

**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
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Inspection Date:  
11/24/2015Document Number:  
680701008

Overall Inspection:

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

Location Identifier	Facility ID	Loc ID	Inspector Name:	On-Site Inspection	2A Doc Num:
	420952	420955	Peterson, Tom	<input type="checkbox"/>	

**Operator Information:**OGCC Operator Number: 10110Name of Operator: GREAT WESTERN OPERATING COMPANY LLCAddress: 1801 BROADWAY #500City: DENVER State: CO Zip: 80202

- ☒ 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
Donato, Scot		sdonato@gwogco.com	
Musgrave, Tim	(970)768-6097	tmusgrave@gwogco.com	
Precup, Jim		james.precup@state.co.us	

**Compliance Summary:**QtrQtr: NESW Sec: 20 Twp: 4N Range: 67W**Inspector Comment:****Related Facilities:**

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status	
420952	WELL	PR	04/19/2012	GW	123-32764	BINDER 14-20	PR	<input checked="" type="checkbox"/>
420953	WELL	PR	12/06/2012	OW	123-32765	BINDER 0-6-20	PR	<input checked="" type="checkbox"/>
420956	WELL	PR	04/19/2012	GW	123-32767	BINDER 23-20	PR	<input checked="" type="checkbox"/>
420964	WELL	PR	04/15/2013	OW	123-32770	BINDER CSW-20	PR	<input checked="" type="checkbox"/>
420973	WELL	PR	04/19/2012	GW	123-32772	BINDER 24-20	PR	<input checked="" type="checkbox"/>
421600	WELL	PR	04/19/2012	GW	123-32968	BINDER 2-4-20	PR	<input checked="" type="checkbox"/>
421601	WELL	PR	04/19/2012	GW	123-32969	BINDER 4-6-20	PR	<input checked="" type="checkbox"/>
421604	WELL	PR	07/05/2012	OW	123-32970	BINDER 13-20	PR	<input checked="" type="checkbox"/>

**Equipment:****Location Inventory**

Inspector Name: Peterson, Tom

Special Purpose Pits: _____	Drilling Pits: <u>1</u>	Wells: <u>8</u>	Production Pits: _____
Condensate Tanks: <u>13</u>	Water Tanks: <u>8</u>	Separators: <u>8</u>	Electric Motors: _____
Gas or Diesel Mortors: _____	Cavity Pumps: _____	LACT Unit: _____	Pump Jacks: _____
Electric Generators: _____	Gas Pipeline: _____	Oil Pipeline: _____	Water Pipeline: _____
Gas Compressors: _____	VOC Combustor: <u>8</u>	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	Item noted in prior inspection document #665400605 has not been corrected. See attached photo.	Install sign to comply with rule 210. Add NFPA placarding.	01/31/2013
WELLHEAD	SATISFACTORY	x 8		
BATTERY	SATISFACTORY	Item noted in prior inspection document #665400605 has been corrected.		
OTHER	SATISFACTORY	Lease road entrance.		

Emergency Contact Number (S/A/V): SATISFACTORY

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

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

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

<b>Good Housekeeping:</b>				
Type	Satisfactory/Action Required	Comment	Corrective Action	CA Date
UNUSED EQUIPMENT	ACTION REQUIRED	Unused hardline sections inside of wellhead fence and along crude oil tank fence. See attached photos.	Utilize or remove equipment.	12/23/2015
OTHER	SATISFACTORY	Stained soil (<1 bbl) around wellheads noted in prior inspection document #665400605 has been corrected.		

<b>Spills:</b>				
Type	Area	Volume	Corrective action	CA Date
Condensate	Truck Loadout	<= 1 bbl	Item noted in prior inspection document #665400605 has not been corrected. Remove or remediate stained soil under loadlines. Repair all leaks. See attached photos.	01/31/2013

☐ Multiple Spills and Releases?

<b>Fencing/:</b>				
Type	Satisfactory/Action Required	Comment	Corrective Action	CA Date
TANK BATTERY	SATISFACTORY	Chain link.		
WELLHEAD	SATISFACTORY	Barbed wire topped chain link.		
SEPARATOR	SATISFACTORY	Chain link with privacy slats on east and north sides.		

<b>Equipment:</b>					
Type	#	Satisfactory/Action Required	Comment	Corrective Action	CA Date
Plunger Lift	6	SATISFACTORY			
Gas Meter Run	7	SATISFACTORY	Master meter and six producer check meters		
Ancillary equipment	3	SATISFACTORY	ECD scrubbers at crude oil tanks and automation array.		
Ancillary equipment	1	SATISFACTORY	Methanol system. Item noted in prior inspection document #665400605 has been corrected.		
Horizontal Heated Separator	6	SATISFACTORY	N 40.29836 W-104.91500		
Emission Control Device	2	SATISFACTORY	N 40.29831 W-104.91530		
Bird Protectors	8	SATISFACTORY			

**Facilities:** ☐ New Tank Tank ID: \_\_\_\_\_

Contents	#	Capacity	Type	SE GPS
PRODUCED WATER	1	300 BBLS	PBV FIBERGLASS	40.298380,-104.915440

S/A/V: SATISFACTORY Comment: 15' x 300 bbls set 5' below grade.

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

**Paint**

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

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

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

**Berms**

Type	Capacity	Permeability (Wall)	Permeability (Base)	Maintenance
Metal	Adequate	Walls Sufficient	Base Sufficient	Adequate

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

Comment \_\_\_\_\_

**Facilities:** ☐ New Tank Tank ID: \_\_\_\_\_

Contents	#	Capacity	Type	SE GPS
CONDENSATE	8	300 BBLS	STEEL AST	40.298380,-104.915440

Inspector Name: Peterson, Tom

S/A/V:	SATISFACTORY	Comment:				
Corrective Action:					Corrective 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 Sufficient	Base Sufficient	Adequate		
Corrective Action					Corrective Date	
Comment						

<u>Venting:</u>			
Yes/No	Comment		
NO			

<u>Flaring:</u>					
Type	Satisfactory/Action Required	Comment	Corrective Action	CA Date	

**Predrill**

Location ID: 420952

**Site Preparation:**

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

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

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

**Form 2A COAs:**

Group	User	Comment	Date
OGLA	youngr	Location is in a sensitive area because of proximity to surface water and wetlands; therefore, the tank battery must be constructed using an impermeable liner designed to contain fluid releases and spills.	12/13/2010
OGLA	youngr	Location is in a sensitive area because of shallow groundwater; therefore, either a lined drilling pit or closed loop system is required.	12/13/2010

**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: 420952 Type: WELL API Number: 123-32764 Status: PR Insp. Status: PR

**Producing Well**

Comment: PR

**BradenHead**

Comment: Bradenhead is exposed at surface.

CA:

CA Date:

Facility ID: 420953 Type: WELL API Number: 123-32765 Status: PR Insp. Status: PR

**Producing Well**

Comment: PR

**BradenHead**

Comment: Bradenhead is exposed at surface.

CA:

CA Date:

Facility ID: 420956 Type: WELL API Number: 123-32767 Status: PR Insp. Status: PR

**Producing Well**

Comment: PR

**BradenHead**

Comment: Bradenhead is exposed at surface.

CA:

CA Date:

Facility ID: 420964 Type: WELL API Number: 123-32770 Status: PR Insp. Status: PR

**Producing Well**

Comment: PR

**BradenHead**

Comment: Bradenhead is exposed at surface.

CA:

CA Date:

Facility ID: 420973 Type: WELL API Number: 123-32772 Status: PR Insp. Status: PR

**Producing Well**

Comment: PR

**BradenHead**

Comment: Bradenhead is exposed at surface.

CA:

CA Date:

Facility ID: 421600 Type: WELL API Number: 123-32968 Status: PR Insp. Status: PR

**Producing Well**

Comment: PR

**BradenHead**

Comment: Bradenhead is exposed at surface.

CA:

CA Date:

Facility ID: 421601 Type: WELL API Number: 123-32969 Status: PR Insp. Status: PR

**Producing Well**Comment: **PR****BradenHead**Comment: **Bradenhead is exposed at surface.**

CA:

CA Date:

Facility ID: 421604 Type: WELL API Number: 123-32970 Status: PR Insp. Status: PR

**Producing Well**Comment: **PR****BradenHead**Comment: **Bradenhead is exposed at surface.**

CA:

CA Date:

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

Type of Spill: Description: Estimated Spill Volume:

Comment:

Corrective Action: Date:

Reportable: GPS: Lat Long

Proximity to Surface Water: Depth to Ground Water:

**Water Well:**

DWR Receipt Num: Owner Name: GPS : Lat Long

**Field Parameters:**

Sample Location:

**Complaint:**

Tracking Num	Category	Assigned To	Description	Incident Date
200372649	NOISE	Precup, Jim	Noise vibration vibrating home. Rattles morning between 9:20-9:30 A.M. and 1:00 A.M. inn Morning. Complainant says you feel it more than hear it.	01/07/2013
200340489	NOISE	Precup, Jim	Complainant complained of noise from a drilling rig in the johnstown area.	02/16/2012

Emission Control Burner (ECB): Y

Comment:

Pilot: ON Wildlife Protection Devices (fired vessels): YES

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

Date Interim Reclamation Started: Date Interim Reclamation Completed:

Land Use: RANGELAND

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

1003a. Debris removed? Pass CM \_\_\_\_\_  
 CA \_\_\_\_\_ CA Date \_\_\_\_\_  
 Waste Material Onsite? Pass CM \_\_\_\_\_  
 CA \_\_\_\_\_ CA Date \_\_\_\_\_  
 Unused or unneeded equipment onsite? Pass CM \_\_\_\_\_  
 CA \_\_\_\_\_ CA Date \_\_\_\_\_  
 Pit, cellars, rat holes and other bores closed? Pass CM \_\_\_\_\_  
 CA \_\_\_\_\_ CA Date \_\_\_\_\_  
 Guy line anchors removed? Pass 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: RANGELAND \_\_\_\_\_

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 \_\_\_\_\_



Inspector Name: Peterson, Tom

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
Rip Rap	Pass	Culverts	Pass			
Gravel	Pass	Gravel	Pass			

S/A/V: SATISFACTOR  
Y

Corrective Date:

Comment:

CA:

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

**Attached Documents**

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

Document Num	Description	URL
680701009	Unused hardline	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3728410">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3728410</a>
680701010	Unused hardline	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3728411">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3728411</a>
680701011	Crude oil tank loadline	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3728412">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3728412</a>
680701012	Crude oil tank loadline	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3728413">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3728413</a>
680701013	Crude oil tank loadline	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3728414">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3728414</a>
680701014	Produced water vault placarding	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3728415">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3728415</a>

## **ACTION REQUIRED**

**ANY ACTION REQUIRED** items listed on this report indicate that the oil and gas facility or the oil and gas operations listed on the report may be in violation of the rules and regulations of the Colorado Oil and Conservation Commission (“COGCC”) and corrective action is required.

There is reasonable cause to believe that a violation of the Oil and Gas Conservation Act, or of any rule, regulation, or order of the Commission, or of any permit issued by the Commission, has occurred. The Operator’s compliance with this Inspection Report is required to resolve these alleged violations. This document requires the Operator to timely respond to the COGCC and to comply with directives as listed by the **Corrective Action Deadline Date**. Failure to do so will result in the issuance of a Notice of Alleged Violation and initiation of enforcement proceedings in which COGCC will seek monetary penalties for the alleged violations pursuant to § 34-60-121, C.R.S. and Rule 523, COGCC Rules of Practice and Procedure, 2 CCR 404-1. (Please note that the COGCC's penalty authority was recently increased to a maximum of \$15,000 per day and penalties are no longer capped at a maximum of \$10,000 per violation.)