

**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	liz_gee@swn.com	Principle Agent
, SWN		swnsandwash@swn.com	All Inspections

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.

LocationOverall 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 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 REVEGETATIONCropland

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 11/15/2022				
Overall Final Reclamation Fail 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
Comment: At the time of this inspection no stormwater issues were observed.						Date: _____
Corrective Action: <div style="border: 1px solid black; height: 20px; width: 100%;"></div>						
Pits: <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
702800326	Inspection Photos	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=5779542