

**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

Inspection Date:

08/16/2016

Document Number:

680101021

Overall Inspection:

SATISFACTORY w/ CMT
or AR**FIELD INSPECTION FORM**

Location Identifier	Facility ID	Loc ID	Inspector Name:	On-Site Inspection	2A Doc Num:
	431327	431326	Colby, Lou	<input type="checkbox"/>	

Operator Information:OGCC Operator Number: 10524Name of Operator: GRMR OIL & GAS LLCAddress: 370 INTERLOCKEN BLVD SUITE 550City: BROOMFIELD State: CO Zip: 80021

- ☐ 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
Griffis, Mike	720-235-5071	mike.griffis@grmroilandgas.com	All GRMR inspections

Compliance Summary:QtrQtr: NWSE Sec: 36 Twp: 5N Range: 92W**Inspector Comment:**

This is an Abandoned Location Inspection for Well API#081-07775, prompted by submittal of Form 4 reporting Reclamation Complete, Site ready for Inspection. Well APD Approved 1/11/2013, Permit Abandoned 12/7/2015. Location was built; Well not Drilled. This is a State/State Location.

Related Facilities:

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status	
431327	WELL	AL	12/07/2015	LO	081-07775	Iles Mountain 1-36	RI	<input checked="" type="checkbox"/>

Equipment:Location Inventory

Special Purpose Pits: _____	Drilling Pits: _____	Wells: <u>1</u>	Production Pits: _____
Condensate Tanks: _____	Water Tanks: <u>3</u>	Separators: <u>2</u>	Electric Motors: _____
Gas or Diesel Motors: <u>1</u>	Cavity Pumps: <u>2</u>	LACT Unit: _____	Pump Jacks: <u>1</u>
Electric Generators: <u>3</u>	Gas Pipeline: _____	Oil Pipeline: _____	Water Pipeline: _____
Gas Compressors: <u>2</u>	VOC Combustor: _____	Oil Tanks: <u>2</u>	Dehydrator Units: _____
Multi-Well Pits: _____	Pigging Station: _____	Flare: _____	Fuel Tanks: <u>2</u>

Location

Emergency Contact Number (S/AR): _____

Corrective Date: _____

Comment: _____

Corrective Action: _____

Spills:

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

Venting:

Yes/No	
Comment	

Flaring:

Type		Satisfactory/Action Required	
Comment:			
Corrective Action:		Correct Action Date:	

Predrill

Location ID: 431327

Lease Road Adeq.: _____

Pads: _____

Soil Stockpile: _____

S/AR: _____

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

Form 2A COAs:

Group	User	Comment	Date
OGLA	kubeczkod	<p>SITE SPECIFIC COAs:</p> <p>A closed loop system must be implemented during drilling (which operator has indicated on the Form 2A); or, if a closed loop system drilling rig is not used/available, then an amended Form 2A will need to be submitted/approved to include a drilling pit, and a Form 15 Earthen Pit Permit will also need to be submitted/approved prior to construction of the pit (the drilling pit will be required to be lined, fenced, and netted).</p> <p>All cuttings generated during drilling with oil based muds or high chloride/TDS mud must be kept in containers, a lined/bermed portion of the well pad, or the lined drilling (if permitted and constructed) prior to offsite disposal. The moisture content of any drill cuttings in a cuttings pit, trench, or pile shall be as low as practicable to prevent accumulation of liquids greater than de minimis amounts.</p> <p>Notify the COGCC 48 hours prior to start of pad construction, rig mobilization, spud, and start of hydraulic stimulation operations using Form 42 (the appropriate COGCC individuals will automatically be email notified, including the LGD for hydraulic stimulation operations).</p> <p>Operator must implement best management practices to contain any unintentional release of fluids, including any fluids conveyed via temporary surface or buried pipelines.</p> <p>Operator must ensure secondary containment for any volume of fluids contained at well site during drilling and completion operations (as described on the BMPs tab and shown on the Construction Layout Drawings attachment); including, but not limited to, construction of a berm or diversion dike, diversion/collection trenches within and/or outside of berms/dikes, site grading, or other comparable measures (i.e., best management practices (BMPs) associated with stormwater management) sufficiently protective of nearby surface water. Any berm constructed at the well pad location will be stabilized, inspected at regular intervals (at least every 14 days), and maintained in good condition.</p> <p>The moisture content of any freshwater generated cuttings in a cuttings pit, trench, or pile shall be as low as practicable to prevent accumulation of liquids greater than de minimis amounts. At the time of closure, if the drill cuttings are to be left onsite, they must also meet the applicable standards of table 910-1.</p> <p>Flowback and stimulation fluids must be sent to tanks, separators, or other containment/filtering equipment before the fluids can be placed into any pipeline, storage vessel, or lined pit (only if an amended Form 2A has been submitted/approved and a Form 15 Earthen Pit Permitted has been submitted/approved) located on the well pad; or into tanker trucks for offsite disposal. The flowback and stimulation fluid tanks, separators, or other containment/filtering equipment must be placed on the well pad in an area with additional downgradient perimeter berming. The area where flowback fluids will be stored/reused must be constructed to be sufficiently impervious to contain any spilled or released material.</p> <p>Berms or other containment devices shall be constructed to be sufficiently impervious (preferably corrugated steel with poly liner) to contain any spilled or released material around crude oil, condensate, and produced water storage tanks.</p>	01/07/2013

S/AR: _____ **Comment:** _____

CA: _____ **Date:** _____

Wildlife BMPs:

BMP Type	Comment
Wildlife	<p>The proposed pad location is within Elk Winter Concentration Area, Mule Deer Critical Winter Range, and Cutthroat Trout Designated Critical Habitat. Given the current site conditions, no BMP's related to Cutthroat Trout are recommended at this time. Basee on the wildlife concerns, CPW recommends the following BMP's.</p> <ol style="list-style-type: none"> 1. Where oil and gas activities must occur in mule deer critical witner range, and elk winter concentration areas, conduct these activities outside the time period from December 1 through April 15. Drilling and operations activities during the Dec 1 through April 15 time period may be possible if agrement is reached with CPW of an appropriate offsite mitigation project or phased development approach. 2. Restrict post-development well site visitation to between the hours of 9:00am and 4:00 pm from December 1 to April 15, to accomodate big game winter ranges. 3. Follow company guidelines to minimize wildlife mortality from vehicle collisions on roads. 4. Reclaim mule deer, and habitats with native shrubs, grasses and forbs appropriate tothe ecological site disturbed. 5. Install and utilize bear-proof dumpsters and trash receptacles for all food-related trash on location, following COGCC rule 1204 a-1.
Storm Water/Erosion Control	<p>Stormwater Management Plans (SWMP) are in place to comply with both Colorado Department of Public Health and Environment (CDPHE) and Colorado Oil and Gas Conservation Commission (COGCC) stormwater discharge permits. The construction layout for lles Mountain 1-36 details Best Management Practices (BMPs) to be installed during initial construction. Note that BMPs may be removed, altered, or replaced with changing conditions in the field and the SWMP will be updated accordingly. The BMPs prescribed for the initial construction phase include, but are not limited to:</p> <ul style="list-style-type: none"> -Construct diversion ditch -Sediment reservoirs -Check dams -Level spreaders -Stabilized construction entrance -Slash -Sediment traps -Wattles -Terrace -Secondary containment berms -Detention ponds
Site Specific	Operator has agreed to conduct baseline and follow up sampling in accordance with the attached Baseline Monitoring Program. Also see attached 9pt Drilling Plan and 12pt Surface Use Plan.
Material Handling and Spill Prevention	Spill Prevention Control and Countermeasure Plans (SPCC) are in place to address material releases and to prescribe materials handling BMPs for the facility. "Good housekeeping" measures will be taken to ensure proper waste disposal.
General Housekeeping	Shell will follow the guidelines of the Moffat County Weed and Pest Managment Department.

S/AR: _____ **Comment:** _____

CA: _____ **Date:** _____

Comment: _____

Staking:

On Site Inspection (305):

Surface Owner Contact Information:

Name: _____ Address: _____

Phone Number: _____ Cell Phone: _____

Operator Rep. Contact Information:

Landman Name: _____ Phone Number: _____

Inspector Name: Colby, Lou

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: 431327 Type: WELL API Number: 081-07775 Status: AL Insp. Status: RI

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): _____

Comment: _____

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

Reclamation - Storm Water - Pit

Interim Reclamation:

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

Land Use: RANGELAND

Comment: _____

1003a. Waste and Debris removed? _____

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 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 REVEGETATIONCropland

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: _____

Form 4 submitted by Operator has 6/11/2013 as start date for Interim Reclamation as Permit had not been Abandoned at that time.

Well plugged _____

Pit mouse/rat holes, cellars backfilled _____

Debris removed _____

Pass

No disturbance /Location never built _____

Access Roads _____

Regraded _____

Pass

Contoured _____

Pass

Culverts removed _____

Pass

Gravel removed _____

Pass

Location and associated production facilities reclaimed _____

Pass

Locations, facilities, roads, recontoured _____

Pass

Compaction alleviation _____

Pass

Dust and erosion control _____

Pass

Non cropland: Revegetated 80% _____

In

Cropland: perennial forage _____

Weeds present _____

Fail

Subsidence _____

Pass

Comment: _____

Location was built, Well was not drilled. Patches of Musk thistle (Noxious Weed) have established. Refer to Comments and photos attached for detail of Vegetation and Weeds.

Corrective Action: _____

Noxious weeds should be controlled ASAP though seed has already dispersed, rosettes could have controls applied. Vegetation should be monitored; if not progressing, interseeding and or fencing to exclude Livestock may be needed.

Date

09/15/2016

Overall Final Reclamation

In Process

Well Release on Active Location ☐Multi-Well Location ☐

Inspector Name: Colby, Lou

Storm Water:						
Loc Erosion BMPs	BMP Maintenance	Lease Road Erosion BMPs	Lease BMP Maintenance	Chemical BMPs	Chemical BMP Maintenance	Comment

S/A/V: SATISFACTORY Corrective Date: _____

Comment: _____

CA: _____

Pits: ☒ NO SURFACE INDICATION OF PIT

COGCC Comments

Comment	User	Date
Revegetation in portions of reclamation area is largely weeds. Grasses are establishing, but not able to outcompete weeds or pass the 80% of Reference area requirement at this time. This may be a result of Grazing pressure as it does not appear the Location was fenced to exclude Livestock at beginning of Reclamation Process. Noxious weeds should be controlled ASAP though seed has already dispersed, rosettes could have controls applied. Vegetation should be monitored; if not progressing; inter-seeding and or fencing to exclude Livestock may be needed.	colbyl	08/21/2016

Attached Documents

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

Document Num	Description	URL
680101036	Inspection Photos	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3933856