

**FORM  
INSP**Rev  
X/15

# 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:

10/11/2017

Submitted Date:

11/07/2017

Document Number:

680601977**FIELD INSPECTION FORM**

Loc ID 385549 Inspector Name: ROY, CATHERINE On-Site Inspection ☐ 2A Doc Num: \_\_\_\_\_

**Operator Information:**OGCC Operator Number: 26400Name of Operator: WESTERN GAS RESOURCES, INC

Address: \_\_\_\_\_

City: \_\_\_\_\_ State: CO Zip: \_\_\_\_\_**Status Summary:**☐ THIS IS A FOLLOW UP INSPECTION☒ FOLLOW UP INSPECTION REQUIRED☐ NO FOLLOW UP INSPECTION REQUIRED**Findings:**6 Number of Comments1 Number of Corrective Actions☒ Corrective Action Response Requested**Contact Information:**

Contact Name	Phone	Email	Comment
Mah, Steven		steven.mah@state.co.us	
, Inspections		COGCCinspections@Anadarko.com	<a href="#">All Inspections</a>

**Inspected Facilities:**

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status
214574	WELL	PA	05/08/2004	DA	067-06178	NORTH ALKALI GULCH 14-22	RI

**General Comment:**

This is a followup inspection to inspection number 680601637 conducted on June 13, 2017. Corrective actions documented on the June 2017 inspection and previous inspections are not addressed. Location was inspected on August 25 and later on October 11, 2017. Corrective actions are not addressed. Location is under review by COGCC enforcement officials.

Inspected Facilities									
Facility ID:	214574	Type:	WELL	API Number:	067-06178	Status:	PA	Insp. Status:	RI

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

Date Interim Reclamation Started: \_\_\_\_\_ Date Interim Reclamation Completed: \_\_\_\_\_

Land Use: \_\_\_\_\_

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

**1002 SITE PREPARATION AND STABILIZATION**

1002a. FENCING \_\_\_\_\_

Comment \_\_\_\_\_

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

Date \_\_\_\_\_

1002b. SOIL REMOVAL AND  
SEGREGATION \_\_\_\_\_

Comment \_\_\_\_\_

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

Date \_\_\_\_\_

1002c. PROTECTION OF SOILS \_\_\_\_\_

Comment \_\_\_\_\_

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

Date \_\_\_\_\_

1002E. SURFACE DISTURBANCE MINIMIZATION \_\_\_\_\_

Comment \_\_\_\_\_

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

Date \_\_\_\_\_

1003a. Waste and Debris removed? \_\_\_\_\_

Comment \_\_\_\_\_

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

Date \_\_\_\_\_

Unused or unneeded equipment onsite? \_\_\_\_\_

Comment \_\_\_\_\_

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

Date \_\_\_\_\_

Pit, cellars, rat holes and other bores closed? \_\_\_\_\_

Comment \_\_\_\_\_

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

Date \_\_\_\_\_

Guy line anchors marked? \_\_\_\_\_

Comment \_\_\_\_\_

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

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 Fail

## 1003e. INTERIM VEGETATION TRANSECT

TRANSECT RESULTS OF DISTURBED AREA% \_\_\_\_\_

TRANSECT RESULTS OF REFERENCE AREA% \_\_\_\_\_

TOTAL % OF DESIRABLE VEGETATION COVER \_\_\_\_\_

VEGETATIVE COVER \_\_\_\_\_

1003 f. Weeds Noxious weeds? \_\_\_\_\_ F

Comment \_\_\_\_\_

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

Overall Interim Reclamation Fail

**Final Reclamation/ Abandoned Location:**

Date Final Reclamation Started: \_\_\_\_\_ Date Final Reclamation Completed: \_\_\_\_\_

Final Land Use: \_\_\_\_\_

Reminder: \_\_\_\_\_

Comment: Three vegetation transects and one reference area vegetation transect was conducted.

Well plugged \_\_\_\_\_ Pit mouse/rat holes, cellars backfilled \_\_\_\_\_

Debris removed Fail No disturbance /Location never built \_\_\_\_\_

Access Roads Regraded Fail Contoured Fail Culverts removed Fail

Gravel removed Fail

Location and associated production facilities reclaimed Fail Locations, facilities, roads, recontoured Fail

Compaction alleviation Fail Dust and erosion control \_\_\_\_\_

Non cropland: Revegetated 80% \_\_\_\_\_ Cropland: perennial forage Fail

Weeds present Fail Subsidence \_\_\_\_\_

## 1004.d. FINAL VEGETATION TRANSECT

TRANSECT RESULTS OF DISTURBED AREA% \_\_\_\_\_

TRANSECT RESULTS OF REFERENCE AREA% \_\_\_\_\_

TOTAL % OF DESIRABLE VEGETATION COVER \_\_\_\_\_

VEGETATIVE COVER \_\_\_\_\_

Comment:

Corrective Action:	<p>Reclamation: The entire location including the well pad, access road, pit area northeast of the well pad is not recontoured, decompacted, or properly revegetated. Pipeline riser near well pad entrance remains.</p> <p>Weeds: It appears that some of the weeds have been controlled as fewer spotted knapweed were observed than in 2016 inspections. Approximately 100 spotted knapweed rosettes, 75 yellow toadflax, and 150 leafy spurge were observed.</p>	Date <b>10/21/2016</b>
	<p>CA 1 - Reclamation: Reclamation of the well pad and access road including removal of all oil and gas equipment (riser) needs to be conducted no later than November 1, 2016.</p> <p>CA 2 - Weeds: Control weeds by October 21, 2016.</p> <p>Corrective action date will remain the same as earlier inspections to document time since original corrective action expired.</p>	
Overall Final Reclamation <b>Fail</b> Well Release on Active Location <input type="checkbox"/> Multi-Well Location <input type="checkbox"/>		

**Storm Water:**

Loc Erosion BMPs	BMP Maintenance	Lease Road Erosion BMPs	Lease BMP Maintenance	Chemical BMPs	Chemical BMP Maintenance	Comment
<p>Comment: Stormwater erosion is occurring within the well pad cut-slope. Proper reclamation including recontouring and revegetation will help stabilize this area. Stormwater erosion will need to be controlled throughout the reclamation process until it passes final reclamation. Careful attention should be made to prevent sediment runoff due to the proximity of the location to a reservoir.</p>						
Corrective Action:						Date:
<b>Pits:</b> <input checked="" type="checkbox"/> NO SURFACE INDICATION OF PIT						

**COGCC Comments**

Comment	User	Date
Location does not meet final reclamation regulations. Location has been out of compliance with reclamation regulations since 2005. Corrective actions noted in previous inspections have not been addressed. The entire location including the well pad, access road, pit area northeast of the well pad needs to be recontoured, decompacted, and revegetated. Pipeline riser should be removed. Weeds need to be controlled by October 21, 2016. Reclamation activities (including riser removal) need to be conducted no later than November 1, 2016. Stormwater erosion and weeds need to be controlled until the location has been revegetated to vegetative standards in 1004 rules, and passes final reclamation.	RoyC	09/06/2017

**Attached Documents**

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

Document Num	Description	URL
401452827	INSPECTION SUBMITTED	<a href="http://ogccwebblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4296785">http://ogccwebblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4296785</a>
680602209	Transect Datasheet	<a href="http://ogccwebblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4296778">http://ogccwebblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4296778</a>
680602210	Inspection Photos	<a href="http://ogccwebblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4296779">http://ogccwebblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4296779</a>