

**FORM  
INSP**

Rev  
05/11

**State of Colorado  
Oil and Gas Conservation Commission**

1120 Lincoln Street, Suite 801, Denver, Colorado 80203 Phone: (303) 894-2100 Fax: (303) 894-2109



DE	ET	OE	ES
----	----	----	----

Inspection Date:  
02/27/2014

Document Number:  
671000009

Overall Inspection:  
Satisfactory

**FIELD INSPECTION FORM**

Location Identifier	Facility ID	Loc ID	Inspector Name:	On-Site Inspection	<input type="checkbox"/>
	335982	335982	LUJAN, CARLOS	2A Doc Num:	

**Operator Information:**

OGCC Operator Number: \_\_\_\_\_

Name of Operator: MARATHON OIL COMPANY

Address: 1501 STAMPEDE AVENUE

City: CODY State: WY Zip: 82414

- THIS IS A FOLLOW UP INSPECTION
- FOLLOW UP INSPECTION REQUIRED
- NO FOLLOW UP INSPECTION REQUIRED
- INSPECTOR REQUESTS FORM 42 WHEN CORRECTIVE ACTIONS ARE COMPLETED

**Contact Information:**

Contact Name	Phone	Email	Comment
LUJAN, CARLOS		carlos.lujan@state.co.us	
FISCHER, ALEX		alex.fischer@state.co.us	

**Compliance Summary:**

QtrQtr: SESW Sec: 32 Twp: 5S Range: 96W

Insp. Date	Doc Num	Insp. Type	Insp Status	Satisfactory /Unsatisfactory	PA P/F/I	Pas/Fail (P/F)	Violation (Y/N)
06/26/2013	663801187			Satisfactory	I		No

**Inspector Comment:**

Site visit to assess the spill reported via Form 19 Doc # 2232808.Presents onsite Marathon representative (Zach Toellner), Golder and Associates representative (Consultant), Alex Fischer and myself (Carlos Lujan) from COGCC.

**Related Facilities:**

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status
297120	WELL	PR	08/31/2010	GW	045-16321	596-32C 25	PR
297121	WELL	XX	11/02/2011	LO	045-16320	596-32C 21	XX
297122	WELL	XX	10/26/2011	LO	045-16319	596-32C 12	XX
297123	WELL	XX	10/25/2011	LO	045-16318	596-32C 23	XX
298281	WELL	XX	11/21/2011	LO	045-17113	596-32C 16	XX
298282	WELL	XX	11/21/2011	LO	045-17114	596-32C 14	XX
298283	WELL	XX	11/21/2011	LO	045-17115	596-32C 18	XX
298284	WELL	XX	11/21/2011	LO	045-17116	596-32C 27	XX
300238	WELL	PR	08/13/2010	GW	045-17858	596-32A 18	PR
421284	PIT	AC	01/25/2011		-	MARATHON 596-32C	AC
433736	CENTRALIZED EP WASTE MGMT FAC	XX	07/26/2013		-	MOC Water Storage Facility 32C	XX

**Equipment:**

Location Inventory

Special Purpose Pits: _____	Drilling Pits: _____	Wells: _____	Production Pits: _____
Condensate Tanks: _____	Water Tanks: _____	Separators: _____	Electric Motors: _____
Gas or Diesel Mortors: _____	Cavity Pumps: _____	LACT Unit: _____	Pump Jacks: _____
Electric Generators: _____	Gas Pipeline: _____	Oil Pipeline: _____	Water Pipeline: _____
Gas Compressors: _____	VOC Combustor: _____	Oil Tanks: _____	Dehydrator Units: _____
Multi-Well Pits: _____	Pigging Station: _____	Flare: _____	Fuel Tanks: _____

**Location**

Emergency Contact Number: (S/U/V) \_\_\_\_\_ Corrective Date: \_\_\_\_\_

Comment: \_\_\_\_\_

Corrective Action: \_\_\_\_\_

<b>Spills:</b>				
Type	Area	Volume	Corrective action	CA Date
Produced Water			Empty pit. Investigate extent and depth of impact. Remediate. Replace lining; hydrostatic test before reusing the pit	10/31/2013

Multiple Spills and Releases?

<b>Venting:</b>	
Yes/No	Comment

<b>Flaring:</b>				
Type	Satisfactory/Unsatisfactory	Comment	Corrective Action	CA Date

**Predrill**

Location ID: 335982

**Site Preparation:**

Lease Road Adeq.: \_\_\_\_\_ Pads: \_\_\_\_\_ Soil Stockpile: \_\_\_\_\_

**S/U/V:** \_\_\_\_\_

Corrective Action: \_\_\_\_\_ Date: \_\_\_\_\_ CDP Num.: \_\_\_\_\_

**Form 2A COAs:**

**S/U/V:** \_\_\_\_\_ **Comment:** \_\_\_\_\_

**CA:** \_\_\_\_\_ **Date:** \_\_\_\_\_

**Wildlife BMPs:**

**S/U/V:** \_\_\_\_\_ **Comment:** \_\_\_\_\_

**CA:** \_\_\_\_\_ **Date:** \_\_\_\_\_

**Stormwater:**

**Comment:** \_\_\_\_\_

**Staking:**

**On Site Inspection (305):**

Surface Owner Contact Information:

Name: \_\_\_\_\_ Address: \_\_\_\_\_

Phone Number: \_\_\_\_\_ Cell Phone: \_\_\_\_\_

Operator Rep. Contact Information:

Landman Name: \_\_\_\_\_ Phone Number: \_\_\_\_\_

Date Onsite Request Received: \_\_\_\_\_ Date of Rule 306 Consultation: \_\_\_\_\_

Request LGD Attendance: \_\_\_\_\_

LGD Contact Information:

Name: \_\_\_\_\_ Phone Number: \_\_\_\_\_ Agreed to Attend: \_\_\_\_\_

Summary of Landowner Issues:

Summary of Operator Response to Landowner Issues:

Onsite Inspection Memorandum Summarizing Discussions at Inspection as Attachment:

**Environmental**

**Spills/Releases:**

Type of Spill: WATER Description: Produced water Estimated Spill Volume: \_\_\_\_\_

Comment: Marathon discovered during maintenance operations that the lining of the pit (Facility ID # 421284) had been compromised (punctured, apparently with a metal bar). Marathon called their environmental consultant, excavated underneath the lining and realized that proudced water had infiltrated into the ground. Marathon notified COGCC, sent a spill report (historical spill) , doc # 2232808. Alex Fischer and myself, Carlos Lujan, went onsite and met with Marathon representative to discuss the path forward.

Corrective Action: Assess impact. Date: 06/30/2013

Reportable: \_\_\_\_\_ GPS: Lat \_\_\_\_\_ Long \_\_\_\_\_

Proximity to Surface Water: \_\_\_\_\_ Depth to Ground Water: \_\_\_\_\_

**Water Well:**

Lat \_\_\_\_\_ Long \_\_\_\_\_

DWR Receipt Num: \_\_\_\_\_ Owner Name: \_\_\_\_\_ GPS : \_\_\_\_\_

**Field Parameters:** \_\_\_\_\_

Sample Location: \_\_\_\_\_

Emission Control Burner (ECB): \_\_\_\_\_

Comment: \_\_\_\_\_

Pilot: \_\_\_\_\_ Wildlife Protection Devices (fired vessels): \_\_\_\_\_

**Reclamation - Storm Water - Pit**

**Interim Reclamation:**

Date Interim Reclamation Started: \_\_\_\_\_ Date Interim Reclamation Completed: \_\_\_\_\_

Land Use: \_\_\_\_\_

Comment: \_\_\_\_\_

1003a. Debris removed? \_\_\_\_\_ CM \_\_\_\_\_

CA \_\_\_\_\_ CA Date \_\_\_\_\_

Waste Material Onsite? \_\_\_\_\_ CM \_\_\_\_\_

CA \_\_\_\_\_ CA Date \_\_\_\_\_

Unused or unneeded equipment onsite? \_\_\_\_\_ CM \_\_\_\_\_

CA \_\_\_\_\_ CA Date \_\_\_\_\_

Pit, cellars, rat holes and other bores closed? \_\_\_\_\_ CM \_\_\_\_\_

CA \_\_\_\_\_ CA Date \_\_\_\_\_

Guy line anchors removed? \_\_\_\_\_ CM \_\_\_\_\_

CA \_\_\_\_\_ CA Date \_\_\_\_\_

Guy line anchors marked? \_\_\_\_\_ CM \_\_\_\_\_

CA \_\_\_\_\_ CA Date \_\_\_\_\_

1003b. Area no longer in use? \_\_\_\_\_ Production areas stabilized ? \_\_\_\_\_

1003c. Compacted areas have been cross ripped? \_\_\_\_\_

1003d. Drilling pit closed? \_\_\_\_\_ Subsidence over on drill pit? \_\_\_\_\_

Cuttings management: \_\_\_\_\_

1003e. Areas no longer needed for drilling or subsequent operations for have been re-vegetated to 80% of pre-existing? \_\_\_\_\_

Production areas have been stabilized? \_\_\_\_\_ Segregated soils have been replaced? \_\_\_\_\_

**RESTORATION AND REVEGETATION**

Cropland

Top soil replaced \_\_\_\_\_ Recontoured \_\_\_\_\_ Perennial forage re-established \_\_\_\_\_

Non-Cropland

Top soil replaced \_\_\_\_\_ Recontoured \_\_\_\_\_ 80% Revegetation \_\_\_\_\_

1003 f. Weeds Noxious weeds? \_\_\_\_\_

Comment: \_\_\_\_\_

Overall Interim Reclamation \_\_\_\_\_

**Final Reclamation/ Abandoned Location:**

Date Final Reclamation Started: \_\_\_\_\_ Date Final Reclamation Completed: \_\_\_\_\_

Final Land Use: \_\_\_\_\_  
 Reminder: \_\_\_\_\_

Comment: \_\_\_\_\_

Well plugged \_\_\_\_\_ Pit mouse/rat holes, cellars backfilled \_\_\_\_\_  
 Debris removed \_\_\_\_\_ No disturbance /Location never built \_\_\_\_\_  
 Access Roads Regraded \_\_\_\_\_ Contoured \_\_\_\_\_ Culverts removed \_\_\_\_\_  
 Gravel removed \_\_\_\_\_  
 Location and associated production facilities reclaimed \_\_\_\_\_ Locations, facilities, roads, recontoured \_\_\_\_\_  
 Compaction alleviation \_\_\_\_\_ Dust and erosion control \_\_\_\_\_  
 Non cropland: Revegetated 80% \_\_\_\_\_ Cropland: perennial forage \_\_\_\_\_  
 Weeds present \_\_\_\_\_ Subsidence \_\_\_\_\_

Comment: \_\_\_\_\_

Corrective Action: \_\_\_\_\_ Date \_\_\_\_\_

Overall Final Reclamation \_\_\_\_\_ Well Release on Active Location  Multi-Well Location

**Storm Water:**

Loc Erosion BMPs	BMP Maintenance	Lease Road Erosion BMPs	Lease BMP Maintenance	Chemical BMPs	Chemical BMP Maintenance	Comment

S/U/V: \_\_\_\_\_ Corrective Date: \_\_\_\_\_

Comment: \_\_\_\_\_

CA: \_\_\_\_\_

**Pits:**  NO SURFACE INDICATION OF PIT

Permit:	Facility ID	Permit Num	Expiration Date
	421284	2523842	
	421284	2523842	

**COGCC Comments**

Comment	User	Date
During the time of our visit, the pit had been almost emptied by Marathon. Marathon started emptying the pit as soon as they discovered the holes in the lining. Golder and Associates agreed to start the investigation the following day to assess the extent and depth of the impact.	Iujanc	02/27/2014
COGCC requested that after completing investigation and remediation (and lining replacement), a hydrostatic test be conducted to ensure the lining integrity		