

**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:

05/07/2015

Document Number:

668703120

Overall Inspection:

SATISFACTORY**FIELD INSPECTION FORM**

Location Identifier	Facility ID	Loc ID	Inspector Name:	On-Site Inspection	2A Doc Num:
	441675	441677	HELGELAND, GARY	<input type="checkbox"/>	

**Operator Information:**OGCC Operator Number: 10359Name of Operator: WARD PETROLEUM CORPORATIONAddress: PO BOX 1187City: ENID State: OK Zip: 73702

- ☐ 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
Marshall Hal		marshall@wardpetroleum.com	

**Compliance Summary:**QtrQtr: NWSW Sec: 14 Twp: 1S Range: 67W**Inspector Comment:****Related Facilities:**

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status	
441675	WELL	DG	05/06/2015		001-09845	Ward Riverdale 14-4-12HC	DG	<input checked="" type="checkbox"/>
441676	WELL	XX	05/01/2015		001-09846	Ward Riverdale 14-4-11HN	XX	<input checked="" type="checkbox"/>

**Equipment:**Location Inventory

Special Purpose Pits: _____	Drilling Pits: _____	Wells: <u>18</u>	Production Pits: _____
Condensate Tanks: _____	Water Tanks: <u>4</u>	Separators: <u>18</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: _____	Oil Tanks: <u>24</u>	Dehydrator Units: _____
Multi-Well Pits: _____	Pigging Station: _____	Flare: _____	Fuel Tanks: <u>2</u>

**Location**

Emergency Contact Number (S/A/V): \_\_\_\_\_

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

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

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

**Spills:**

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

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

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

**Predrill**

Location ID: 441675

**Site Preparation:**

Lease Road Adeq.: SATISFACTORY

Pads: SATISFACTORY

Soil Stockpile: SATISFACTORY

**S/A/V:** SATISFACT

Corrective Action: Date: CDP Num.:

**Form 2A COAs:**

Group	User	Comment	Date
	HouseyM	Operator shall provide notice to COGCC 48 hours prior to commencing construction of this Oil and Gas Location via Form 42.	04/28/2015
OGLA	HouseyM	Operator shall implement engineered BMPs during drilling and completion operations. BMPs shall protect both the groundwater and the integrity of the water well located within the perimeter of the proposed Location.	05/01/2015

**S/A/V:** ACTION**Comment:**

Pad was built before COGCC was notified.

**CA:** Provide notice to COGCC 48 hours prior to commencing construction**Date:** 05/15/2015**Wildlife BMPs:**

BMP Type	Comment
Drilling/Completion Operations	<p>Closed Loop System: Closed Loop System will be used for drilling and fluid management. No reserve pit will be used.</p> <p>Green Completions: Ward will comply with COGCC Rule 805b.(3)A and utilize Green Completion Methods.</p> <p>BOPE Testing: Upon initial rig-up and once every 30 days during drilling operations, pressure testing of the casing string and each component of the BOPE will be performed to 70% of working pressure or 70% of the internal yield of the casing, whichever is less.</p> <p>BOPE for well servicing operations: Adequate blowout prevention equipment will be used on any servicing operations associated with this well. Backup staving valves shall be required on well servicing operations during reverse circulation. Valves will be pressure tested before each well servicing operation using both low-pressure and high-pressure fluid.</p> <p>BOPE: Ward will utilize drilling rigs with a minimum of a double ram and annular preventer.</p> <p>Drill Stem Tests: Drill Stem Tests are not anticipated for this location.</p> <p>Pit Level Indicators: Pit Level Indicators will not be needed as no pits will be used on location.</p>

General Housekeeping	<p>Loadlines: All loadlines shall be bullplugged or capped.</p> <p>Guy Line Anchors: All guy line anchors left buried for future use will be identified by a marker of bright color not less than four feet in height and not greater than one foot east of the guy line anchor.</p> <p>Removal of Surface Trash: Ward agrees that all trash, refuse pipe, equipment, liquids, chemicals of other materials that are not necessary for the continued operations of the wells will be removed and disposed of no later than 30 days after completion. No such items will be burned or buried on location.</p> <p>Well Site Cleared: Ward agrees that all trash, refuse pipe, equipment, liquids, chemicals of other materials that are not necessary for the continued operations of the wells will be removed and disposed of no later than 30 days after completion. No such items will be burned or buried on location.</p>
Traffic control	<p>A traffic plan will be done if request by Adams County.</p> <p>Ward will construct all leasehold road to accommodate local emergency vehicle access requirements and will be maintained in a reasonable condition.</p>
Final Reclamation	<p>Identification of Plugged and Abandoned Wells: Pursuant to Rule 319.a.(5)., once the well has been plugged and abandoned, Ward will identify the location of the wellbore with a permanent monument that will detail the well name and date of plugging.</p>
Noise mitigation	<p>Fencing: The wellsite will be fenced if requested by the Surface Owner.</p> <p>Visual Mitigation: Pursuant to Rule 804, the tank battery shall be painted in uniform, non-contrasting, non-reflective color tones with the colors matched to but slightly darker than the surrounding landscape.</p>
Material Handling and Spill Prevention	<p>Leak Detection Plan: To ensure protection for the surface during fracturing treatment, the location will be specifically constructed to contain any releases or spills. Secondary containment from any chemical spills or leaks will surround any trucks that carry, mix, or add chemicals to the flow stream as well as connections that could possibly leak fluid. Should any spill or release occur, every reasonable step will be taken to quickly remediate the area disturbed.</p> <p>Control of Fire Hazards: Ward and its contractor's employ best management practices during the drilling and production of its wells and facilities. They will comply with appropriate COGCC and any county rules concerning fire and safety. Ward will ensure that any flammable material will remain no less than 25 feet from the wellhead (s), tanks and separator(s).</p> <p>Berm Construction: A containment berm will be constructed around the oil and water storage tanks. The berm will be inspected regularly and maintained in good condition.</p> <p>Tank specifications: Tanks shall be constructed and maintained in accordance with the National Fire Protection Association Code 30 (2008 version). All tanks will be visually inspected once a day for issues. Recorded inspections will be conducted once a month pursuant to 40 CFR §112.</p>
Planning	<p>Development from existing well pads: In order to reduce surface disturbance, Ward is permitting this 2A for twelve (18) wells.</p> <p>The well pad will be constructed in a manner that noise mitigation will be installed and removed without disturbing the site or landscaping.</p>
Noise mitigation	<p>Ward is planning on using sound walls to mitigate noise levels during drilling and completion. A background noise study will be done prior to drilling and the appropriate soundwall design will be chosen to meet or exceed COGCC noise requirements.</p>
Drilling/Completion Operations	<p>All light will be directed downward as much as possible to mitigate light pollution into the adjacent neighborhood. In addition the soundwall will also help to limit light pollution.</p>

Inspector Name: HELGELAND, GARY

Storm Water/Erosion Control	Stormwater will be managed by Ward's Stormwater Management Plan which the Colorado Department of Public Health and Environment oversees. Appropriate BMPs will be installed as conditions dictate and maintained and/or replaced as necessary.
Dust control	Operator will comply with Rule 805.c and take all practicable measures to control fugitive dust caused by the operation, including but not limited to wetting the soil with fresh water via a truck with a spreader bar if deemed necessary.

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

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

**Stormwater:**

Erosion BMPs	Present	Other BMPs	Present
BERMS	Yes		

S/A/V: SATISFACTORY

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

Comments: Erosion BMPs: \_\_\_\_\_

Other BMPs: \_\_\_\_\_

**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: 441675 Type: WELL API Number: 001-09845 Status: DG Insp. Status: DG

Facility ID: 441676 Type: WELL API Number: 001-09846 Status: XX Insp. Status: XX

**Environmental**

**Spills/Releases:**

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

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

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

Inspector Name: HELGELAND, GARY

Reportable: _____	GPS: Lat _____	Long _____
Proximity to Surface Water: _____	Depth to Ground Water: _____	
<b>Water Well:</b>		
DWR Receipt Num: _____	Owner Name: _____	GPS : _____
<b>Field Parameters:</b>		
Sample Location: _____		
Emission Control Burner (ECB): _____		
Comment: _____		
Pilot: _____	Wildlife Protection Devices (fired vessels): _____	
<b>Reclamation - Storm Water - Pit</b>		
<b>Interim Reclamation:</b>		
Date Interim Reclamation Started: _____		Date Interim Reclamation Completed: _____
Land Use: RANGELAND		
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? _____
<b>RESTORATION AND REVEGETATION</b>		
<u>Cropland</u>		
	Top soil replaced _____	Recontoured _____ Perennial forage re-established _____
<u>Non-Cropland</u>		
	Top soil replaced _____	Recontoured _____ 80% Revegetation _____

Inspector Name: HELGELAND, GARY

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 \_\_\_\_\_

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/A/V: \_\_\_\_\_

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
668703121	Location	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3605234">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3605234</a>