

**FORM
INSP**Rev
X/15**State of Colorado
Oil and Gas Conservation Commission**1120 Lincoln Street, Suite 801, Denver, Colorado 80203
Phone: (303) 894-2100 Fax: (303) 894-2109

Inspection Date:

04/25/2018

Submitted Date:

04/30/2018

Document Number:

691300141**FIELD INSPECTION FORM**

Loc ID 430411 Inspector Name: Kraich, Adam On-Site Inspection ☐ 2A Doc Num: _____

Operator Information:OGCC Operator Number: 10459Name of Operator: EXTRACTION OIL & GAS INCAddress: 370 17TH STREET SUITE 5300City: DENVER State: CO Zip: 80202**Status Summary:**

- ☐ THIS IS A FOLLOW UP INSPECTION
- ☐ FOLLOW UP INSPECTION REQUIRED
- ☒ NO FOLLOW UP INSPECTION REQUIRED

Findings:13 Number of Comments1 Number of Corrective Actions☒ Corrective Action Response Requested**Contact Information:**

| Contact Name | Phone | Email | Comment |
|--------------|--------------|---------------------------------------|-----------------------------|
| Kraich, Adam | 970-420-0536 | Adam.Kraich@state.co.us | (Area 117) Field Operations |
| , | | COGCCInspections@extracti onog.com | All Inspections |

Inspected Facilities:

| Facility ID | Type | Status | Status Date | Well Class | API Num | Facility Name | Insp Status |
|-------------|----------|--------|-------------|------------|---------|---------------|-------------|
| 430411 | LOCATION | AC | 06/01/2017 | | - | Varra 5-l Pad | AC |

General Comment:

LocationOverall Good: ☒

Emergency Contact Number:

Comment:

Corrective Action:

Date: _____

Overall Good: ☒**Spills:**

Type

Area

Volume

In Containment: No

Comment:

☐ Multiple Spills and Releases?**Equipment:**

corrective date

Type: Gas Meter Run

2

Comment:

Corrective Action:

Date:

Type: Emission Control Device

3

Comment:

Corrective Action:

Date:

Type: VRU

5

Comment: 3 appear disconnected.

Corrective Action:

Date:

Type: VRT

1

Comment:

Corrective Action:

Date:

Type: Ancillary equipment

1

Comment: Oil load out

Corrective Action:

Date:

Type: Horizontal Heated Separator

13

Comment: 2 bulk, 11 300#

Corrective Action:

Date:

Type: Compressor

2

Comment: Sales

Corrective Action:

Date:

Type: Ancillary equipment

1

Comment: RTU

Corrective Action:

Date:

Tanks and Berms:

| Contents | # | Capacity | Type | Tank ID | SE GPS |
|-----------|---|----------|-----------|---------|--------|
| CRUDE OIL | 1 | 500 BBLS | STEEL AST | | , |

| | | | | | | | |
|--------------------|--|------------------|--|--|--|-------|--|
| Comment: | | maintenance tank | | | | | |
| Corrective Action: | | | | | | Date: | |

Paint

| | | | | | | | |
|------------------|----------|--|--|--|--|--|--|
| Condition | Adequate | | | | | | |
| Other (Content) | | | | | | | |
| Other (Capacity) | | | | | | | |
| Other (Type) | | | | | | | |

Berms

| | | | | | | | |
|--------------------|----------|---------------------|---------------------|-------------|--|-------|--|
| Type | Capacity | Permeability (Wall) | Permeability (Base) | Maintenance | | | |
| Metal | Adequate | Walls Sufficent | Base Sufficent | Adequate | | | |
| Comment: | | | | | | | |
| Corrective Action: | | | | | | Date: | |

| | | | | | | | |
|--------------------|---|-----------|---------------------|---------|--------|-------|--|
| Contents | # | Capacity | Type | Tank ID | SE GPS | | |
| CONDENSATE | 1 | <100 BBLS | CONCRETE SUMP/VAULT | | , | | |
| Comment: | | | | | | | |
| Corrective Action: | | | | | | Date: | |

Paint

| | | | | | | | |
|------------------|----------|--|--|--|--|--|--|
| Condition | Adequate | | | | | | |
| Other (Content) | | | | | | | |
| Other (Capacity) | | | | | | | |
| Other (Type) | | | | | | | |

Berms

| | | | | | | | |
|--------------------|----------|---|---------------------|-------------|--|-------|--|
| Type | Capacity | Permeability (Wall) | Permeability (Base) | Maintenance | | | |
| Metal | Adequate | Walls Sufficent | Base Sufficent | Adequate | | | |
| Comment: | | Shares berms with production tanks, and produced water tanks. | | | | | |
| Corrective Action: | | | | | | Date: | |

| | | | | | | | |
|--------------------|---|----------|-----------|---------|--------|-------|--|
| Contents | # | Capacity | Type | Tank ID | SE GPS | | |
| PRODUCED WATER | 2 | 400 BBLS | STEEL AST | | , | | |
| Comment: | | | | | | | |
| Corrective Action: | | | | | | Date: | |

Paint

| | | | | | | | |
|------------------|----------|--|--|--|--|--|--|
| Condition | Adequate | | | | | | |
| Other (Content) | | | | | | | |
| Other (Capacity) | | | | | | | |
| Other (Type) | | | | | | | |

Berms

| | | | | | | | |
|--------------------|----------|--|---------------------|-------------|--|-------|--|
| Type | Capacity | Permeability (Wall) | Permeability (Base) | Maintenance | | | |
| Earth | Adequate | Walls Sufficent | Base Sufficent | Adequate | | | |
| Comment: | | Shares berms with produced production tanks, and produced. | | | | | |
| Corrective Action: | | | | | | Date: | |

| | | | | | | |
|--------------------|----------|---|---------------------|-------------|--------|-------|
| Contents | # | Capacity | Type | Tank ID | SE GPS | |
| CRUDE OIL | 6 | 400 BBLs | STEEL AST | | , | |
| Comment: | | | | | | |
| Corrective Action: | | | | | | Date: |
| Paint | | | | | | |
| Condition | Adequate | | | | | |
| Other (Content) | | | | | | |
| Other (Capacity) | | | | | | |
| Other (Type) | | | | | | |
| Berms | | | | | | |
| Type | Capacity | Permeability (Wall) | Permeability (Base) | Maintenance | | |
| Metal | Adequate | Walls Sufficient | Base Sufficient | Adequate | | |
| Comment: | | Shares berms with produced water tanks, and condensate vault. | | | | |
| Corrective Action: | | | | | | Date: |
| Venting: | | | | | | |
| Yes/No | | | | | | |
| Comment: | | | | | | |
| Corrective Action: | | | | | | Date: |
| Flaring: | | | | | | |
| Type | | | | | | |
| Comment: | | | | | | |
| Corrective Action: | | | | | | Date: |

| Inspected Facilities | | | |
|----------------------|--|---------------|------------------|
| Facility ID: 430411 | Type: LOCATION | API Number: - | Status: AC |
| Insp. Status: AC | | | |
| Producing Well | | | |
| Comment: | PR | | |
| Corrective Action: | | Date: | |
| Complaint | | | |
| Comment: | <p>Inspection in response to complaint.</p> <p>Field Inspector Assigned: Adam Kraich</p> <p>Complaint Received:</p> <p>Date: 4-18-2018</p> <p>Complaint Contacted:</p> <p>Date: 4-18-2018 Time 12:30 AM</p> <p>Location #: 430411</p> <p>Inspection Document #: 691300141</p> <p>Nature of complaint: Noise</p> <p>Field Inspector Actions:</p> <p>On 4-18-2018, I received a complaint in regard to noise suspected to be coming off a neighboring oil and gas facility, the Varra 5-1, operated by Extraction. The complainant had specific issues with vibration on their property and home.</p> <p>On 4-18-2018, I performed a 24 hour sound study, however the data gathered was unusable. On the 19th the complainant stated the sound and vibrations were completely gone. I left the complaint open and had the complainant call me if the issues returned.</p> <p>On 4-24-2018, The complainant called me to inform the sound had returned. I set up overnight sound auditing equipment at the complainant residence on 4-25-2018 @ 14:45.</p> <p>On 4-30-2018, I retrieved sound equipment, and compiled the data. The data shows several points that exceed 65DB.</p> <p>COGCC noise survey results indicate noise levels exceed limits in Rule 802</p> <p>See attachments for sound study data.</p> <p>All information reviewed and site inspection information were submitted to the complaint specialist for further review.</p> | | |
| Corrective Action: | Comply with Rule 802. For low frequency issues, obtain a low frequency impact analysis and identify control measures. | | Date: 05/02/2018 |

Attached Documents

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

| Document Num | Description | URL |
|--------------|-------------------|---|
| 691300142 | Inspection Photos | http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4448910 |
| 691300143 | Sound Data | http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4448911 |