

**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:

04/20/2017

Submitted Date:

04/21/2017

Document Number:

682402027

FIELD INSPECTION FORM

Loc ID 445473 Inspector Name: Binschus, Chris On-Site Inspection 2A Doc Num: _____

Status Summary:

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

Operator Information:

OGCC Operator Number: 10311
Name of Operator: SYNERGY RESOURCES CORPORATION
Address: 1675 BROADWAY SUITE 2600
City: DENVER State: CO Zip: 80202

Findings:

- 6 Number of Comments
- 0 Number of Corrective Actions
- Corrective Action Response Requested

Contact Information:

Contact Name	Phone	Email	Comment
		dkulmann@syrginfo.com	
Treitz, Rebecca		rebecca.treitz@state.co.us	
Pennington, Dave		dpennington@syrginfo.com	

Inspected Facilities:

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status
445673	WELL	XX	11/29/2016		123-43168	SRC WILLIAMS 11-4-5NM-C	RI
445674	WELL	DG	09/21/2016		123-43169	SRC WILLIAMS 12-4-5NM-A	RI
445675	WELL	DG	09/20/2016		123-43170	SRC WILLIAMS 12-4-5CM	RI
445676	WELL	DG	09/18/2016		123-43171	SRC WILLIAMS A-4-5NM-A	RI
445677	WELL	DG	09/16/2016		123-43172	SRC WILLIAMS 11-4-5NM-A	RI
445678	WELL	DG	09/18/2016		123-43173	SRC WILLIAMS A-4-5NM-C	RI
445679	WELL	DG	09/17/2016		123-43174	SRC WILLIAMS 11-4-5CM	RI
445680	WELL	DG	09/22/2016		123-43175	SRC WILLIAMS 22-4-5NM-C	RI

General Comment:

This inspection was conducted to observe that mitigation measures have been implemented because the location is within a buffer zone for a Bald Eagle nest. Refer to the Location Construction section of the report for more details. While at location, a reclamation and stormwater inspection was performed.

Location

Overall Good:

Emergency Contact Number:

Comment:

Corrective Action:

Date: _____

Good Housekeeping:

Type

WEEDS

Comment:

A List B Colorado Noxious weed, Canada thistle (*Cirsium arvense*), was observed along a portion of the location which needs to be control and managed to prevent further spreading onto adjacent lands. Refer to inspection Photo 10.

Corrective Action:

Date:

Overall Good:

Spills:

Type

Area

Volume

In Containment: No

Comment:

Multiple Spills and Releases?

Venting:

Yes/No

Comment:

Corrective Action:

Date:

Flaring:

Type

Comment:

Corrective Action:

Date:

Location Construction

Location ID: 445473 CDP: _____

Comment: _____

Corrective Action: _____

Date: _____

Form 2A COAs:

Comment: Form 2A Document #400894726 was permitted for 5.14 acres of disturbance during construction. Field collected data on April 20, 2017 using a Trimble handheld GPS would indicate construction disturbance totaled 7.27 acres. In addition, the Operator has constructed and using a Modular Large Volume Tank (MLVT) location that does not appear to be permitted in the approved 2A. A sound wall has been installed around the perimeter of the well pad location to mitigate for auditory and visual disturbances to the Bald Eagle nest. It did not appear that mitigation measures have been implemented for the MLVT location. Deciduous trees appear to be starting leaf growth but not full leaf growth has been established. At the time of this inspection, it could appear that deciduous trees would serve as a visual barrier but no auditory mitigation measure was observed. COGCC staff is reviewing the findings of this information and will be in contact with the Operator.

Corrective Action: _____

Date: _____

Wildlife BMPs:

Comment: _____

Corrective Action: _____

Date: _____

Comment: _____

Corrective Action: _____

Date: _____

On Site Inspection (305):

Surface Owner Contact Information:

Name: _____ Address: _____

Phone Number: _____ Cell Phone: _____

Operator Rep. Contact Information:

Landman Name: _____ Phone Number: _____

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:

Inspected Facilities

Facility ID: <u>445673</u>	Type: <u>WELL</u>	API Number: <u>123-43168</u>	Status: <u>XX</u>	Insp. Status: <u>RI</u>
Facility ID: <u>445674</u>	Type: <u>WELL</u>	API Number: <u>123-43169</u>	Status: <u>DG</u>	Insp. Status: <u>RI</u>
Facility ID: <u>445675</u>	Type: <u>WELL</u>	API Number: <u>123-43170</u>	Status: <u>DG</u>	Insp. Status: <u>RI</u>
Facility ID: <u>445676</u>	Type: <u>WELL</u>	API Number: <u>123-43171</u>	Status: <u>DG</u>	Insp. Status: <u>RI</u>
Facility ID: <u>445677</u>	Type: <u>WELL</u>	API Number: <u>123-43172</u>	Status: <u>DG</u>	Insp. Status: <u>RI</u>
Facility ID: <u>445678</u>	Type: <u>WELL</u>	API Number: <u>123-43173</u>	Status: <u>DG</u>	Insp. Status: <u>RI</u>
Facility ID: <u>445679</u>	Type: <u>WELL</u>	API Number: <u>123-43174</u>	Status: <u>DG</u>	Insp. Status: <u>RI</u>
Facility ID: <u>445680</u>	Type: <u>WELL</u>	API Number: <u>123-43175</u>	Status: <u>DG</u>	Insp. Status: <u>RI</u>

Reclamation - Storm Water - Pit

Interim Reclamation:

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

Land Use: IRRIGATED

Comment: _____

1002 SITE PREPARATION AND STABILIZATION

1002a. FENCING _____

Comment _____

Corrective Action _____

Date _____

1002b. SOIL REMOVAL AND SEGREGATION Pass

Comment Topsoil salvaged, stored, and temporarily stabilized along the perimeter of location. Per Rule 1002, topsoil shall be stabilized and protected from degradation due to wind and water erosion. Per Rule 1002, BMPs to prevent weed establishment and to maintain soil microbial activity shall be implemented.

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: IRRIGATED _____

Reminder: _____

Comment: _____

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

Debris removed _____ No disturbance /Location never built _____

Access Roads Regraded _____ Contoured _____ Culverts removed _____

Gravel removed _____

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

Compaction alleviation _____ Dust and erosion control _____

Non cropland: Revegetated 80% _____ Cropland: perennial forage _____

Weeds present _____ 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: _____

Date _____

Overall Final Reclamation _____ Well Release on Active Location Multi-Well Location

Storm Water:						
Loc Erosion BMPs	BMP Maintenance	Lease Road Erosion BMPs	Lease BMP Maintenance	Chemical BMPs	Chemical BMP Maintenance	Comment
Sediment Traps	Pass					
Berms	Pass					
Waddles	Pass					
Culverts	Pass					
Ditches	Pass					
<p>Comment: Portions of the berm BMP do not appear to be consistently compacted along the southern MLVT location. Berms shall be compacted to ensure soil material from the BMP does not contribute to sediment discharge from the location. BMPs should remain in place and in proper functioning condition until the location reaches final reclamation.</p> <p>Corrective Action: <input type="text"/> Date: _____</p> <p>Pits: <input type="checkbox"/> NO SURFACE INDICATION OF PIT</p>						

COGCC Comments		
Comment	User	Date
Refer to the attached inspection photos.	binschusc	04/21/2017

Attached Documents

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

Document Num	Description	URL
401264849	INSPECTION SUBMITTED	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4129240
401265174	Inspection Photos	InspectionPhotos_445473.pdf
682402030	Inspection Photos	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4129215