

**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:
02/02/2015Document Number:
670900040

Overall Inspection:

ACTION REQUIRED**FIELD INSPECTION FORM**

Location Identifier	Facility ID	Loc ID	Inspector Name:	On-Site Inspection	2A Doc Num:
	434396	434399	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
Noto, John		john.noto@state.co.us	
Donato, Scott		sdonato@gwogco.com	
Harter, Laura		lharter@gwogco.com	Regulatory

Compliance Summary:QtrQtr: NENE Sec: 18 Twp: 1S Range: 67W**Inspector Comment:****Related Facilities:**

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status	
434393	WELL	PR	05/19/2014	LO	001-09772	Willow Bend LD 18-22HN	PR	<input type="checkbox"/>
434394	WELL	DG	12/06/2014	LO	001-09773	Willow Bend LD 18-23HN	DG	<input type="checkbox"/>
434395	WELL	PR	05/20/2014	LO	001-09774	Willow Bend 18-22HC	PR	<input type="checkbox"/>
434396	WELL	DG	12/04/2014	LO	001-09775	Willow Bend LD 18-37HN	DG	<input checked="" type="checkbox"/>
434398	WELL	DG	12/02/2014	LO	001-09776	Willow Bend LD 18-23HC	DG	<input type="checkbox"/>
434403	WELL	DG	12/05/2014	LO	001-09777	Willow Bend LD 18-366HC	DG	<input type="checkbox"/>
439683	WELL	DG	12/02/2014		001-09832	Willow Bend 18-361HN	DG	<input type="checkbox"/>
440563	WELL	XX	12/23/2014		001-09841	Willow Bend LD 18-361HC	XX	<input type="checkbox"/>

Equipment:**Location Inventory**

Inspector Name: Peterson, Tom

Special Purpose Pits: _____	Drilling Pits: _____	Wells: <u>8</u>	Production Pits: _____
Condensate Tanks: _____	Water Tanks: <u>4</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: <u>2</u>	VOC Combustor: <u>4</u>	Oil Tanks: <u>18</u>	Dehydrator Units: _____
Multi-Well Pits: _____	Pigging Station: _____	Flare: <u>2</u>	Fuel Tanks: _____

Location

Signs/Marker:

Type	Satisfactory/Action Required	Comment	Corrective Action	CA Date
TANK LABELS/PLACARDS	ACTION REQUIRED	No placarding on drilling rig mud tanks.	Install sign to comply with rule 210.	02/06/2015

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

Corrective Date: _____

Comment: _____

Corrective Action: _____

Good Housekeeping:

Type	Satisfactory/Action Required	Comment	Corrective Action	CA Date
TRASH	ACTION REQUIRED	Trash around south side of location	Remove trash	02/06/2015

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
Flare	1	ACTION REQUIRED	no open flare is allowed during drilling and production activity.	make available an enclosed flare for drilling and production activity	02/06/2015

Venting:

Yes/No	Comment
NO	

Flaring:

Type	Satisfactory/Action Required	Comment	Corrective Action	CA Date

Predrill

Location ID: 434396

Site Preparation:

Lease Road Adeq.: _____ Pads: _____ Soil Stockpile: _____

S/A/V: _____

Corrective Action: _____ Date: _____ CDP Num.: _____

Form 2A COAs:

Group	User	Comment	Date
OGLA	HouseyM	Operator shall submit a Form 42 to the COGCC 48 hours prior to commencement of construction activities.	09/10/2014
OGLA	HouseyM	Unnecessary or excessive flaring is prohibited. Operator shall direct all salable quality gas to a sales line as soon as practicable or shut in and conserved.	10/31/2014
OGLA	HouseyM	Operator shall use enclosed combustion during all stages of drilling and operations.	10/31/2014

S/A/V: _____ **Comment:** _____

CA: _____ **Date:** _____

Wildlife BMPs:

BMP Type	Comment
General Housekeeping	General housekeeping will consist of neat and orderly storage of materials and fluids. Wastes will be temporarily stored in sealed containers and regularly collected and disposed of at offsite, suitable facilities. If spills occur prompt cleanup is required to minimize any commingling of waste materials with storm water runoff. Routine maintenance will be limited to fueling and lubrication of equipment. Drip pans will be used during routine fueling and maintenance to contain spills or leaks. Any waste product from maintenance will be containerized and transported offsite for disposal or recycling. There will be no major equipment overhauls conducted onsite. Equipment will be transported offsite for major overhauls. Cleanup will consist of patrolling the roadways, access areas, and other work areas to pick up trash, scrap debris, other discarded materials, and any contaminated soil. These materials will be disposed of properly and promptly.
Storm Water/Erosion Control	Storm Water Management Plans (SWMP) are in place to address construction, drilling and operations associated with Oil and Gas development throughout the state of Colorado in accordance with Colorado Department of Public Health and Environment (CDPHE). BMP's will be constructed around the perimeter of the site prior to, or at the beginning of construction. BMP's used will vary according to the location, and will remain in place until the pad reaches final reclamation.
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Material Handling and Spill Prevention	Spill Prevention Control and Countermeasures (SPCC) plans are in place to address any possible spills associated with Oil and Gas operations throughout the state of Colorado in accordance with CFR 112. In accordance with COGCC Rule 1002.f.(2)A. & B., shall provide a designated storage area for dry bulk chemicals and miscellaneous fluids. The storage area shall be covered to prevent contact of precipitation with chemicals, shall be elevated above storm- or standing water, and shall provide sufficient containment to prevent release of spilled fluids or chemicals from impacting soil, surface water or groundwater and will prevent the co-mingling of spilled fluids or chemicals with other E & P Waste.
Noise mitigation	Noise levels will be maintained at levels not to exceed COGCC specifications currently in existence, measured at a point 350' from the noise source, or as defined by current COGCC regulations. Where possible, drilling rig engine exhaust will be vented away from occupied buildings. Light sources will likewise be directed downwards, and away from occupied structures where possible. No special noise mitigation efforts should be required at this site. Once the drilling and completion rigs leave the site, there will be no permanently installed lighting on site.

Inspector Name: Peterson, Tom

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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:

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Summary of Operator Response to Landowner Issues:

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Onsite Inspection Memorandum Summarizing Discussions at Inspection as Attachment:

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Facility

Facility ID: 434396 Type: WELL API Number: 001-09775 Status: DG Insp. Status: DG

Well Drilling

Rig: Rig Name: Extreme 17 Pusher/Rig Manager: _____

Inspector Name: Peterson, Tom

Permit Posted: SATISFACTORY

Access Sign: SATISFACTORY

Well Control Equipment:

Pipe Ram: _____ Blind Ram: _____ Hydril Type: _____

Pressure Test BOP: _____ Test Pressure PSI: _____ Safety Plan: _____

Drill Fluids

Management:

Lined Pit: _____ Unlined Pit: _____ Closed Loop: YES Semi-Closed Loop: _____

Multi-Well: YES Disposal Location: _____

Comment:

Well has TD'd--production casing (5 1/2) has been run to surface--Cement has been mixed and displaced--WOC-- Rig BOP has been removed and Rig is in the proces of being skid to next wellbore. All wells are being drilled with Mineral Oil Based mud on intermediate and long string. Chemicals are organized but are stored with no covering or underlays. There is a question regarding a COA as the current ability to flare is limited to a flare stack. COA says "Operator shall use closed combustion in all phases of drilling and operation."

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): N

Comment: _____

Pilot: _____ Wildlife Protection Devices (fired vessels): _____

Reclamation - Storm Water - Pit

Interim Reclamation:

Date Interim Reclamation Started: _____ Date Interim Reclamation Completed: _____

Land Use: DRY LAND

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 _____

Inspector Name: Peterson, Tom

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: DRY LAND _____

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
Silt Fences	Fail	Culverts	Pass	MHSP	Fail	

Inspector Name: Peterson, Tom

Berms	Fail	Other	Pass	CM	Fail	
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S/A/V: **ACTION REQUIRED** Corrective Date: **02/06/2015**

Comment: **Chemicals are being stored with no underlayment or covering. Berm has been cut open on SE corner of location. Silt fence is in disrepair. Other equals vehicle tracking pad.**

CA: **Add underlayment and covering to chemical storage area. Rebuild berms and repair silt fence around location.**

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
670900041	Erosion on east side of location	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3542507
670900042	Trash on south side of location	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3542508
670900043	Chemicals improperly stored	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3542509
670900044	Breach in berm	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3542510
670900045	Chemicals improperly stored	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3542511
670900046	Drilling rig flare	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3542512

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.)