

**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
Church, Matt	405-651-6853	mchurch@sandridgeenergy.com	
Fischer, Alex		alex.fischer@state.co.us	
Neidel, Kris		kris.neidel@state.co.us	
		sandridgeenvironmental@sandridgeenergy.com	

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&P Waste: not properly stored, handled, transported, treated, recycled, or disposed per Rule 907. Contact COGCC EPS staff.</p> <p>CA : Non E&P Waste: Non E&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 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: 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/webblink/>) and search by document number:

Document Num	Description	URL
692401170	Inspection Photos	http://ogccwebblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4877722