

**FORM
INSP**Rev
X/20**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:

10/01/2024

Submitted Date:

10/01/2024

Document Number:

697010202

FIELD INSPECTION FORM

| | | | | |
|---|----------------------------------|---|-------------------|---|
| Loc ID 430411 | Inspector Name: Peterson, Tom | On-Site Inspection <input type="checkbox"/> | 2A Doc Num: _____ | Status Summary: <input type="checkbox"/> THIS IS A FOLLOW UP INSPECTION <input checked="" type="checkbox"/> FOLLOW UP INSPECTION REQUIRED <input type="checkbox"/> NO FOLLOW UP INSPECTION REQUIRED |
| Operator Information: ECMC Operator Number: 10459 Name of Operator: EXTRACTION OIL & GAS INC Address: 555 17TH STREET SUITE 3700 City: DENVER State: CO Zip: 80202 | | | | Findings: 28 Number of Comments 3 Number of Corrective Actions <input checked="" type="checkbox"/> Corrective Action Response Requested |
| | | | | ANY CORRECTIVE ACTION(S) FROM PREVIOUS INSPECTIONS THAT HAVE NOT BEEN ADDRESSED ARE STILL APPLICABLE |

Contact Information:

| Contact Name | Phone | Email | Comment |
|--------------|-------|-------------------------------|---------|
| , | | Inspections@civiresources.com | |

Inspected Facilities:

| Facility ID | Type | Status | Status Date | Well Class | API Num | Facility Name | Insp Status |
|-------------|------|--------|-------------|------------|-----------|---------------|-------------|
| 438461 | WELL | PR | 04/01/2021 | OW | 123-39982 | Varra 2 | PR |
| 438462 | WELL | PR | 05/01/2021 | OW | 123-39983 | Varra 4 | PR |
| 438463 | WELL | PR | 06/01/2020 | OW | 123-39984 | Varra 3 | PR |
| 438464 | WELL | PR | 11/01/2022 | OW | 123-39985 | Varra 5 | PR |
| 438465 | WELL | PR | 05/01/2021 | OW | 123-39986 | Varra 9 | PR |
| 438466 | WELL | PR | 06/01/2017 | OW | 123-39987 | Varra 7 | PR |
| 438467 | WELL | PR | 06/01/2017 | OW | 123-39988 | Varra 8 | PR |
| 438468 | WELL | PR | 06/01/2017 | OW | 123-39989 | Varra 6 | PR |
| 438469 | WELL | PR | 06/01/2020 | OW | 123-39990 | Varra 10 | PR |
| 438470 | WELL | PR | 06/01/2017 | OW | 123-39991 | Varra 11 | PR |
| 438471 | WELL | SI | 06/01/2024 | OW | 123-39992 | Varra 12 | PR |

General Comment:

This is a routine audit. Any corrective actions from previous audits that have not been addressed are still applicable. There were no operator personnel on location at the time of this field audit.

LocationOverall Good: ☒

| | | | |
|----------------------|--|-------|------------|
| Signs/Marker: | | | |
| Type | TANK LABELS/PLACARDS | | |
| Comment: | North row of 400 bbl crude oil tanks and both 400 bbl produced water tanks contents and capacity placards have faded and are illegible, see attached photos. | | |
| Corrective Action: | Install sign to comply with Rule 605.h. | Date: | 11/04/2024 |
| Type | BATTERY | | |
| Comment: | | | |
| Corrective Action: | | Date: | |
| Type | CONTAINERS | | |
| Comment: | Chemical and methanol systems | | |
| Corrective Action: | | Date: | |
| Type | WELLHEAD | | |
| Comment: | x 11 | | |
| Corrective Action: | | Date: | |
| Type | OTHER | | |
| Comment: | Lease road entrance | | |
| Corrective Action: | | Date: | |

Emergency Contact Number:

Comment:

Corrective Action:

Date: _____

Overall Good: ☒

| | | | |
|----------------|------|--------|--|
| Spills: | | | |
| Type | Area | Volume | |

In Containment: No

Comment:

☐ Multiple Spills and Releases?

| | | | |
|--------------------|--------------------------|-------|--|
| Fencing/: | | | |
| Type | WELLHEAD | | |
| Comment: | Panel | | |
| Corrective Action: | | Date: | |
| Type | OTHER | | |
| Comment: | Sound wall at compressor | | |
| Corrective Action: | | Date: | |

| | | | |
|-----------------------|-----------------------------------|-------|-----------------|
| Equipment: | | | corrective date |
| Type: Gas Meter Run | # 2 | | |
| Comment: | DCP calibration cards are current | | |
| Corrective Action: | | Date: | |
| Type: Bird Protectors | # | | |

| | | | | |
|-----------------------------------|--|--|-------|------------|
| Comment: | Install wildlife screens on separator #10, see attached photo. | | Date: | 11/04/2024 |
| Corrective Action: | Install wildlife screen per Rule 608.b.(7). | | Date: | 11/04/2024 |
| Type: LACT | # 1 | | | |
| Comment: | | | | |
| Corrective Action: | | | Date: | |
| Type: Horizontal Separator | # 1 | | | |
| Comment: | | | | |
| Corrective Action: | | | Date: | |
| Type: Prime Mover | # 1 | | | |
| Comment: | Natural gas engine on compressor | | | |
| Corrective Action: | | | Date: | |
| Type: Horizontal Heated Separator | # 11 | | | |
| Comment: | | | | |
| Corrective Action: | | | Date: | |
| Type: Plunger Lift | # 11 | | | |
| Comment: | | | | |
| Corrective Action: | | | Date: | |
| Type: VRT | # 1 | | | |
| Comment: | | | | |
| Corrective Action: | | | Date: | |
| Type: Bird Protectors | # | | | |
| Comment: | Install wildlife screens on the large ECD air inlets to prevent access, see attached photos. | | | |
| Corrective Action: | Install wildlife screen per Rule 608.b.(7). | | Date: | 11/04/2024 |
| Type: Bradenhead | # 11 | | | |
| Comment: | Bradenhead valves are exposed at surface. | | | |
| Corrective Action: | | | Date: | |
| Type: Compressor | # 1 | | | |
| Comment: | | | | |
| Corrective Action: | | | Date: | |
| Type: VRU | # 1 | | | |
| Comment: | | | | |
| Corrective Action: | | | Date: | |
| Type: Gathering Line | # 1 | | | |
| Comment: | | | | |
| Corrective Action: | | | Date: | |
| Type: Pig Station | # 1 | | | |
| Comment: | | | | |
| Corrective Action: | | | Date: | |
| Type: Ancillary equipment | # | | | |

| | | | | | |
|-------------------------------|------|---|--|-------|--|
| Comment: | | Automation array, methanol and chemical systems in secondary containment, ECD scrubbers, bulk lube oil storage in secondary containment with wildlife protection, electrical systems, solar array | | Date: | |
| Corrective Action: | | | | Date: | |
| Type: Emission Control Device | # 4 | | | | |
| Comment: | | | | Date: | |
| Corrective Action: | | | | Date: | |
| Type: Vertical Separator | # 5 | | | | |
| Comment: | | | | Date: | |
| Corrective Action: | | | | Date: | |
| Type: Flow Line | # 11 | | | | |
| Comment: | | | | Date: | |
| Corrective Action: | | | | Date: | |
| Type: Prime Mover | # 3 | | | | |
| Comment: | | Electric motors on VRU and LACT | | Date: | |
| Corrective Action: | | | | Date: | |

Tanks and Berms:

| Contents | # | Capacity | Type | Tank ID | SE GPS |
|--------------------|---|------------------|-----------|---------|--------|
| CRUDE OIL | 1 | 400 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 Sufficient | Base Sufficient | Adequate | |
| Comment: | | | | | |
| Corrective Action: | | | | Date: | |
| Contents | # | Capacity | Type | Tank ID | SE GPS |
| CONDENSATE | 2 | <50 BBLS | BV CONCRETE | | , |
| Comment: | | | | | |
| Corrective Action: | | | | Date: | |

Paint

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

Berms

Inspector Name: Peterson, Tom

| | | | | | |
|--------------------|----------|---------------------|---------------------|-------------|-------|
| 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 |
| 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 | |
| Metal | Adequate | Walls Sufficent | Base Sufficent | Adequate | |
| Comment: | | | | | |
| Corrective Action: | | | | | Date: |

| | | | | | |
|--------------------|---------|-----------|-------------|---------|--------|
| Contents | # | Capacity | Type | Tank ID | SE GPS |
| PRODUCED WATER | 2 | <100 BBLS | BV CONCRETE | | , |
| Comment: | 60 bbls | | | | |
| 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 |
| CRUDE OIL | 14 | 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 Sufficent | Base Sufficent | Adequate | |
| Comment: | | | | | |
| Corrective Action: | | | | | Date: |
| Venting: | | | | | |
| Yes/No | NO | | | | |
| Comment: | | | | | |
| Corrective Action: | | | | | Date: |
| Flaring: | | | | | |
| Type | | | | | |
| Comment: | | | | | |
| Corrective Action: | | | | | Date: |

| Inspected Facilities | | | |
|--|-------------------------------|-----------------------|-----------------------------|
| Facility ID: 438461 | Type: WELL | API Number: 123-39982 | Status: PR Insp. Status: PR |
| Producing Well | | | |
| Comment: PR | | | |
| Corrective Action: | | Date: | |
| BradenHead | | | |
| Date of Last Brhd Test: 03/22/2024 | Annual Brhd Completed? Yes | | |
| Last Brhd Test Results | Initial Surf Csg Pressure: 21 | Fluid Type: | |
| | End Surf Csg Pressure: 0 | | |
| Comment: | | | |
| Corrective Action: | | Date: | |
| The subreport 'InspWellFlowline' could not be found at the specified location \\10.14.12 | | | |
| Facility ID: 438462 | Type: WELL | API Number: 123-39983 | Status: PR Insp. Status: PR |
| Producing Well | | | |
| Comment: PR | | | |
| Corrective Action: | | Date: | |
| BradenHead | | | |
| Date of Last Brhd Test: 03/22/2024 | Annual Brhd Completed? Yes | | |
| Last Brhd Test Results | Initial Surf Csg Pressure: 24 | Fluid Type: | |
| | End Surf Csg Pressure: 0 | | |
| Comment: | | | |
| Corrective Action: | | Date: | |
| The subreport 'InspWellFlowline' could not be found at the specified location \\10.14.12 | | | |
| Facility ID: 438463 | Type: WELL | API Number: 123-39984 | Status: PR Insp. Status: PR |
| Producing Well | | | |
| Comment: PR | | | |
| Corrective Action: | | Date: | |
| BradenHead | | | |
| Date of Last Brhd Test: 03/22/2024 | Annual Brhd Completed? Yes | | |
| Last Brhd Test Results | Initial Surf Csg Pressure: 7 | Fluid Type: | |
| | End Surf Csg Pressure: 0 | | |
| Comment: | | | |
| Corrective Action: | | Date: | |
| The subreport 'InspWellFlowline' could not be found at the specified location \\10.14.12 | | | |
| Facility ID: 438464 | Type: WELL | API Number: 123-39985 | Status: PR Insp. Status: PR |
| Producing Well | | | |
| Comment: PR | | | |
| Corrective Action: | | Date: | |

| | | | |
|------------------------------------|--|------------------------------|-------------|
| BradenHead | | | |
| Date of Last Brhd Test: 03/22/2024 | | Annual Brhd Completed? Yes | |
| Last Brhd Test Results | | Initial Surf Csg Pressure: 9 | Fluid Type: |
| | | End Surf Csg Pressure: 0 | |
| Comment: | | | |
| Corrective Action: | | Date: | |

The subreport 'InspWellFlowline' could not be found at the specified location \\10.14.12

| | | | | |
|---------------------|------------|-----------------------|------------|------------------|
| Facility ID: 438468 | Type: WELL | API Number: 123-39989 | Status: PR | Insp. Status: PR |
|---------------------|------------|-----------------------|------------|------------------|

| | | | |
|-----------------------|--|-------|--|
| Producing Well | | | |
| Comment: PR | | | |
| Corrective Action: | | Date: | |

| | | | |
|------------------------------------|--|------------------------------|-------------|
| BradenHead | | | |
| Date of Last Brhd Test: 03/22/2024 | | Annual Brhd Completed? Yes | |
| Last Brhd Test Results | | Initial Surf Csg Pressure: 9 | Fluid Type: |
| | | End Surf Csg Pressure: 0 | |
| Comment: | | | |
| Corrective Action: | | Date: | |

The subreport 'InspWellFlowline' could not be found at the specified location \\10.14.12

| | | | | |
|---------------------|------------|-----------------------|------------|------------------|
| Facility ID: 438469 | Type: WELL | API Number: 123-39990 | Status: PR | Insp. Status: PR |
|---------------------|------------|-----------------------|------------|------------------|

| | | | |
|-----------------------|--|-------|--|
| Producing Well | | | |
| Comment: PR | | | |
| Corrective Action: | | Date: | |

| | | | |
|------------------------------------|--|------------------------------|-------------|
| BradenHead | | | |
| Date of Last Brhd Test: 03/22/2024 | | Annual Brhd Completed? Yes | |
| Last Brhd Test Results | | Initial Surf Csg Pressure: 0 | Fluid Type: |
| | | End Surf Csg Pressure: 0 | |
| Comment: | | | |
| Corrective Action: | | Date: | |

The subreport 'InspWellFlowline' could not be found at the specified location \\10.14.12

| | | | | |
|---------------------|------------|-----------------------|------------|------------------|
| Facility ID: 438470 | Type: WELL | API Number: 123-39991 | Status: PR | Insp. Status: PR |
|---------------------|------------|-----------------------|------------|------------------|

| | | | |
|-----------------------|--|-------|--|
| Producing Well | | | |
| Comment: PR | | | |
| Corrective Action: | | Date: | |

| | | | |
|--|--|--|--|
| | | | |
|--|--|--|--|

| | | | |
|------------------------------------|--|-------------------------------|-------------|
| BradenHead | | | |
| Date of Last Brhd Test: 03/22/2024 | | Annual Brhd Completed? Yes | |
| Last Brhd Test Results | | Initial Surf Csg Pressure: 33 | Fluid Type: |
| | | End Surf Csg Pressure: 0 | |
| Comment: | | | |
| Corrective Action: | | | Date: |

The subreport 'InspWellFlowline' could not be found at the specified location \\10.14.12

| | | | | |
|---------------------|------------|-----------------------|------------|------------------|
| Facility ID: 438471 | Type: WELL | API Number: 123-39992 | Status: SI | Insp. Status: PR |
|---------------------|------------|-----------------------|------------|------------------|

| | | | |
|-----------------------|--|-------|--|
| Producing Well | | | |
| Comment: PR | | | |
| Corrective Action: | | Date: | |

| | | | |
|------------------------------------|--|------------------------------|-------------|
| BradenHead | | | |
| Date of Last Brhd Test: 03/22/2024 | | Annual Brhd Completed? Yes | |
| Last Brhd Test Results | | Initial Surf Csg Pressure: 0 | Fluid Type: |
| | | End Surf Csg Pressure: 0 | |
| Comment: | | | |
| Corrective Action: | | | Date: |

The subreport 'InspWellFlowline' could not be found at the specified location \\10.14.12

Reclamation - Storm Water - Pit

Storm Water:

| | | | | | | |
|------------------|-----------------|-------------------------|-----------------------|-----------------|--------------------------|---------|
| Loc Erosion BMPs | BMP Maintenance | Lease Road Erosion BMPs | Lease BMP Maintenance | Chemical BMPs | Chemical BMP Maintenance | Comment |
| Gravel | Pass | Gravel | Pass | Self Inspection | Pass | |

Comment:

Corrective Action:

Date:

Pits: ☐ NO SURFACE INDICATION OF PIT

ECMC Comments

| Comment | User | Date |
|---|-----------|------------|
| <p>ECMC Audit Report Summary</p> <p>On Tuesday 10/1/2024 at approximately 11:15 hours, I, Inspector Tom Peterson, conducted an on-site inspection at the Extraction Varra 5-1 Pad location #430411 in Weld County, Colorado.</p> <p>While there, I observed that the north row of crude oil tanks and produced water tanks contents and capacity placarding had faded and was illegible. The large ECD unit inlets were unscreened and separator #10 burner was unscreened to wildlife and unauthorized access. During this inspection the following possible compliance issues were observed: Rule 605.h. with a corrective action date of 11/4/2024 and Rule 608.b.(7). with a corrective action date of 11/4/2024.</p> <p>A follow up inspection on this site needs to be conducted to ensure the compliance issues have been corrected to comply with ECMC rules.</p> <p>This is a summary of the inspection report.</p> | petersont | 10/01/2024 |

Attached Documents

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

| Document Num | Description | URL |
|--------------|-------------|---|
| 697010203 | Photos | https://ecmc.state.co.us/weblink/DownloadDocumentPDF.aspx?DocumentId=6729369 |