

**FORM  
INSP**Rev  
X/20**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:

06/10/2022

Submitted Date:

06/14/2022

Document Number:

702800325**FIELD INSPECTION FORM**Loc ID 313347 Inspector Name: O'Malley, Anna On-Site Inspection ☐ 2A Doc Num: \_\_\_\_\_**Operator Information:**OGCC Operator Number: 10396Name of Operator: SWN PRODUCTION COMPANY LLCAddress: P.O. BOX 12359City: SPRING State: TX Zip: 77391-**Status Summary:**

- ☐ THIS IS A FOLLOW UP INSPECTION
- ☐ FOLLOW UP INSPECTION REQUIRED
- ☒ NO FOLLOW UP INSPECTION REQUIRED

**Findings:**7 Number of Comments2 Number of Corrective Actions☒ Corrective Action Response Requested**ANY CORRECTIVE ACTION(S) FROM  
PREVIOUS INSPECTIONS THAT HAVE NOT  
BEEN ADDRESSED ARE STILL APPLICABLE****Contact Information:**

Contact Name	Phone	Email	Comment
Gee, Elizabeth	(832) 796-2873	<a href="mailto:liz_gee@swn.com">liz_gee@swn.com</a>	<a href="#">Principle Agent</a>
, SWN		<a href="mailto:swnsandwash@swn.com">swnsandwash@swn.com</a>	<a href="#">All Inspections</a>

**Inspected Facilities:**

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status
290014	WELL	PA	07/25/2018	GW	081-07374	ANTIETAM 11-12D	RI
313347	LOCATION	CL			-	ANTIETAM-67N93W 12NWNW	RI

**General Comment:**

On 06/10/2022, Reclamation Specialist O'Malley conducted a final reclamation and stormwater inspection at SWN Production Company LLC's Antietam-67N93W /12NWNW Location #313347 in Moffat County, Colorado.

The following compliance issues were observed during this inspection:

- Noxious Weeds
- Final reclamation not completed per 1004 Rules

Refer to the "Location," "Reclamation," "Stormwater" and "COGCC Comments" sections of this inspection report for additional details.

Refer to the photo-documentation of the observed compliance issues attached to this report.

Any corrective action(s) from previous inspections that have not been addressed are still applicable.

A follow up inspection on this site will be conducted to ensure the compliance issues have been corrected to comply with COGCC rules.

**Location**Overall Good: ☐

Emergency Contact Number:

Comment: Corrective Action: Date: **Good Housekeeping:**

Type	WEEDS		
Comment:	It was observed in this inspection that noxious weeds and undesirable plant species are widespread and dominate the plant community on the Location. Species include musk and Scotch thistle, cheatgrass, Russian thistle, desert madwort and tall tumble mustard. It appears the Location was recently sprayed to treat weeds and most weeds on Location appeared impacted. However, some individuals appear not to have been sprayed, especially those on the margins of the Location. It was also observed that previously reclaimed areas to the north and east have not been treated and weeds are widespread. Follow up treatment and continuous weed management will be necessary.		
Corrective Action:	Conduct weed management to prevent further establishment and spread of Noxious weeds and undesirable plant species on the entire Location, including the previously reclaimed areas to the north and east; ongoing weed management required until location passes final reclamation.	Date:	06/28/2022

Overall Good: ☐**Spills:**

Type	Area	Volume		
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In Containment: No

Comment: ☐ Multiple Spills and Releases?**Venting:**

Yes/No			
Comment:			
Corrective Action:		Date:	

**Flaring:**

Type		
Comment:		
Corrective Action:		Date:

Inspected Facilities									
Facility ID:	290014	Type:	WELL	API Number:	081-07374	Status:	PA	Insp. Status:	RI
Facility ID:	313347	Type:	LOCATION	API Number:	-	Status:	CL	Insp. Status:	RI

**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 \_\_\_\_\_

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 \_\_\_\_\_

## 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? \_\_\_\_\_

Comment \_\_\_\_\_

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

Overall Interim Reclamation

**Final Reclamation/ Abandoned Location:**

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

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

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

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

Well plugged Pass Pit mouse/rat holes, cellars backfilled Pass

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

Access Roads Regraded **Fail** Contoured Fail Culverts removed \_\_\_\_\_

Gravel removed Fail

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

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

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

Weeds present Fail Subsidence Pass

## 1004.d. FINAL VEGETATION TRANSECT

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

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

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

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

Comment: [Refer to the "Location" section of this inspection report for weed control corrective action.](#)  
[Refer to the "COGCC Comments" section of this inspection report for "Final Reclamation Comments"](#)

Corrective Action:	<p style="color: red;">Remove flowline risers and power lines associated with the Location.</p> <p style="color: red;">Reclaim the Location access road.</p> <p style="color: red;">Perform final reclamation as applicable on the Location including but not limited to compaction alleviation (cross ripping to a minimum depth of 18 inches) or documentation of previous Location decompaction, berm removal, and revegetation of the Location. Use a seed mix from the surface owner, or prescribed by the local soil conservation district. Provide, attached to an FIRR a signed Surface Owner letter indicating the seed mix for final reclamation. In the absence of an agreement between the Operator and the Surface Owner, provide a signed letter indicating the seed mix for final reclamation from the local soil conservation district.</p>	Date <b>11/15/2022</b>				
Overall Final Reclamation <span style="color: red;">Fail</span> Well Release on Active Location <input type="checkbox"/> Multi-Well Location <input type="checkbox"/>						
<b>Storm Water:</b>						
Loc Erosion BMPs	BMP Maintenance	Lease Road Erosion BMPs	Lease BMP Maintenance	Chemical BMPs	Chemical BMP Maintenance	Comment
Comment: <span style="color: blue;">At the time of this inspection no stormwater issues were observed.</span>						Date: _____
Corrective Action: <div style="border: 1px solid black; height: 20px; width: 100%;"></div>						
<b>Pits:</b> <input type="checkbox"/> NO SURFACE INDICATION OF PIT						

**COGCC Comments**

Comment	User	Date
<p style="color: blue;">Reclamation Comments</p> <p style="color: blue;">It was observed in this inspection that the Location has been partially reclaimed. Stormwater BMPs and various berms are still present at the north and east of the Location, therefore the Location has not been completely recontoured to match the surrounding landscape. It appears the Location has not been decompacted. Soils were platy, and very difficult to penetrate with a shovel. The soil surface appears to have been graded smooth. A rough soil surface may produce better results for revegetation and is beneficial for increasing infiltration and reducing erosion potential. Seeding appears to have failed. Seeded species are rare and the Location is dominated by undesirable plant species and noxious weeds. Seeded species include crested wheatgrass, smooth brome and Russian wildrye and are non-native and not found in reference areas. Flowline risers were observed to the west of the Location, across the road. All equipment associated with the Location, including risers and power lines must be removed for final reclamation.</p>	omalleya	06/14/2022

**Attached Documents**

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

Document Num	Description	URL
403079275	INSPECTION SUBMITTED	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=5779543">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=5779543</a>
702800326	Inspection Photos	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=5779542">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=5779542</a>