

**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:

08/15/2019

Submitted Date:

08/29/2019

Document Number:

692401291

**FIELD INSPECTION FORM**
 Loc ID 448834 Inspector Name: Colby, Lou On-Site Inspection ☐ 2A Doc Num:
**Operator Information:**

OGCC Operator Number: 10598

Name of Operator: SANDRIDGE EXPLORATION &amp; 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:**

7 Number of Comments

4 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
448967	WELL	XX	01/18/2017		057-06591	Grizzly 0881 3-1H36	RI
448968	WELL	XX	01/18/2017		057-06592	Peters 0781 14-12H13	RI
448969	WELL	PR	08/16/2018		057-06593	Grizzly 0881 2-1H36	RI
448970	WELL	PR	02/01/2018		057-06594	Grizzly 0881 4-1H36	RI
448971	WELL	XX	10/10/2017		057-06595	Peters 0781 12-12H13	RI
448973	WELL	XX	01/18/2017		057-06596	Grizzly 0881 1-1H36	RI
448974	WELL	PR	08/23/2018		057-06597	Peters 0781 16-12H13	RI

**General Comment:**

This is an Interim Reclamation & Stormwater focused Inspection, a Follow Up to Insp Doc#692401150 Dated 6/27/19. Any Corrective Actions from previous Inspections that have not been addressed are still applicable. This site lies within a Sensitive Wildlife Habitat; Greater Sage Grouse and CPW Black Bear Area.

CAs from Previous Inspection were entered for notification and documentation only (CA Dates have not been entered or back dated as appropriate). Operator was directed to perform corrective actions outlined in inspection report immediately as Inspection might be referred to enforcement.

**Inspected Facilities**

Facility ID: <u>448967</u>	Type: <u>WELL</u>	API Number: <u>057-06591</u>	Status: <u>XX</u>	Insp. Status: <u>RI</u>
Facility ID: <u>448968</u>	Type: <u>WELL</u>	API Number: <u>057-06592</u>	Status: <u>XX</u>	Insp. Status: <u>RI</u>
Facility ID: <u>448969</u>	Type: <u>WELL</u>	API Number: <u>057-06593</u>	Status: <u>PR</u>	Insp. Status: <u>RI</u>
Facility ID: <u>448970</u>	Type: <u>WELL</u>	API Number: <u>057-06594</u>	Status: <u>PR</u>	Insp. Status: <u>RI</u>
Facility ID: <u>448971</u>	Type: <u>WELL</u>	API Number: <u>057-06595</u>	Status: <u>XX</u>	Insp. Status: <u>RI</u>
Facility ID: <u>448973</u>	Type: <u>WELL</u>	API Number: <u>057-06596</u>	Status: <u>XX</u>	Insp. Status: <u>RI</u>
Facility ID: <u>448974</u>	Type: <u>WELL</u>	API Number: <u>057-06597</u>	Status: <u>PR</u>	Insp. Status: <u>RI</u>

**Reclamation - Storm Water - Pit****Interim Reclamation:**

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

Land Use: RANGELAND

Comment: Interim Reclamation has not been installed at site.

June of 2018 was date latest Well began producing. Refiles for 2A and APDs for XX Wells are In Process. Delayed Interim NTO Variance Request has not been filed for this Site.

**1002 SITE PREPARATION AND STABILIZATION**

1002a. FENCING \_\_\_\_\_

Comment

Corrective Action

Date \_\_\_\_\_

1002b. SOIL REMOVAL AND  
SEGREGATION \_\_\_\_\_

Comment

Operator identified Topsoil stockpile location and has ordered signage for topsoil stockpiles.  
CA from previous inspection has been resolved.

Corrective Action

Date \_\_\_\_\_

1002c. PROTECTION OF SOILS \_\_\_\_\_ Fail

Comment

Topsoil stockpile is covered in weeds and does not appear to have been seeded to stabilize with desirable species.

Corrective Action

Control weeds on stockpile and establish desirable vegetation for stabilization

Date 10/15/2019

1002E. SURFACE DISTURBANCE MINIMIZATION \_\_\_\_\_

Comment

Corrective Action

Date \_\_\_\_\_

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

Comment

Trash and majority of debris weeds have been cleaned up, resolving previous CA; however, vegetation established on berms and slopes is ruderal weeds, now green, but soon to senesce and become debris.

Corrective Action

Control growth of ruderal weeds on berms; establish desirable vegetation on slopes, incorporating with installation of Interim Reclamation scheduled for site.

Date 11/08/2019

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

Interim Reclamation has not been installed at site.  
June of 2018 was date latest Well began producing. Refiles for 2A and APDs for XX Wells are  
In Process. Delayed Interim NTO Variance Request has not been filed for this Site.

Corrective Action

Reclaim Location for Interim Reclamation per COGCC 1003 Series Rules; installing  
Reclamation in areas no longer needed for Use , installing BMPs to stabilize location while  
desired perennial vegetation establishes.

Date **10/31/2019**Overall Interim Reclamation **Fail****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: <span style="border: 1px solid black; display: inline-block; width: 600px; height: 20px;"></span>						Date: <span style="border: 1px solid black; display: inline-block; width: 100px; height: 20px;"></span>
Overall Final Reclamation <span style="border: 1px solid black; display: inline-block; width: 150px; height: 20px;"></span>		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: There is a general lack of BMPs on site. BMPs that are installed are ineffective. Lack of perimeter controls at base of berms/slopes has resulted in sediment migration off site.

Corrective Action: Install sufficient/effective BMPs in accordance with, and monitoring per Good Engineering Practices per Rule 1002.f

Operator recommended to review Stormwater plan for Location, designing with use of redundant BMPs in series; addressing erosion control as primary measure & sediment control as secondary measure; incorporating with installation of Interim Reclamation.

Date:  10/31/2019

**Pits:** ☐ 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
402162055	INSPECTION SUBMITTED	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4925315">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4925315</a>
692401292	Inspection Photos RI	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4925314">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4925314</a>