

**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:  
09/10/2014

Document Number:  
668302391

Overall Inspection:

**ACTION REQUIRED**

**FIELD INSPECTION FORM**

Location Identifier	Facility ID	Loc ID	Inspector Name:	On-Site Inspection	2A Doc Num:
	<u>413081</u>	<u>320268</u>	<u>JOHNSON, RANDELL</u>	<input type="checkbox"/>	

**Operator Information:**

OGCC Operator Number:	<u>10110</u>
Name of Operator:	<u>GREAT WESTERN OPERATING COMPANY LLC</u>
Address:	<u>1801 BROADWAY #500</u>
City:	<u>DENVER</u> State: <u>CO</u> Zip: <u>80202</u>

- 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	O:303-398-0537, C:303-549-7739	sdonato@gwogco.com	
Musgrave, Tim	720-768-6097	tmusgrave@gwogco.com	

**Compliance Summary:**

QtrQtr: SWNW Sec: 18 Twp: 1S Range: 67W

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	668701302	PR	PR	SATISFACTORY	F		No
02/25/2010	200232926	ES	DG	<b>ACTION REQUIRED</b>			Yes

**Inspector Comment:**

\_\_\_\_\_

**Related Facilities:**

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status
203296	WELL	PR	03/31/2008	OW	001-08805	GREEN 3	PR
413081	WELL	PR	05/05/2014	GW	001-09709	CARLSON 12-18	SI

**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**

\_\_\_\_\_

<b>Lease Road:</b>				
Type	Satisfactory/Action Required	comment	Corrective Action	Date
Access	<b>ACTION REQUIRED</b>	Lease access road is rutted and eroded	Repair lease access road	10/10/2014

<b>Signs/Marker:</b>				
Type	Satisfactory/Action Required	Comment	Corrective Action	CA Date
TANK LABELS/PLACARDS	<b>ACTION REQUIRED</b>	Blue steel tank on skids outside of containment at tank battery does not have the required contents, capacity or NFPA signage	Install sign to comply with rule 210.	<b>10/10/2014</b>
BATTERY	SATISFACTORY			
TANK LABELS/PLACARDS	<b>ACTION REQUIRED</b>	Produced water tank does not have the proper and legible contents, capacity and NFPA signage	Install sign to comply with rule 210.	<b>10/10/2014</b>
WELLHEAD	SATISFACTORY			

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	<b>ACTION REQUIRED</b>	Unused equipment on battery location - i.e., blue steel tank on skids outside of containment/See attached photo on last page of document	Remove unused equipment	10/10/2014

<b>Spills:</b>				
Type	Area	Volume	Corrective action	CA Date
Crude Oil	Tank	<= 5 bbls	Remove or remediate stained soil where crude oil tank has run over/See attached photo on last page of document	10/10/2014
PW/CO	Tank	<= 5 bbls	Remove or remediate stained soil where produced water tank has run over/See attached photo on last page of document	10/10/2014
PW/CO	Tank	<= 5 bbls	Remove or remediate stained soil from leaking back drain valve on crude oil tank/See attached photo on last page of document	10/10/2014

Multiple Spills and Releases?

<b>Equipment:</b>					
Type	#	Satisfactory/Action Required	Comment	Corrective Action	CA Date
Emission Control Device	1	SATISFACTORY			
Horizontal Heated Separator	1	SATISFACTORY			
Gas Meter Run	1	SATISFACTORY			
Plunger Lift	1				

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

Contents	#	Capacity	Type	SE GPS
OTHER	1	OTHER	STEEL AST	39.967080,-104.938350

S/A/V: \_\_\_\_\_ Comment: **Round storage on skids outside of containment/See attached photo on last page of document**

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

**Paint**

Condition: \_\_\_\_\_

Other (Content) \_\_\_\_\_

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

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

**Berms**

Type	Capacity	Permeability (Wall)	Permeability (Base)	Maintenance
	Inadequate	Walls Insufficient	Base Insufficient	Inadequate

Corrective Action: **Remove tank or provide the proper secondary containment** Corrective Date: **10/10/2014**

Comment: **Tank does not have the required secondary containment/See attached photo on last page of document**

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

Contents	#	Capacity	Type	SE GPS
PRODUCED WATER	1	100 BBLS	PBV FIBERGLASS	39.967030,-104.938330

S/A/V: **ACTION REQUIRED** Comment: **"Produced Water - 100 BBLS" stenciled on top of tank is faded and illegible**

Corrective Action: **Provide the proper legible contents and capacity signage for produced water tank** Corrective Date: **10/10/2014**

**Paint**

Condition: Adequate

Other (Content) \_\_\_\_\_

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

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

**Berms**

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

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

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

<b>Facilities:</b>		<input type="checkbox"/> New Tank	Tank ID: _____		
Contents	#	Capacity	Type	SE GPS	
CRUDE OIL	2	300 BBLS	STEEL AST	39.967030,-104.938330	
S/AV:	SATISFACTORY		Comment:		
Corrective Action:				Corrective Date:	
<b>Paint</b>					
Condition	Adequate				
Other (Content)	_____				
Other (Capacity)	_____				
Other (Type)	_____				
<b>Berms</b>					
Type	Capacity	Permeability (Wall)	Permeability (Base)	Maintenance	
Earth	Adequate	Walls Sufficient	Base Sufficient	Adequate	
Corrective Action					Corrective Date
Comment					
<b>Venting:</b>					
Yes/No	Comment				
NO					
<b>Flaring:</b>					
Type	Satisfactory/Action Required	Comment	Corrective Action	CA Date	

**Predrill**

Location ID: 413081

**Site Preparation:**

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

**S/AV:** \_\_\_\_\_

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

**Form 2A COAs:**

**S/AV:** \_\_\_\_\_ **Comment:** \_\_\_\_\_

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

**Wildlife BMPs:**

**S/AV:** \_\_\_\_\_ **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: 413081 Type: WELL API Number: 001-09709 Status: PR Insp. Status: SI

**Idle Well**

Purpose:  Shut In  Temporarily Abandoned Reminder: \_\_\_\_\_

S/AV: \_\_\_\_\_ CA Date: \_\_\_\_\_

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

Comment: Producing intermittently

**BradenHead**

Comment: Bradenhead is not plumbed to the surface/See attached photo on last page of document

CA: Surface casing/bradenhead must be plumbed to surface to accommodate accessibility for inspection purposes

CA Date: 10/10/2014

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

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: \_\_\_\_\_

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

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

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

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

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

Unused or unneeded equipment onsite? In 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? In \_\_\_\_\_ Production areas stabilized? Pass \_\_\_\_\_

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? In  
 Production areas have been stabilized? Pass 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 In Process

**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
Compaction	Pass	Compaction	Fail			
Other	Pass	Other	Fail			Vegetation
Gravel	Pass	Gravel	Fail			

S/A/V: **ACTION REQUIRED** Corrective Date: **10/10/2014**

Comment: **Lease access road is rutted and eroded**

CA: **Repair lease access road**

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
668302392	Great Western - Carlson 12-18 (001-09709) (1)	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3430091">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3430091</a>
668302393	Great Western - Carlson 12-18 (001-09709) (2)	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3430092">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3430092</a>
668302394	Great Western - Carlson 12-18 (001-09709) (3)	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3430093">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3430093</a>
668302395	Great Western - Carlson 12-18 (001-09709) (4)	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3430094">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3430094</a>
668302396	Great Western - Carlson 12-18 (001-09709) (5)	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3430095">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3430095</a>
668302397	Great Western - Carlson 12-18 (001-09709) (6)	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3430096">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3430096</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.)