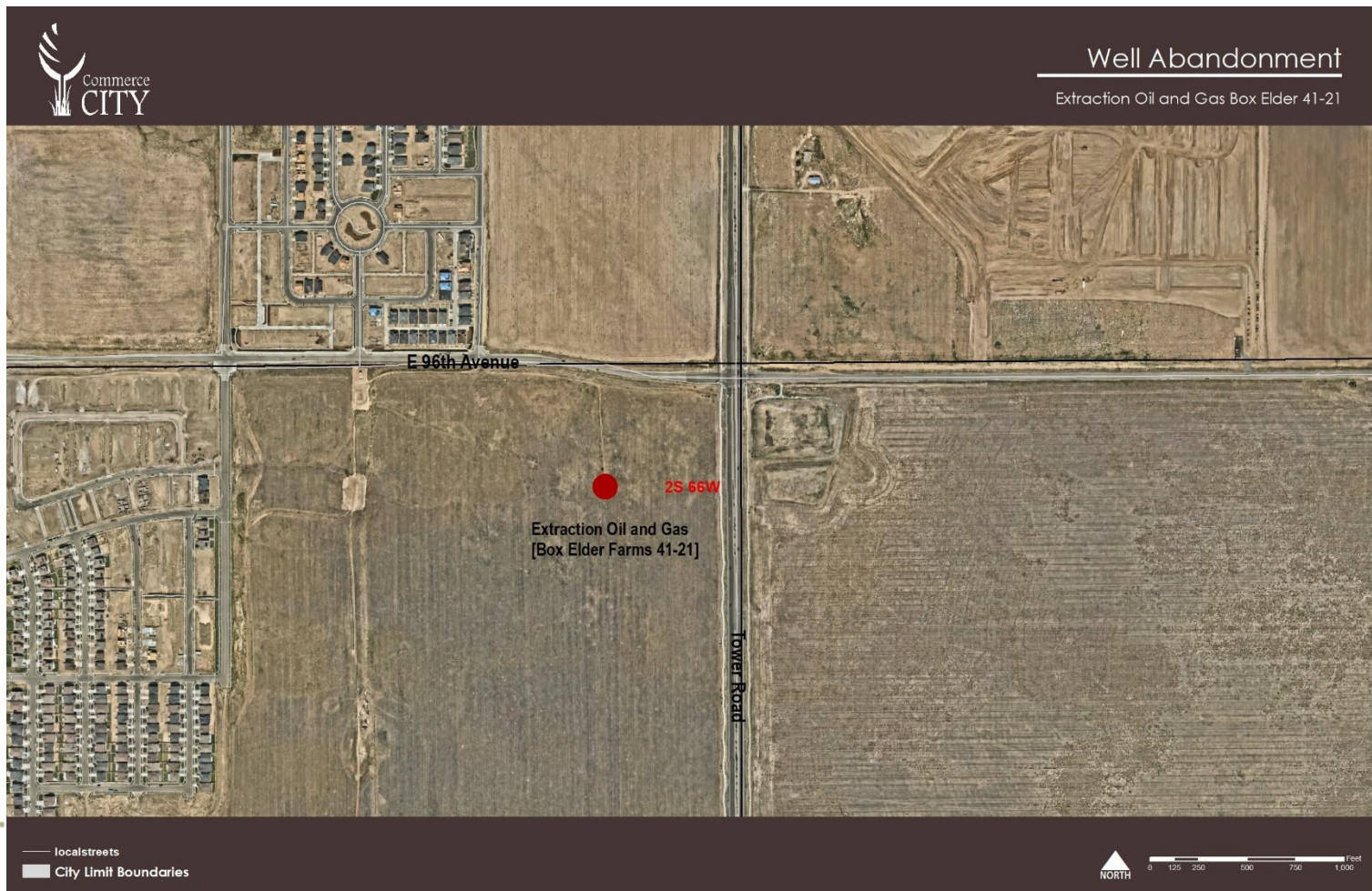
# General Updates

- On February 11, City Council approved new Oil and Gas Regulations on First Reading
  - Will be considered for final adoption (second reading) on March 15.
- Suncor Title V Permit Public Comment Period in progress – scheduled to close on March 19
  - Form for public comments can be found [here](#)
  - City will be providing comments on Title V permit prior to comment deadline
  - Comments can also be sent to [cdphe.commentsapcd@state.co.us](mailto:cdphe.commentsapcd@state.co.us)
  - [Sign up for Air Pollution Control Division Notices Here](#)
- Suncor's Water Quality Discharge permit
  - Public meetings were held on February 17 and February 25
  - Renewal of the refinery's treated wastewater outfall & general stormwater outfall
  - CDPHE strongly considering adding PFOS/PFOA limits during renewal
- Study Session scheduled with Suncor on March 8
  - To discuss recently occurring upset and exceedance events, and answer any specific questions that council has on any particular event and potential remediation that has occurred
- Adams County Oil & Gas Regulation Amendments
  - Based on direction from Board of County Commissioners, Adams County will begin the process of minor amendments to their Oil and Gas Regulations
  - Will occur through spring and summer



# P+A – Boxelder 41-21 Well

- Extraction Oil and Gas (Boxelder Farms 41-21 Well)
  - Located in southwest corner of 96<sup>th</sup> Avenue & Tower Road
  - Well plug & abandonment operations started on February 19
  - Abandonment of well expected to take up to two weeks





# CDPHE Information on Suncor

- 5 violations by Suncor since last update (January 28 – February 22)
  - 2/14 to 2/16: Exceedance of Sulfur Dioxide ( $\text{SO}_2$ ) limit of 500 lbs/24 hr period
    - Maximum reported value of 539lbs of  $\text{SO}_2$ , due to equipment failure
  - 2/14 to 2/16: Exceedance of Sulfur Dioxide ( $\text{SO}_2$ ) limit of 15.68lbs/hr (1 hour average)
    - Maximum reported value of 451 lbs/hr (1 hour average)
  - 2/14 to 2/16: Exceedance of Sulfur Dioxide ( $\text{SO}_2$ ) limit of 250ppm at 0%  $\text{O}_2$  (12-hr average)
    - Maximum reported value of 2,095ppm at 0%  $\text{O}_2$  (12-hr average)
  - 2/14 to 2/16: Exceedance of Hydrogen Sulfide ( $\text{H}_2\text{S}$ ) limit of 162ppm in flare gas (3-hr average)
    - Maximum reported value of 300ppm (3 hr average)
  - 2/14 to 2/16: Failure to maintain net heating value of flare combustion zone gas at or above 270 British thermal units per standard cubic feet (“Btu/scf” 15 minute block average)
    - Minimum reported value of 254 Btu/scf
- 1 spill event by Suncor since last update (January 28 – February 22)
  - 2/9: #1 Ultralow Sulfur Diesel (approximately 351 barrels released)
    - Occurred due to a piping component failure
    - Location: Plant 2, Tanks 48 & 49
    - 270 barrels of material have been recovered
- 2 events triggering Refinery Alarm System
  - 2/10: Caused by leak detected in refining process equipment
  - 2/16: Caused by vapor leak in crude unit



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# Suncor Monthly Report

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- Is included as an attachment in the packet
- Is provided as a monthly update by Suncor
- Includes discussion on:
  - March 8 Study Session topics
  - Environmental updates and operational notifications
  - Refinery Notifications “opt-in” system
  - COVID-19 vaccines – thank you to the city
  - Community investment update



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# Questions?

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City Council Meeting March 2021