

**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:

07/16/2019

Document Number:

692401145**FIELD INSPECTION FORM**Loc ID 439603 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 Comments1 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
444609	WELL	PR	12/01/2018	OW	057-06539	Gregory 0780 1-9H	RI
446904	WELL	XX	07/22/2016		057-06568	Mutual 0780 5-8H	RI
446916	WELL	XX	07/24/2016		057-06569	Gregory 0780 2-9H	RI
446920	WELL	XX	07/24/2016		057-06573	Gregory 0780 4-9H	RI
446921	WELL	XX	07/24/2016		057-06574	Gregory 0780 3-9H	RI
448055	WELL	PR	04/18/2018		057-06586	Castle 0780 6-17H20	RI
448056	WELL	PR	02/01/2018		057-06587	Castle 0780 5-17H20	RI
448057	WELL	PR	07/01/2018		057-06588	Castle 0780 8-17H20	RI
448058	WELL	PR	07/01/2018		057-06589	Castle 0780 7-17H20	RI
452319	WELL	PR	09/01/2018		057-06603	Janet 0780 1-16H21	RI
452320	WELL	PR	09/01/2018		057-06604	Janet 0780 2-16H21	RI
452321	WELL	PR	09/01/2018		057-06605	Janet 0780 4-16H21	RI
452339	WELL	PR	09/01/2018		057-06606	Janet 0780 3-16H21	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 and within CPW Black Bear Area. CPW has granted a permanent waiver for the greater sage-grouse seasonal timing restrictions for construction, drilling, and completions activities. site is within 1.89 miles of a Sage Grouse Lek. Distance to nearest downgradient surface water feature (ditch) is 80 Feet; since recent expansion, this ditch appears immediately adjacent to site. Estimated depth to ground water at Location 60 Feet. Location is surrounded by Freshwater Emergent Wetlands.

Inspected Facilities				
Facility ID: <u>444609</u>	Type: <u>WELL</u>	API Number: <u>057-06539</u>	Status: <u>PR</u>	Insp. Status: <u>RI</u>
Facility ID: <u>446904</u>	Type: <u>WELL</u>	API Number: <u>057-06568</u>	Status: <u>XX</u>	Insp. Status: <u>RI</u>
Facility ID: <u>446916</u>	Type: <u>WELL</u>	API Number: <u>057-06569</u>	Status: <u>XX</u>	Insp. Status: <u>RI</u>
Facility ID: <u>446920</u>	Type: <u>WELL</u>	API Number: <u>057-06573</u>	Status: <u>XX</u>	Insp. Status: <u>RI</u>
Facility ID: <u>446921</u>	Type: <u>WELL</u>	API Number: <u>057-06574</u>	Status: <u>XX</u>	Insp. Status: <u>RI</u>
Facility ID: <u>448055</u>	Type: <u>WELL</u>	API Number: <u>057-06586</u>	Status: <u>PR</u>	Insp. Status: <u>RI</u>
Facility ID: <u>448056</u>	Type: <u>WELL</u>	API Number: <u>057-06587</u>	Status: <u>PR</u>	Insp. Status: <u>RI</u>
Facility ID: <u>448057</u>	Type: <u>WELL</u>	API Number: <u>057-06588</u>	Status: <u>PR</u>	Insp. Status: <u>RI</u>
Facility ID: <u>448058</u>	Type: <u>WELL</u>	API Number: <u>057-06589</u>	Status: <u>PR</u>	Insp. Status: <u>RI</u>
Facility ID: <u>452319</u>	Type: <u>WELL</u>	API Number: <u>057-06603</u>	Status: <u>PR</u>	Insp. Status: <u>RI</u>
Facility ID: <u>452320</u>	Type: <u>WELL</u>	API Number: <u>057-06604</u>	Status: <u>PR</u>	Insp. Status: <u>RI</u>
Facility ID: <u>452321</u>	Type: <u>WELL</u>	API Number: <u>057-06605</u>	Status: <u>PR</u>	Insp. Status: <u>RI</u>
Facility ID: <u>452339</u>	Type: <u>WELL</u>	API Number: <u>057-06606</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: HAY MEADOW, OTHER

Comment: [Location has expanded from disturbed acres 2.49 in 2015 to 10.75 in 2019. 2A indicates that Operator plans to submit an Interim Reclamation Variance request upon completion of the Wells.](#)**1002 SITE PREPARATION AND STABILIZATION**

1002a. FENCING _____

Comment _____

Corrective Action _____

Date _____

1002b. SOIL REMOVAL AND
SEGREGATION _____

Comment _____

Corrective Action _____

Date _____

1002c. PROTECTION OF SOILS _____

Comment _____

Corrective Action _____

Date _____

1002E. SURFACE DISTURBANCE MINIMIZATION _____

Comment [Location has expanded from disturbed acres 2.49 in 2015 to 10.75 \(11.25\) with access road in 2019.](#)

Corrective Action _____

Date _____

1003a. Waste and Debris removed? _____

Comment [Addressed in FIU Insp.](#)

Corrective Action _____

Date _____

Unused or unneeded equipment onsite? _____

Comment [Addressed in FIU inspection.](#)

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: HAY MEADOW, OTHER _____

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
<p>Comment: Tracking and main trunk access road crossing hay fields from Hwy 14 and Oxbow Location are addressed in FIU Inspection.</p> <p>Silt fence has failed at points along new expansion of site. No sediment controls at culvert installation on irrigation ditch. Ponding & degradation of site in several areas of Location. BMP (Weir) at North end of expansion is retaining stormwater on site with no series of BMPs to settle, discharge and dissipate SW energy, but would, if opened discharge stormwater into silt Fence perimeter control. Weir at South end of site (also no series of BMPs) appears not correctly positioned; stormwater collecting downgradient from BMP. Perimeter controls are lacking on portions of older areas of site, allowing sediment run-off.</p> <p>Corrective Action: Install or repair sufficient/effective BMPs in accordance with, and monitoring per Good Engineering Practices per Rule 1002.f.</p> <p>Operator is directed to perform corrective actions outlined on this inspection report immediately. Performing the CA does not bring Operator into compliance with the rules.</p> <p>Date: _____</p>						
<p>Pits: <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
402111883	INSPECTION SUBMITTED	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4880867
692401177	Inspection Photos RI	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4880866