



COLORADO

Oil & Gas Conservation
Commission

Department of Natural Resources

1120 Lincoln Street, Suite 801
Denver, CO 80203

December 7, 2015

Steve Reider
359 Peregrine Point
Eaton, CO 80615

Dear Mr. Reider,

The Colorado Oil and Gas Conservation Commission (COGCC) received your complaint regarding lack of signage and noise originating from the Waag South SESW location. Your complaint is documented in COGCC document number 200437980, which can be found on the "Complaints" page, off of our main website <http://cogcc.state.co.us/>. The COGCC investigated this complaint and documented the results in COGCC document number 200438017.

The following actions were taken to address your complaint:

- On 11/19/2015, COGCC Inspector Jeff Rikard conducted an inspection of the Waag South SESW location;
- Mr. Rikard conducted a sound survey at the location during pumping operations; and
- Mr. Rikard documented this inspection and sound survey in Field Inspection Report # 674102787, which is attached to this letter.

During the inspection, noise levels were found to be in compliance with COGCC rules. In addition, Mr. Rikard noted that signage was observed at the entrance to the location.

Therefore, the COGCC has determined that no violations occurred related to your complaint. Accordingly, the COGCC has closed the complaint and will not issue a notice of alleged violation (NOAV) related to this complaint.



Mr. Reider

December 7, 2015

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If you have questions related to this complaint or the investigation, please contact me.

Sincerely,



Megan Adamczyk, Complaint Specialist
303-894-2100 ext. 5145
dnr_cogcc.complaints@state.co.us

Inspector Name: Rickard, Jeff

FORM INSP Rev 05/11

State of Colorado Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80203 Phone: (303) 894-2100 Fax: (303) 894-2109



Table with columns DE, ET, OE, ES

Inspection Date: 11/19/2015

Document Number: 674102787

Overall Inspection: SATISFACTORY

FIELD INSPECTION FORM

Location Identifier, Facility ID, Loc ID, Inspector Name, On-Site Inspection, 2A Doc Num

Operator Information:

OGCC Operator Number, Name of Operator, Address, City, State, Zip

- THIS IS A FOLLOW UP INSPECTION
FOLLOW UP INSPECTION REQUIRED
NO FOLLOW UP INSPECTION REQUIRED
INSPECTOR REQUESTS FORM 42 WHEN CORRECTIVE ACTIONS ARE COMPLETED

Contact Information:

Table with columns Contact Name, Phone, Email, Comment

Compliance Summary:

QtrQtr: NESW Sec: 19 Twp: 7N Range: 65W

Inspector Comment:

Related Facilities:

Table with columns Facility ID, Type, Status, Status Date, Well Class, API Num, Facility Name, Insp Status

Equipment:

Location Inventory

Special Purpose Pits, Drilling Pits, Wells, Production Pits, Condensate Tanks, Water Tanks, Separators, Electric Motors, Gas or Diesel Mortors, Cavity Pumps, LACT Unit, Pump Jacks, Electric Generators, Gas Pipeline, Oil Pipeline, Water Pipeline, Gas Compressors, VOC Combustor, Oil Tanks, Dehydrator Units, Multi-Well Pits, Piggig Station, Flare, Fuel Tanks

Location

Emergency Contact Number (S/AV), Corrective Date, Comment

Inspector Name: Rickard, Jeff

Corrective Action: _____

Spills:

Type	Area	Volume	Corrective action	CA Date
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Multiple Spills and Releases?

Venting:

Yes/No	Comment
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Flaring:

Type	Satisfactory/Action Required	Comment	Corrective Action	CA Date
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Predrill

Location ID: 439201

Site Preparation:

Lease Road Adeq.: _____ Pads: _____ Soil Stockpile: _____

S/AV: _____

Corrective Action: _____ Date: _____ CDP Num.: _____

Form 2A COAs:

Group	User	Comment	Date
Final Review	deranleg	Operator shall install temporary engineering controls during drilling and completion activities to provide noise relief to nearby residents. Permanent equipment on location shall be muffled to reduce noise, or shall be appropriately buffered. Noise mitigation shall be designed and implemented to address both A-scale and C-scale noise. This COA for this Oil and Gas Location shall supersede any noise mitigation Best Management Practices proposed for individual Wells drilled from this multi-well pad.	10/04/2014
OGLA	andrewsd	Operator shall provide notice to COGCC 48 hours prior to commencing construction of this Oil and Gas Location via Form 42.	09/23/2014
OGLA	andrewsd	Operator must implement site-specific best management practices in accordance with good engineering practices, including, but not limited to, construction of a berm or diversion dike, site grading, or other comparable measures, sufficient to protect the irrigation ditch located 241 feet east of the oil and gas location from a release of drilling, completion, produced fluids, and chemical products.	09/23/2014

S/AV: _____ Comment: _____

CA: _____ Date: _____

Wildlife BMPs:

BMP Type	Comment
Drilling/Completion Operations	BOPE for well servicing operations. Adequate BOP equipment shall be used. Stabbing valves shall be installed in the event of reverse circulation and shall be prior tested with low and high pressure fluid.
Final Reclamation	Final Reclamation Within 90 days subsequent to the time of plugging and abandonment of the entire site, superfluous debris and equipment shall be removed from the site. Identification of plugged and abandoned wells will be identified pursuant to 319.a.(5)
Planning	Multi-well Pads. It is a multi-well pad located in a manner which allows for resource extraction while maintaining the highest distances possible from the offsetting residential areas.

Material Handling and Spill Prevention	Load-lines. All load-lines shall be bull-plugged or capped.
Drilling/Completion Operations	Blowout preventer equipment ("BOPE"). A double ram and annular preventer will be used during drilling. At least the drilling company shall have a valid well blowout prevention certifications.
General Housekeeping	Removal of surface trash. All trash, debris and material not intrinsic to the operation of the oil and gas facility shall be removed and legally disposed of as is applicable.
Drilling/Completion Operations	Closed Loop Drilling Systems – Pit Restrictions. Not applicable; a closed-loop system will be used for drilling
Final Reclamation	Well site cleared. Within 90-day subsequent to the time of plugging and abandonment of the entire site, superfluous debris and equipment shall be removed from the site.
Noise mitigation	Rig shrouding is not believed necessary as this is an industrial area and the only building unit within 1,000' is owned by the operator, however, at its election the operator may install temporary engineering controls consisting of perimeter sound walls shall be used on the location during drilling and completion activities to provide noise relief. Permanent equipment on location shall be muffled to reduce noise, or shall be appropriately buffered.
General Housekeeping	Fencing requirements. A permanent fencing plan will be reviewed by the surface owner, & the applicant.
Drilling/Completion Operations	Drill stem tests. Not applicable; no Drill Stem tests are planned.
Drilling/Completion Operations	Guy line anchors. All guy line anchors shall be brightly marked pursuant to Rule 604.c (2)Q
Drilling/Completion Operations	Green Completions – Emission Control Systems. Test separators and associated flow lines and sand traps shall be installed on-site to accommodate Green completions techniques pursuant to COGCC Rules. In the anticipated absence of a viable gas sales line, the flow-back gas shall be thermally oxidized in an emissions control device (ECD), which will be installed and kept in operable condition for least the first 90-days of production pursuant to CDPHE rules. This ECD shall have an adequate capacity for 1.5 times the largest flow-back within a 10 mile radius, will be flanged to route gas to other or permanent oxidizing equipment and shall be provided with the equipment needed to maintain combustion where non-combustible gases are present.
Drilling/Completion Operations	Pit level indicators. Not applicable; a closed-loop system will be used and no pits shall be dug.
Traffic control	Access roads. The access road will be constructed to accommodate local emergency vehicles. This road will be maintained for access at all times
Material Handling and Spill Prevention	Tank specifications. Tanks will be designed, constructed and maintained in accordance with NFPA Code 30. The tanks are visually inspected once a day for issues, and recorded inspections are conducted once a month.
Material Handling and Spill Prevention	Leak Detection Plan. Pumper will visit the location daily and visually inspect all tanks and fittings for leaks. Additionally, monthly documented SPCCP inspections are conducted pursuant to 40 CFR §112.
Odor mitigation	Per Rule 805: Oil & gas facilities and equipment shall be operated in such a manner that odors and dust do not constitute a nuisance or hazard to public welfare.
Drilling/Completion Operations	Control of fire hazards. All materials which are considered fire hazards shall be a minimum of 25' from the wellhead tanks or separators. Electrical equipment shall comply with API RP 500 and will comply with the current national electrical code. An emergency response plan has been generated for this site.

Inspector Name: Rickard, Jeff

Planning
Light sources during all phases of operations will be directed downwards and away from occupied structures where possible. Once the drilling and completion rigs leave the site, there will be no permanently installed lighting on site. Lighting shall be mounted at compressor stations on a pole or building and directed downward to illuminate key areas within the facility, while minimizing the amount of light projected outside the facility.

S/AV: _____ **Comment:** _____

CA: _____ **Date:** _____

Stormwater:

Comment: _____

Staking:

On Site Inspection (305):

Surface Owner Contact Information:

Name: _____ Address: _____

Phone Number: _____ Cell Phone: _____

Operator Rep. Contact Information:

Landman Name: _____ Phone Number: _____

Date Onsite Request Received: _____ Date of Rule 306 Consultation: _____

Request LGD Attendance: _____

LGD Contact Information:

Name: _____ Phone Number: _____ Agreed to Attend: _____

Summary of Landowner Issues:

Summary of Operator Response to Landowner Issues:

Onsite Inspection Memorandum Summarizing Discussions at Inspection as Attachment:

Facility

Facility ID: 439199 Type: WELL API Number: 123-40346 Status: DG Insp. Status: DG

Complaint

Comment: **Complaint DOC# 200437980. Area Resident complained about noise from the frac to the north of his residence. OGCC staff was on location on 11/19/15 to run a sound survey. Sound survey was located at 40.54750, -104.70863 The sound survey resulted in a LeqC average of 66.2 db. Location was pumping during the entire sound survey. OGCC staff did observe signs at the entrance of the location. 18A DOC#200438017.**

BradenHead

Comment: **Braden head is exposed at surface.**

CA: _____

CA Date: _____

Workover

Comment: **Frac**

Facility ID: 439200 Type: WELL API Number: 123-40347 Status: DG Insp. Status: DG

BradenHead

Comment: **Braden head is exposed at surface.**

CA:

CA Date:

Workover

Comment: **Frac**

Facility ID: 439201 Type: WELL API Number: 123-40348 Status: DG Insp. Status: DG

BradenHead

Comment: **Braden head is exposed at surface.**

CA:

CA Date:

Workover

Comment: **Frac**

Facility ID: 439202 Type: WELL API Number: 123-40349 Status: DG Insp. Status: DG

BradenHead

Comment: **Braden head is exposed at surface.**

CA:

CA Date:

Workover

Comment: **Frac**

Facility ID: 439203 Type: WELL API Number: 123-40350 Status: DG Insp. Status: DG

BradenHead

Comment: **Braden head is exposed at surface.**

CA:

CA Date:

Workover

Comment: **Frac**

Facility ID: 439205 Type: WELL API Number: 123-40351 Status: DG Insp. Status: DG

BradenHead

Comment: **Braden head is exposed at surface.**

CA:

CA Date:

Workover

Comment: **Frac**

Facility ID: 439206 Type: WELL API Number: 123-40352 Status: DG Insp. Status: DG

BradenHead

Comment: **Braden head is exposed at surface.**

CA:

CA Date:

Workover

Comment:

Environmental

Spills/Releases:

Type of Spill: _____ Description: _____ Estimated Spill Volume: _____

Comment:

Corrective Action: _____ Date: _____

Reportable: _____ GPS: Lat _____ Long _____

Proximity to Surface Water: _____ Depth to Ground Water: _____

Water Well:

Lat _____ Long _____

DWR Receipt Num: _____ Owner Name: _____ GPS : _____

Field Parameters:

Sample Location:

Emission Control Burner (ECB): Y

Comment: _____

Pilot: _____ Wildlife Protection Devices (fired vessels): YES

Reclamation - Storm Water - Pit

Interim Reclamation:

Date Interim Reclamation Started: _____ Date Interim Reclamation Completed: _____

Land Use: IRRIGATED

Comment:

1003a. Debris removed? _____ CM _____

CA _____ CA Date _____

Waste Material Onsite? _____ CM _____

CA _____ CA Date _____

Unused or unneeded equipment onsite? _____ CM _____

CA _____ CA Date _____

Pit, cellars, rat holes and other bores closed? _____ CM _____

CA _____ CA Date _____

Guy line anchors removed? _____ CM _____

CA _____ CA Date _____

Guy line anchors marked? _____ CM _____

CA _____ CA Date _____

1003b. Area no longer in use? In Production areas stabilized ? In

1003c. Compacted areas have been cross ripped? _____

1003d. Drilling pit closed? _____ Subsidence over on drill pit? _____

Cuttings management: _____

Inspector Name: Rickard, Jeff

1003e. Areas no longer needed for drilling or subsequent operations for have been re-vegetated to 80% of pre-existing? _____

Production areas have been stabilized? _____

Segregated soils have been replaced? _____

RESTORATION AND REVEGETATION

Cropland

Top soil replaced _____

Recontoured _____

Perennial forage re-established _____

Non-Cropland

Top soil replaced _____

Recontoured _____

80% Revegetation _____

1003 f. Weeds Noxious weeds? _____

Comment: _____

Overall Interim Reclamation _____

Final Reclamation/ Abandoned Location:

Date Final Reclamation Started: _____

Date Final Reclamation Completed: _____

Final Land Use: IRRIGATED

Reminder: _____

Comment: _____

Well plugged _____

Pit mouse/rat holes, cellars backfilled _____

Debris removed _____

No disturbance /Location never built _____

Access Roads Regraded _____

Contoured _____

Culverts removed _____

Gravel removed _____

Location and associated production facilities reclaimed _____

Locations, facilities, roads, recontoured _____

Compaction alleviation _____

Dust and erosion control _____

Non cropland: Revegetated 80% _____

Cropland: perennial forage _____

Weeds present _____

Subsidence _____

Comment: _____

Corrective Action: _____

Date _____

Overall Final Reclamation _____

Well Release on Active Location

Multi-Well Location

Storm Water:

Loc Erosion BMPs	BMP Maintenance	Lease Road Erosion BMPs	Lease BMP Maintenance	Chemical BMPs	Chemical BMP Maintenance	Comment
Gravel	Pass					
Ditches	Pass					

S/AV: SATISFACTOR

Corrective Date: _____

Y

Comment: _____

CA: _____

Pits: NO SURFACE INDICATION OF PIT

Attached Documents

You can go to COGCC Images (<https://cogcc.state.co.us/weblink/>) and search by document number:

Inspector Name: Rickard, Jeff

Document Num	Description	URL
674102788	Sound Survey	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3725558