

**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 2A Doc Num: _____

Status Summary:

- THIS IS A FOLLOW UP INSPECTION
- FOLLOW UP INSPECTION REQUIRED
- 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
- 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.

Location

Overall Good:

Signs/Marker:			
Type	OTHER		
Comment:	Lease road entrance		
Corrective Action:			Date:
Type	WELLHEAD		
Comment:	x 11		
Corrective Action:			Date:
Type	CONTAINERS		
Comment:	Chemical and methanol systems		
Corrective Action:			Date:
Type	BATTERY		
Comment:			
Corrective Action:			Date:
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

Emergency Contact Number:

Comment:

Corrective Action:

Date: _____

Overall Good:

Spills:			
Type	Area	Volume	

In Containment: No

Comment:

Multiple Spills and Releases?

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

Equipment:			corrective date
Type: VRU	# 1		
Comment:			
Corrective Action:			Date:
Type: Pig Station	# 1		

Comment:			
Corrective Action:			Date:
Type: Emission Control Device	# 4		
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		
Corrective Action:			Date:
Type: Gathering Line	# 1		
Comment:			
Corrective Action:			Date:
Type: Bradenhead	# 11		
Comment:	Bradenhead valves are exposed at surface.		
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: <u>11/04/2024</u>
Type: VRT	# 1		
Comment:			
Corrective Action:			Date:
Type: Plunger Lift	# 11		
Comment:			
Corrective Action:			Date:
Type: Prime Mover	# 1		
Comment:	Natural gas engine on compressor		
Corrective Action:			Date:
Type: LACT	# 1		
Comment:			
Corrective Action:			Date:
Type: Bird Protectors	#		
Comment:	Install wildlife screens on separator #10, see attached photo.		
Corrective Action:	Install wildlife screen per Rule 608.b.(7).		Date: <u>11/04/2024</u>
Type: Compressor	# 1		
Comment:			
Corrective Action:			Date:
Type: Gas Meter Run	# 2		
Comment:	DCP calibration cards are current		
Corrective Action:			Date:

Type: Horizontal Separator	# 1		
Comment:			
Corrective Action:			Date:
Type: Vertical Separator	# 5		
Comment:			
Corrective Action:			Date:
Type: Flow Line	# 11		
Comment:			
Corrective Action:			Date:
Type: Prime Mover	# 3		
Comment:	Electric motors on VRU and LACT		
Corrective Action:			Date:
Type: Horizontal Heated Separator	# 11		
Comment:			
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
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
CONDENSATE	2	<50 BBLS	BV CONCRETE		,
Comment:					
Corrective Action:					Date:
<u>Paint</u>					
Condition	Adequate				
Other (Content)					
Other (Capacity)					
Other (Type)					
<u>Berms</u>					
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:
<u>Paint</u>					
Condition	Adequate				
Other (Content)					
Other (Capacity)					
Other (Type)					
<u>Berms</u>					
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:
<u>Paint</u>					
Condition	Adequate				
Other (Content)					
Other (Capacity)					

Other (Type) _____	
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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: 1 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: 438465 Type: WELL API Number: 123-39986 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: 3 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: 438466 Type: WELL API Number: 123-39987 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: 3 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: 438467 Type: WELL API Number: 123-39988 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 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. 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. A follow up inspection on this site needs to be conducted to ensure the compliance issues have been corrected to comply with ECMC rules. 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
403942179	INSPECTION SUBMITTED	https://ecmc.state.co.us/weblink/DownloadDocumentPDF.aspx?DocumentId=6729376
697010203	Photos	https://ecmc.state.co.us/weblink/DownloadDocumentPDF.aspx?DocumentId=6729369