

**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:

03/07/2018

Submitted Date:

03/21/2018

Document Number:

680102779**FIELD INSPECTION FORM**

Loc ID 307404	Inspector Name: Colby, Lou	On-Site Inspection <input type="checkbox"/>	2A Doc Num: _____	Status Summary: <input type="checkbox"/> THIS IS A FOLLOW UP INSPECTION <input checked="" type="checkbox"/> FOLLOW UP INSPECTION REQUIRED <input type="checkbox"/> NO FOLLOW UP INSPECTION REQUIRED
Operator Information: OGCC Operator Number: <u>10672</u> Name of Operator: <u>TIMBER CREEK OPERATING LLC</u> Address: <u>1001 17TH STREET #1000</u> City: <u>DENVER</u> State: <u>CO</u> Zip: <u>80202</u>				Findings: 4 Number of Comments 2 Number of Corrective Actions <input checked="" type="checkbox"/> Corrective Action Response Requested

Contact Information:

Contact Name	Phone	Email	Comment
		scottzimmerman@tcenergy.us	
		ediefitzgerald@tcenergy.us	

Inspected Facilities:

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status
217620	WELL	PA	11/05/2009	GW	071-06399	GOLDEN EAGLE MINE GE-73-94	RI

General Comment:

This is a Final Reclamation Inspection for PA Well API#071-06399; Plugged and Abandoned 11/5/2009. Final Reclamation has not been performed at Location. All reclamation work should have been complete within twelve (12) months of plugging the well (11/5/09); all work should have been conducted by 11/5/10. Site degradation and erosion has occurred as a result of the delayed reclamation.

This matter is being referred to enforcement. This inspection is being entered for notification and documentation only and is not intended to provide the Operator the opportunity to resolve the alleged violations without the imposition of a penalty, pursuant to Rule 522.c.(1).

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: The access road winds nearly 1.1 miles South to Northwest, from hilltop to bottom of drainage & back up to hilltop linking three PA wells. Reclamation will need to be coordinated for these three sites that need Final Reclamation & the access road that requires Final Reclamation. The road services no PR locations. Photo log of road is attached.

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

Debris removed _____ 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 Fail

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:

Corrective Action:	Location does not meet Final Reclamation requirements. Access road has not been reclaimed and has erosion issues as well as what appears to be abandoned lines & risers that have not been reclaimed. Site has not been re-contoured, decompacted, or properly revegetated. Metal posts & signage will need to be removed. Noxious weed, Scotch thistle and biennial Mullein was noted on site. Access Rd to this Site leads on to neighboring PA wells API#071-06401 & #071-06396 located to the South. Refer to photo log of location & photo log of access road attached to this Inspection.	Date _____
	<p>Perform final reclamation on the access road and location per COGCC 1004 Rules including but not limited to recontouring, replacement of topsoil, and seeding of site. Install and maintain appropriate BMPs to stabilize location until uniform vegetation establishes across all disturbance areas.</p> <p>Remove all Risers/ Flowlines/ Pipelines along access road that serviced the three wells. Control Noxious weeds, continue monitoring & controls until site is Passed for Final Reclamation.</p> <p>Operator is directed to perform corrective actions outlined on this inspection report immediately. Doing so may decrease the duration of the alleged violations and potential penalties that may be assessed pursuant to Rule 523.</p>	
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
<p>Comment: Stormwater erosion is occurring on access road with erosion channels more than 4 feet deep in areas. Erosion with sediment migration is occurring within the well pad cut-slope. Refer to photo logs attached. Proper reclamation including recontouring and revegetation will help stabilize these areas. Stormwater erosion will need to be controlled throughout the reclamation process until site passes Final Reclamation.</p>						
<p>Corrective Action: Install or repair required BMPs per Rule 1002.f in conjunction with reclamation activities at the site. Maintain BMPs for stabilization of location until uniform vegetation is established across all disturbance areas.</p> <p>Operator is directed to perform corrective actions outlined on this inspection report immediately. Doing so may decrease the duration of the alleged violations and potential penalties that may be assessed pursuant to Rule 523.</p>						
Pits: <input checked="" type="checkbox"/> 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
680102795	Inspection Access Rd Photos	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4410041
680102796	Inspection Location Photos	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4410042