

FORM  
INSPRev  
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:

07/26/2019

Submitted Date:

07/09/2019

Document Number:

692401138**FIELD INSPECTION FORM**

Loc ID \_\_\_\_\_ Inspector Name: \_\_\_\_\_ On-Site Inspection   
445005 \_\_\_\_\_ Colby, Lou \_\_\_\_\_ 2A Doc Num: \_\_\_\_\_

**Operator Information:**

OGCC Operator Number: 10598  
Name of Operator: SANDRIDGE EXPLORATION & PRODUCTION LLC  
Address: 123 ROBERT S KERR AVE  
City: OKLAHOMA CITY State: OK Zip: 73102

**Status Summary:**

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

**Findings:**

- 12 Number of Comments  
5 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
Church, Matt	405-651-6853	mchurch@sandridgeenergy.com	
		sandridgeenvironmental@sandridgeenergy.com	

**Inspected Facilities:**

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status
445004	WELL	PR	03/01/2019		057-06551	SU 0680 3-9H16	RI
445006	WELL	PR	03/01/2019		057-06552	SU 0680 6-4H	RI
458559	WELL	PR	03/01/2019		057-06611	SU 0680 12-9H16	RI

**General Comment:**

This is an Interim Reclamation & Stormwater focused Inspection, a Joint Inspection with Field Inspector Emily Waldron, Any Corrective Actions from previous Inspections that have not been addressed are still applicable. Location was built in late Fall 2018. Three PR Wells are on site and thirteen APDs in Process. This site lies within a Sensitive Wildlife Habitat; Greater Sage Grouse and within CPW Black Bear Area.

**Inspected Facilities**

Facility ID: 445004 Type: WELL API Number: 057-06551 Status: PR Insp. Status: RI

Facility ID: 445006 Type: WELL API Number: 057-06552 Status: PR Insp. Status: RI

Facility ID: 458559 Type: WELL API Number: 057-06611 Status: PR Insp. Status: RI

**Reclamation - Storm Water - Pit**

**Interim Reclamation:**

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

Land Use: RANGELAND

Comment: [Interim Reclamation not yet installed. 2A had schedule for Interim 10/29/19.](#)

**1002 SITE PREPARATION AND STABILIZATION**

1002a. FENCING Pass

Comment [Barb Wire.](#)

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

1002b. SOIL REMOVAL AND SEGREGATION Fail

Comment [Topsoil is not fully segregated/ stabilized & has the potential for degradation due to mixing with subsoil and wind/water erosion, and has the potential to become a source of sediment pollution. Refer to Photos attached.](#)

Corrective Action [Maintain topsoil segregation.](#) Date **07/23/2019**

1002c. PROTECTION OF SOILS Fail

Comment [Topsoil is not fully segregated/ stabilized & has the potential for degradation due to mixing with subsoil and wind/water erosion, and has the potential to become a source of sediment pollution. Refer to Photos attached.](#)

Corrective Action [Stabilize topsoil stockpile.](#) Date **07/23/2019**

1002E. SURFACE DISTURBANCE MINIMIZATION Fail

Comment [Site is out of compliance with 1002.E](#)

Corrective Action [COGCC requires that the Following Documents be submitted immediately.  
1\) Drill Rig Layout  
2\) Hydraulic Fracturing Layout  
3\) Interim Reclamation Plan](#) Date \_\_\_\_\_

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

Comment [Addressed in FIU Inspection.](#)

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

Unused or unneeded equipment onsite? Fail

Comment [Discarded T posts by cattle guard entry.](#)

Corrective Action [Remove unused equipment from site.](#) Date **07/23/2019**

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? \_\_\_\_\_ P \_\_\_\_\_

Comment Interim not yet installed. From 2A it appears site footprint would not be much reduced; only by .09 acres after Interim Reclamation.

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

Overall Interim Reclamation

**Final Reclamation/ Abandoned Location:**

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

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

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

<b>Storm Water:</b>						
Loc Erosion BMPs	BMP Maintenance	Lease Road Erosion BMPs	Lease BMP Maintenance	Chemical BMPs	Chemical BMP Maintenance	Comment
Silt Fences	Fail					
Other	Fail					Weir
Waddles	Fail					
		Other	Fail			Lack of BMPs on access road & entry.
<p><b>Comment:</b> Silt fence is compromised in numerous areas all along site perimeter; overwhelmed with sediment at points and being undercut by stormwater in others. In one area silt fence has been completely buried by dirt work on site. Large amount of sediment migration off of site is occurring. Wattles separating topsoil from subsoil need maintenance. There is absence of BMPs at entries and along access road, allowing sediment migration. Weir is not installed in position to function properly, has no settling BMP receiving &amp; is conveying SW directly into silt fence, no series of BMPs to settle sediment, dissipate energy or discharge stormwater. Refer to Photo Log attached.</p> <p><b>Corrective Action:</b> Install sufficient/effective BMPs in accordance with, and monitoring per Good Engineering Practices per Rule 1002.f ; Using redundant BMPs in series to minimize overloading &amp; prevent potential failures. Address erosion control as primary measure &amp; address sediment control as secondary measure.</p> <p>Shorter CA date is given because of concern of monsoon rains further exacerbating the sediment migration concerns at site.</p>						Date: 07/23/2019
<p><b>Pits:</b> <input type="checkbox"/> NO SURFACE INDICATION OF PIT</p>						

**Attached Documents**

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

Document Num	Description	URL
692401167	Inspection Photos RI	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4872224">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4872224</a>