

**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:

12/18/2017

Submitted Date:

12/19/2017

Document Number:

680302827**FIELD INSPECTION FORM**Loc ID 312318 Inspector Name: SCHURE, KYM On-Site Inspection ☐ 2A Doc Num: _____**Operator Information:**OGCC Operator Number: 10032Name of Operator: H & M PETROLEUM CORPORATIONAddress: PO BOX 2487City: COLORADO State: CO Zip: 80901**Status Summary:**

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

Findings:24 Number of Comments10 Number of Corrective Actions

- ☒ Corrective Action Response Requested

Contact Information:

Contact Name	Phone	Email	Comment
Burn, Diana		diana.burn@state.co.us	Engineering Supervisor
Quint, Craig		craig.quint@state.co.us	Field Inspection Supervisor
Leonard, Mike		mike.leonard@state.co.us	Quality Assurance
Buysee, Tom	320-761-8865	tom@tomsfoodpride.net	Operator - All Inspections
Axelson, John		john.axelson@state.co.us	Environmental Supervisor
Hazard, Ellice		ellice.hazard@state.co.us	Flow lines - risers

Inspected Facilities:

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status
266878	WELL	PR	05/06/2003	OW	075-09334	CATHERINE 3	PR

General Comment:

Follow-up FIR. Original compliance citations from Doc#680302640 dated 10/17/2017, follow-up FIR on CA's (corrective actions) from Doc#680302749 dated 11/28/2017, 2nd follow-up FIR Doc#680302827 responding to Form 42 received on Fri. Dec. 15, 2017 @2:17 PM MST notifying COGCC (Field Inspector Schure) of All Corrective Actions required by FIR's have been performed on 12/15/2017 with site ready for inspection. FIR site-inspection performed on 12/18/2017 for CA compliance and documented in this report, Doc#680302827. Numerous unresolved corrective actions observed on 12/18/2017 included in this FIR.

NOTE TO OPERATOR: Please read FIR completely and contact COGCC Field Inspection Supervisor (Craig Quint) and COGCC Environmental Supervisor (John Axelson) for directives.

Photographs of site FIR dated 12/18/2017 attached.

Location			
Lease Road:			
Type	Access		
comment:	Two track.		
Corrective Action	L		Date:
Overall Good: <input type="checkbox"/>			
Signs/Marker:			
Type	WELLHEAD		
Comment:	NO SIGN AT WELLHEAD		
Corrective Action:	Install sign to comply with Rule 210 series.		Date: 11/18/2017
Emergency Contact Number:			
Comment:	NO SIGN AT WELLHEAD		
Corrective Action:	Install sign to comply with Rule 210 series.		Date: 11/18/2017
Good Housekeeping:			
Type	STORAGE OF SUPL		
Comment:	Barrels/jugs @ pump jack outside of shed and within shed		
Corrective Action:	Remove all containers or provide containment.		Date: 11/02/2017
Type	WEEDS		
Comment:	Weeds have been removed from PJ/Wellhead and Tank Battery. Weeds have not been removed from skim tank/vessel location and PW pit berms.		
Corrective Action:	Remove and maintain weed control year-round on entire location.		Date: 11/18/2017
Overall Good: <input type="checkbox"/>			
Spills:			
Type	Area	Volume	
Lube Oil	Pump Jack	<= 1 bbl	
Comment:	Remove/remediate lube oil @ PJ. Repair leak @ gear box. Contact COGCC Environmental Group for directives.		
Corrective Action:	Remove/remediate lube oil @ base of PJ. Remove/remediate affected soils in contact with lube oil.		Date: 10/20/2017
Crude Oil			
Comment:	CO present on surface of PW pit floor and inside earthen walls of PW pit. Contact COGCC Environmental Group for directives.		
Corrective Action:	Remove/remediate all affected soils and free product from PW pit per COGCC 902 Rule series. Contact COGCC Environmental Group for compliance.		Date: 10/19/2017
In Containment: No			
Comment:			
<input checked="" type="checkbox"/> Multiple Spills and Releases?			
Fencing/:			
Type	TANK BATTERY		
Comment:	Livestock		
Corrective Action:			Date:
Type	PUMP JACK		
Comment:			

Corrective Action:		Date:	
Type	LOCATION		
Comment:			
Corrective Action:		Date:	

Equipment:			corrective date
Type: Ancillary equipment	# 2		
Comment:	Propane tanks		
Corrective Action:		Date:	
Type: Vertical Separator	# 1		
Comment:			
Corrective Action:		Date:	
Type: Deadman # & Marked	# 4		
Comment:			
Corrective Action:		Date:	
Type: Prime Mover	# 1		
Comment:	Ajax NG Engine is out of service. Piston removed.		
Corrective Action:		Date:	
Type: Vertical Heated Separator	# 1		
Comment:			
Corrective Action:		Date:	
Type: Bird Protectors	# 1		
Comment:			
Corrective Action:		Date:	
Type: Pump Jack	# 1		
Comment:			
Corrective Action:		Date:	

Tanks and Berms:

Contents	#	Capacity	Type	Tank ID	SE GPS
PRODUCED WATER	1		PBV STEEL		,
Comment:	Area surrounding PW/skim tank remains over-grown with weeds presenting a fire and safety hazard. Prohibiting inspection of contents of tank.				
Corrective Action:	Remove and maintain control of weeds for year-round access, safety and fire control.				Date: 10/25/2017

Paint

Condition	
Other (Content)	
Other (Capacity)	
Other (Type)	

Berms

Type	Capacity	Permeability (Wall)	Permeability (Base)	Maintenance
Earth				Inadequate

Comment:		PW pit overgrown with weeds.					
Corrective Action:		Remove/remediate affected soils and weeds at PW pit and PW/skim tank.				Date: 10/25/2017	
Contents	#	Capacity	Type	Tank ID	SE GPS		
CRUDE OIL	2	300 BBLs	STEEL AST		,		
Comment:							
Corrective Action:						Date:	
Paint							
Condition							
Other (Content)							
Other (Capacity)							
Other (Type)							
Berms							
Type	Capacity	Permeability (Wall)	Permeability (Base)	Maintenance			
Comment:							
Corrective Action:						Date:	
Venting:							
Yes/No							
Comment:							
Corrective Action:					Date:		
Flaring:							
Type							
Comment:							
Corrective Action:					Date:		

Inspected Facilities

Facility ID: 266878 Type: WELL API Number: 075-09334 Status: PR Insp. Status: PR

Producing Well

Comment: Well status shows PR. Location/Site, service condition of pump jack, fluids in PW pit and COGCC Production Reporting ending in July of 2015 indicate well has been out of production for an unknown timeline. Observations indicate well has been out of production for at least the 2017 vegetation season. Contact COGCC Engineering Supervisor (Diana Burn) for well status update and MIT requirement.

Corrective Action:

Date:

Flowline

#1 Type:

of Lines

Flowline Description

Flowline Type:

Size:

Material:

Variance:

Age:

Contents:

Integrity Summary

Failures:

Spills:

Repairs Made:

Coatings:

H2S:

Cathodic Protection:

Pressure Testing

Witnessed:

Test Result:

Charted:

COGCC Rules(check all that apply)☐ 1101. Installation and Reclamation☐ 1102. Operations, Maintenance, and Repair☐ 1103. Abandonment

Comment: Unidentified risers @ tank battery. Contact COGCC Engineer (Elice Hazard) for compliance related to flow-line risers and lock out/removal requirements. See attached photographs. Cited in previous FIR Doc#680302749 dated 11/28/2017.

Corrective Action:

Date:

Environmental**Spills/Releases:**

Type of Spill: OIL

Estimated Spill Volume: _____

Comment:

Contact COGCC Environmental Group for directives. Estimated spill volume undetermined. None/Zero CO product is allowed to be in contact with PW or earthen/soils within PW pit or upon berms.

Corrective Action:

Remove/Remediate all affected soils and free product @ PW pit and Lube oil @ pump jack. Contact COGCC Environmental Group for directives.

Date: 10/19/2017

Reportable: YES

GPS: Lat 40.970200

Long -103.469440

Proximity to Surface Water:

Depth to Ground Water: _____

Water Well Complaint:

Lat

Long

DWR Receipt Num: _____

Owner Name: _____

GPS :

Field Parameters:

Sample Location: _____

Comment: _____

Reclamation - Storm Water - Pit**Storm Water:**

Loc Erosion BMPs	BMP Maintenance	Lease Road Erosion BMPs	Lease BMP Maintenance	Chemical BMPs	Chemical BMP Maintenance	Comment
Other	In Process	Other	In Process			

Comment: [Use BMP's for stormwater erosion management. Well and facility are located on separate sides of a drainage basin to be assessed by COGCC Environmental Group for sensitivity.](#)

Corrective Action: [Install and maintain stormwater erosion BMP's per Rule 1002 series.](#)

Date: _____

Pits: ☐ NO SURFACE INDICATION OF PIT

COGCC Comments

Comment	User	Date
NOTE TO OPERATOR: Read FIR completely and contact appropriate COGCC Groups for directives and corrective action resolutions. See attached and dated photographs for reference. Corrective action dates for compliance on all unresolved citations remain dated as of original corrective action dates.	schureky	12/19/2017

Attached Documents

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

Document Num	Description	URL
401490845	INSPECTION SUBMITTED	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4330433
680302828	Sign at battery - NO sign at wellhead	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4330425
680302829	Weeds @ PW pit berms	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4330426
680302830	CO deposits on soils @ PW pit	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4330427
680302831	PW pit conditions, spill.	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4330428
680302832	Weeds @ PW-skim tank	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4330429
680302833	Berm conditions @ PW pit	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4330430
680302834	Flow-lines / risers @ tank battery	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4330431
680302835	Flow-lines / risers @ tank battery	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4330432