

**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:

10/17/2017

Submitted Date:

10/18/2017

Document Number:

680302640

FIELD INSPECTION FORM

Loc ID 312318 Inspector Name: SCHURE, KYM 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:

OGCC Operator Number: 10032
Name of Operator: H & M PETROLEUM CORPORATION
Address: PO BOX 2487
City: COLORADO State: CO Zip: 80901

Findings:

- 27 Number of Comments
- 15 Number of Corrective Actions
- Corrective Action Response Requested

Contact Information:

Contact Name	Phone	Email	Comment
Axelson, John		john.axelson@state.co.us	Environmental Supervisor
Young, Rob		rob.young@state.co.us	EPS
Burn, Diana		diana.burn@state.co.us	Engineering Supervisor
Leonard, Mike		mike.leonard@state.co.us	Field Inspection Quality Assurance
Tim, Gladys		susanatksa@aol.com	H&M Petroleum Corp. contact
Quint, Craig		craig.quint@state.co.us	Field Inspection Supervisor

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:

Routine Site/Inventory Inspection FIR
NOTE TO OPERATOR: READ FIR COMPLETELY AND RESPOND PER CORRECTIVE ACTIONS REQUIREMENTS. CONTACT COGCC: ENVIRONMENTAL GROUP STAFF, COGCC ENGINEERING GROUP STAFF AND COGCC FIELD INSPECTION GROUP STAFF FOR DIRECTIVES PER CA DATES AND RESPONSES FOR RESOLUTION. Current house-keeping/weed control/maintenance presents a safety/fire hazard and limits field inspection assessment. Follow-up field inspection scheduled for (10) days from date of this FIR. Status of PW pit with free product on surface and CO deposits on inside earthen walls of PW pit require (24) hour notification by Operator to COGCC Environmental Group and (48) hour removal/remediation. Overall condition of location presents a safety, environmental and fire hazard. Conditions prevent adequate inspection of entire location for compliance assessment. Current surface conditions and equipment service conditions indicate this well has been in TA status through recent vegetation season, well status showing PR on scout card. Contact COGCC Engineering Supervisor for well status compliance and directives.

Location			
Lease Road:			
Type	Access		
comment:	Repair and maintain lease road		
Corrective Action:	Location is within a designated setback location, maintain and repair access roads per Rule 604c.(2)S.		Date: <u>11/18/2017</u>
Overall Good: <input type="checkbox"/>			
Signs/Marker:			
Type	WELLHEAD		
Comment:	No sign @ wellhead		
Corrective Action:	Sign not posted or information inaccurate at well or battery. Install sign to comply with Rule 210.b.		Date: <u>11/18/2017</u>
Emergency Contact Number:			
Comment:	Emergency contact no. invalid. Called 1-800-220-5936, no service available. (3) attempts to contact.		
Corrective Action:	Sign not posted or emergency contact information inaccurate at well or battery. Install sign to comply with Rule 210 series.		Date: <u>11/18/2017</u>
Good Housekeeping:			
Type	WEEDS		
Comment:	Entire location is over-grown with weeds, indicating the well has been out of service in current season.		
Corrective Action:	Remove and maintain control of weeds year-round.		Date: <u>11/18/2017</u>
Type	STORAGE OF SUPL		
Comment:	Barrels @ pump jack without containment		
Corrective Action:	Remove containers or provide containment.		Date: <u>11/02/2017</u>
Overall Good: <input type="checkbox"/>			
Spills:			
Type	Area	Volume	
Crude Oil			
Comment:	CO present on surface of PW pit and inside earthen walls of PW pit. PW is drawn down from evaporation, indicating PW production/well has been out of service. Quantity of spill is undetermined @ time/date of this FIR.		
Corrective Action:	Free product on surface of PW pit and inside earthen wall of PW pit. Contact COGCC Environmental Group immediately for notification and directives for removal/remediation. Reference COGCC 902 Rule series for compliance. CA Date set for (24) hour response for COGCC notification and (48) hours for resolution.		Date: <u>10/19/2017</u>
Lube Oil	Pump Jack	<= 1 bbl	
Comment:	Remove/remediate lube oil at Pump Jack. Repair leak at gear box. Contact COGCC Environmental Group for Directives.		
Corrective Action:	Remove free fluids/product/CO from PW pit. Remove/remediate affected soils in contact within PW pit. Contact COGCC Environmental Group for directives.		Date: <u>10/20/2017</u>
In Containment: No			
Comment:	<input type="text"/>		
<input type="checkbox"/> Multiple Spills and Releases?			
Fencing/:			
Type	LOCATION		
Comment:	Livestock		

Corrective Action:		Date:
Equipment:		corrective date
Type: Pump Jack	# 1	
Comment:	Weeds restricting inspection. Field Inspection follow-up within (7) days of this FIR. Current status of location maintenance presents a safety hazard for COGCC staff.	
Corrective Action:	Remove/maintain control of weeds to provide access for field inspections. Current status of pump jack and surrounding location indicates production has been out of service through this vegetation season. Contact COGCC Engineering Group for directives related to well status and return to production.	Date: <u>10/25/2017</u>
Type: Ancillary equipment	# 2	
Comment:	Propane tank	
Corrective Action:		Date:
Type: Prime Mover	# 1	
Comment:	AJAX NG Engine is out of service, cylinder removed. Based on the disrepair and lack of maintenance on-site indicating PJ has been out of service for current vegetation season.	
Corrective Action:		Date:
Type: Deadman # & Marked	# 4	
Comment:	Mark all deadman with highly visible markers (4') tall.	
Corrective Action:	Install markers (4') tall on all deadman.	Date: <u>11/18/2017</u>
Type: Bird Protectors	# 1	
Comment:		
Corrective Action:		Date:
Type: Vertical Heated Separator	# 1	
Comment:		
Corrective Action:		Date:
Type: Vertical Separator	# 2	
Comment:		
Corrective Action:		Date:

Tanks and Berms:

Contents	#	Capacity	Type	Tank ID	SE GPS
PRODUCED WATER	1		PBV STEEL		,
Comment:	Over-grown weeds @ PW/skim vessel.				
Corrective Action:	Remove/maintain weed control. Remove CO product from within skim tank.				Date: <u>11/02/2017</u>

Paint

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

Berms

Type	Capacity	Permeability (Wall)	Permeability (Base)	Maintenance
Comment:				

Corrective Action:					Date:
Contents	#	Capacity	Type	Tank ID	SE GPS
CRUDE OIL	2	300 BBLs	STEEL AST		
Comment: Location over-grown with weeds, restricting access and presenting a safety and fire hazard @ tank battery.					
Corrective Action: Remove and maintain weed control year-round for access, safety and fire control. Re-inspection scheduled for (10) days after this FIR.					Date: 10/25/2017

Paint

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

Berms

Type	Capacity	Permeability (Wall)	Permeability (Base)	Maintenance
Earth	Inadequate	Walls Insufficient	Base Insufficient	Inadequate
Comment: Assessment of berms based on over-growth of weeds prohibiting inspection of area/location including tank battery, skim vessel, PW pit berms.				
Corrective Action: Remove and maintain weed control for safety and fire prevention.				
Date: 10/25/2017				

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 show PR. Location/Site, condition of pump jack and level of fluids in PW pit, indicate well has been out of production during current vegetation period.

Corrective Action:

Date:

Environmental

Spills/Releases:

Type of Spill: OIL Estimated Spill Volume: _____

Comment: Contact COGCC Environmental Group for directives. CO present on remaining water surface of PW pit. No/zero CO product is allowed to be in contact with PW or earth/soils within PW pit.

Corrective Action: Contact COGCC Environmental Group for notification and CA dates. Remove/remediate free product and affected soils per COGCC Environmental Group directives. Date: 10/25/2017

Reportable: YES GPS: Lat 40.970200 Long -103.469440

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

Water Well Complaint:

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

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	Fail	Other	Fail			

Comment: Well and facility are located near a drainage basin to be assessed by COGCC Environmental Group for sensitivity.

Corrective Action: Install and maintain stormwater BMP's per Rule 1002.f. Refer to the 1002.f. guidance document for further details.

Date: 11/18/2017

Pits: NO SURFACE INDICATION OF PIT

Type: Produced Water Lined: NO Pit ID: Lat: 40.970200 Long: -103.469440

Reference Point: _____ Other: _____ Length: _____ Width: _____

Lining:

Liner Type: _____ Liner Condition: _____

Comment: PW pit berms over-grown with weeds. Area surrounding skim vessel over-grown with weeds. Prohibiting field inspection, creating a safety and fire hazard. CO deposits in contact with remaining PW and earthen walls within berms @ PW pit.

Corrective Action

Remove and maintain weeds on location/berms. Remove free fluids and contact COGCC Environmental staff per Rule 902 .c. , 906.a. , 906.b., 906.c., 906.d.(1) CA date set on requirement to notify COGCC Environmental for spill reporting. Remove/remediate free product @ PW pit and affected soils.

Date: 10/25/2017c

Fencing:

Fencing Type: Livestock Fencing Condition: _____

Comment: _____

Corrective Action

Date: _____

Netting:

Netting Type: _____ Netting Condition: _____

Comment: _____

Corrective Action

Date: _____

Anchor Trench Present: _____ Oil Accumulation: _____ 2+ feet Freeboard: _____

Comment: _____

Corrective Action

Date: _____

COGCC Comments

Comment	User	Date
NOTE TO OPERATOR: PLEASE READ FIR COMPLETELY AND CONTACT ALL COGCC GROUPS FOR DIRECTIVES AND CORRECTIVE ACTION RESOLUTIONS. SEE ATTACHED PHOTOGRAPHS FOR REFERENCE.	schureky	10/18/2017

Attached Documents

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

Document Num	Description	URL
680302651	Lubrication spill @ pump jack	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4278264
680302652	Access road gate/fence	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4278265

680302653	Weeds @ pump jack	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4278266
680302654	Container/barrel @ PJ	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4278267
680302655	Wellhead	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4278268
680302656	Lube oil @ PJ	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4278269
680302657	Gear box leak @ PJ	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4278270
680302658	Storage in PJ shed - dismantled AJAX	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4278271
680302659	AJAX - out of service	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4278272
680302660	Separator - housekeeping	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4278273
680302661	Unmarked deadman	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4278274
680302662	Weeds/housekeeping @ HV Separator	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4278275
680302663	Weeds @ tank battery	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4278276
680302664	Weeds location wide	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4278277
680302665	Weeds @ tank battery berms	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4278278
680302666	Weeds @ skim vessel	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4278279
680302667	Signage @ skim vessel - no quantity	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4278280
680302668	Weeds-surface condition-free product PW pit	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4278281
680302669	Affected/contact soils with CO @ PW pit	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4278282
680302670	CO deposit within/upon berm walls/floor PW pit	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4278283
680302671	Free product on water surface @ PW pit	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4278284