

**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

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Inspection Date:

06/25/2014

Document Number:

673400690

Overall Inspection:

**ACTION REQUIRED****FIELD INSPECTION FORM**

Location Identifier	Facility ID	Loc ID	Inspector Name:	On-Site Inspection	2A Doc Num:
	212172	324625	Waldron, Emily	<input type="checkbox"/>	

**Operator Information:**OGCC Operator Number: 53790Name of Operator: MARKUS PRODUCTION, INCAddress: 39 FAIRWAY LANECity: LITTLETON State: CO Zip: 80123

- ☒ 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
Brown, Mark		mark@markusproduction.com	
NEIDEL, KRIS		kris.neidel@state.co.us	
KELLERBY, SHAUN		shaun.kellerby@state.co.us	

**Compliance Summary:**QtrQtr: NWNW Sec: 36 Twp: 7N Range: 81W

Insp. Date	Doc Num	Insp. Type	Insp Status	Satisfactory /Action Required	PA P/F/I	Pas/Fail (P/F)	Violation (Y/N)
12/18/2013	669300774			<b>ACTION REQUIRED</b>			No
10/23/2013	673400034	PR	PR	<b>ACTION REQUIRED</b>	F		No
05/08/2012	662300475	PR	PR	<b>ACTION REQUIRED</b>			No
05/13/2011	200312578	PR	PR	<b>ACTION REQUIRED</b>			Yes
11/18/2010	200290305	PR	PR	<b>ACTION REQUIRED</b>	I		Yes
06/18/2010	200258015	ES	PR	<b>ACTION REQUIRED</b>			Yes
08/13/2003	200042783	PR	PR	SATISFACTOR Y		Pass	No
08/14/2002	200030656	PR	PR	SATISFACTOR Y		Pass	No
07/13/2000	200007957	PR	PR	SATISFACTOR Y		Pass	No
08/03/1999	500143795	PR	PR			Pass	No
08/21/1998	500143794	PR	PR			Pass	No
07/25/1997	500143793	PR	PR			Fail	Yes
08/14/1996	500143792	PR	PR			Pass	No
07/10/1995	500143791	PR	PR			Fail	Yes
09/07/1994	500143790		PR			Fail	Yes

Inspector Name: Waldron, Emily

08/08/1994	500143789		PR			Fail	Yes
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**Inspector Comment:****Related Facilities:**

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status	
111693	PIT		09/23/1999		-	STATE 1-36		<input type="checkbox"/>
212172	WELL	PR	11/30/2007	OW	057-06065	STATE 1-36 1	PR	<input checked="" type="checkbox"/>

**Equipment:**Location Inventory

Special Purpose Pits: _____	Drilling Pits: _____	Wells: _____	Production Pits: _____
Condensate Tanks: _____	Water Tanks: _____	Separators: _____	Electric Motors: _____
Gas or Diesel Motors: _____	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**

<b>Signs/Marker:</b>				
Type	Satisfactory/Action Required	Comment	Corrective Action	CA Date
TANK LABELS/PLACARDS	ACTION REQUIRED	Tank labels missing operator, emergency contact and NFPA diamond.	Install sign to comply with rule 210.	07/30/2014
WELLHEAD	SATISFACTORY			
BATTERY	ACTION REQUIRED	No sign at battery.	Install sign to comply with rule 210.	07/30/2014

Emergency Contact Number (S/A/V): ACTION Corrective Date: 07/30/2014

Comment: No emergency contact on location.

Corrective Action: Install emergency contact information.

**Good Housekeeping:**

Type	Satisfactory/Action Required	Comment	Corrective Action	CA Date
WEEDS	ACTION REQUIRED	Weeds on location.	Implement a weed control program.	07/30/2014

**Spills:**

Type	Area	Volume	Corrective action	CA Date
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☐ Multiple Spills and Releases?**Equipment:**

Type	#	Satisfactory/Action Required	Comment	Corrective Action	CA Date
Bird Protectors		ACTION REQUIRED	Inspector cannot tell if treater has bird protection on exhaust.	Install bird protection to comply with COGCC rules or inform inspector of bird protection.	07/30/2014

Inspector Name: Waldron, Emily

Horizontal Heated Separator	1	SATISFACTORY	Bermed.		
Pump Jack	1	SATISFACTORY	Stained soil around wellhead.	Remove and remediate soil in accordance with COGCC rules. Prevent future leaks and spills.	07/30/2014

**Facilities:**

☐ New Tank

Tank ID: \_\_\_\_\_

Contents	#	Capacity	Type	SE GPS
CRUDE OIL	2	1000 BBLs	STEEL AST	40.538910,-106.441780

S/A/V: SATISFACTORY	Comment:
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Corrective Action:	Corrective Date:
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Paint

Condition	Adequate
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Other (Content) \_\_\_\_\_

Other (Capacity) \_\_\_\_\_

Other (Type) \_\_\_\_\_

Berms

Type	Capacity	Permeability (Wall)	Permeability (Base)	Maintenance
Earth	Adequate	Walls Sufficient		Inadequate

Corrective Action	Maintain berm in accordance with COGCC rules.	Corrective Date	07/30/2014
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Comment	Burrow holes and weeds on berm.
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**Venting:**

Yes/No	Comment
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**Flaring:**

Type	Satisfactory/Action Required	Comment	Corrective Action	CA Date
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**Predrill**

Location ID: 212172

**Site Preparation:**

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

**S/A/V:** \_\_\_\_\_

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

**Form 2A COAs:****S/A/V:** \_\_\_\_\_ **Comment:** \_\_\_\_\_**CA:** \_\_\_\_\_ **Date:** \_\_\_\_\_**Wildlife BMPs:****S/A/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:**Facility**

Facility ID: 212172 Type: WELL API Number: 057-06065 Status: PR Insp. Status: PR

**Producing Well**

Comment: Pumping.

**Environmental****Spills/Releases:**

Type of Spill: \_\_\_\_\_ Description: \_\_\_\_\_ Estimated Spill Volume: \_\_\_\_\_

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

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

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

Inspector Name: Waldron, Emily

Proximity to Surface Water: \_\_\_\_\_

Depth to Ground Water: \_\_\_\_\_

**Water Well:**

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

**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? \_\_\_\_\_

Inspector Name: Waldron, Emily

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
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

S/A/V:

Corrective Date:

Comment:

CA:

**Pits:** ☐ NO SURFACE INDICATION OF PIT

**COGCC Comments**

Comment	User	Date
Follow up to inspection from 10/23/2013 (document number 673400034). Not all corrective actions have been met. Stained soil still visible from spill this winter (document number 2147500). Inspector spoke with Mark Brown on 7/2/2014 and was informed that he is preparing to finish cleaning up and close the form 19.	waldrone	06/25/2014

**Attached Documents**

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

Document Num	Description	URL
673400742	Compromised berm with incomplete tank labeling	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3380179">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3380179</a>
673400743	Contaminated soil	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3380180">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3380180</a>
673400744	Pit with sheen and staining	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3380181">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3380181</a>
673400745	Stained soil	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3380182">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3380182</a>