

**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:

06/27/2019

Submitted Date:

07/14/2019

Document Number:

692401143**FIELD INSPECTION FORM**Loc ID 438250 Inspector Name: Colby, Lou On-Site Inspection ☐ 2A Doc Num: \_\_\_\_\_**Operator Information:**OGCC Operator Number: 10598Name of Operator: SANDRIDGE EXPLORATION & PRODUCTION LLCAddress: 123 ROBERT S KERR AVECity: 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 Comments4 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
Neidel, Kris		kris.neidel@state.co.us	
Church, Matt	405-651-6853	mchurch@sandridgeenergy.com	
		sandridgeenvironmental@sandridgeenergy.com	
Fischer, Alex		alex.fischer@state.co.us	

**Inspected Facilities:**

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status
438251	WELL	DG	04/10/2017	LO	057-06530	Ray Ranch 0780 4-16H	RI
438252	WELL	PR	03/01/2019	LO	057-06531	Ray Ranch 0780 #1-16H	RI
446363	WELL	PR	03/01/2019	OW	057-06554	Ray Ranch 0780 2-16H	RI
446364	WELL	DG	08/06/2016	OW	057-06555	Ray Ranch 0780 3-16H	RI

**General Comment:**

This Inspection maybe referred to enforcement; it is being entered for notification and documentation only (CA Dates have not been entered or back dated as appropriate) 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). Operator is directed to perform corrective actions outlined on this inspection report immediately.

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. This site lies within a Sensitive Wildlife Habitat; Greater Sage Grouse, subject to Wildlife Timing Stipulations and within CPW Black Bear Area. Estimated depth to ground water at Location 40 Feet. Location was expanded in Winter of 2018-19.

**Location Construction**

Location ID: 438250 CDP: \_\_\_\_\_

Comment: \_\_\_\_\_

Corrective Action: \_\_\_\_\_

Date: \_\_\_\_\_

**Form 2A COAs:**

Comment: \_\_\_\_\_

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>438251</u>	Type: <u>WELL</u>	API Number: <u>057-06530</u>	Status: <u>DG</u>	Insp. Status: <u>RI</u>
Facility ID: <u>438252</u>	Type: <u>WELL</u>	API Number: <u>057-06531</u>	Status: <u>PR</u>	Insp. Status: <u>RI</u>
Facility ID: <u>446363</u>	Type: <u>WELL</u>	API Number: <u>057-06554</u>	Status: <u>PR</u>	Insp. Status: <u>RI</u>
Facility ID: <u>446364</u>	Type: <u>WELL</u>	API Number: <u>057-06555</u>	Status: <u>DG</u>	Insp. Status: <u>RI</u>

**Environmental****Waste Management:**

Type	Management	Condition	GPS (Lat)	(Long)
Drill Cuttings	Piles	Inadequate		
Comment	There are piles of unknown material that have the appearance of cuttings in the Northwest corner of site. Material is piled at base of and spread on cut slope (reaching to topsoil stockpiled at top of cut). Material is inundated at base by stormwater ponded on the Pad. There is also an unknown spread of material on area of NW Location berm.			
Corrective Action	<p>Contact COGCC EPS Staff:</p> <p>CA: E&amp;P Waste: not properly stored, handled, transported, treated, recycled, or disposed per Rule 907. Contact COGCC EPS staff.</p> <p>CA : Non E&amp;P Waste: Non E&amp;P Waste not properly stored, handled, transported, treated, or disposed per Rule 907A. Contact COGCC EPS staff.</p> <p>Operator is directed to perform corrective actions outlined on this inspection report immediately.</p>			Date:

**Spill/Remediation:**

Comment:

Corrective Action:  Date:

Emission Control Burner (ECB): Comment: Pilot:  Wildlife Protection Devices (fired vessels):

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

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

Land Use: RANGELAND

Comment: Two Wells recently drilled on location have not yet produced. Interim Reclamation has not yet been installed.

**1002 SITE PREPARATION AND STABILIZATION**

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

Comment \_\_\_\_\_

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

Date \_\_\_\_\_

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

Comment Material spread on cut slope is reaching up to topsoil stored on top of cut. Cut slope itself, has several excavations in it, which could cause sloughing of topsoil.

Corrective Action Comply with 1002.b

Date \_\_\_\_\_

Operator is directed to perform corrective actions outlined on this inspection report immediately.

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

Comment Material spread on cut slope is reaching up to topsoil stored on top of cut. Cut slope itself, has several excavations in it, which could cause sloughing of topsoil.

Refer to Environmental Waste Management Section.

Corrective Action Comply with 1002.c

Date \_\_\_\_\_

Operator is directed to perform corrective actions outlined on this inspection report immediately.

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

Comment \_\_\_\_\_

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

Date \_\_\_\_\_

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

Comment Addressed in House keeping Section of FIU Inspection.

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: 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 ☐

**Storm Water:**

Loc Erosion BMPs	BMP Maintenance	Lease Road Erosion BMPs	Lease BMP Maintenance	Chemical BMPs	Chemical BMP Maintenance	Comment

Comment: Tracking and main trunk access road crossing hay fields from Hwy 14 and Oxbow Location are addressed in FIU Inspection.

From 2A COA: "No construction or routine maintenance activities will be performed during periods when the soil is too wet to adequately support construction equipment"; this COA has not been adhered to.

Degradation of site is occurring; deep rutting, ponding, material scraped up from pad pushed to site perimeters, sediment running onto & off Location. Wattles installed on perimeter of new construction need maintenance. BMPs are not installed along base of west fill slope; sediment migration occurring. There is absence of BMPs at entries and along access road. Refer to Photo Log attached.

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

Operator is directed to perform corrective actions outlined on this inspection report immediately.

Date: \_\_\_\_\_

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
402107687	INSPECTION SUBMITTED	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4877723">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4877723</a>
692401170	Inspection Photos	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4877722">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4877722</a>