

**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:

692401144**FIELD INSPECTION FORM**Loc ID 446527 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:5 Number of Comments2 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
446806	WELL	IJ	03/01/2019	DSPW	057-06562	Pintail SWD 0780 1-16D	RI
446809	WELL	DG	08/21/2016	OW	057-06565	Evans 0780 8-21H	RI
446810	WELL	XX	12/09/2017	OW	057-06566	Pintail SWD 0780 2-16D	RI
446811	WELL	XX	12/09/2017	OW	057-06567	Pintail SWD 0780 3-16D	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 Follow Up to RI Insp Doc#692400966 Dated 5/8/19 and a Joint Inspection with Field Inspector Emily Waldron. Any Corrective Actions from previous Inspections that have not been addressed are still applicable. Site lies within a Sensitive Wildlife Habitat; Greater Sage Grouse Production and CPW Black Bear area. Location is subject to Wildlife Timing Stipulations. Estimated depth to ground water at Location is 40 Feet. Distance to nearest downgradient surface water feature is 133 Feet which appears to be the Freshwater Emergent Wetlands to North of site.

Inspected Facilities

Facility ID: <u>446806</u>	Type: <u>WELL</u>	API Number: <u>057-06562</u>	Status: <u>IJ</u>	Insp. Status: <u>RI</u>
Facility ID: <u>446809</u>	Type: <u>WELL</u>	API Number: <u>057-06565</u>	Status: <u>DG</u>	Insp. Status: <u>RI</u>
Facility ID: <u>446810</u>	Type: <u>WELL</u>	API Number: <u>057-06566</u>	Status: <u>XX</u>	Insp. Status: <u>RI</u>
Facility ID: <u>446811</u>	Type: <u>WELL</u>	API Number: <u>057-06567</u>	Status: <u>XX</u>	Insp. Status: <u>RI</u>

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

Date Interim Reclamation Started: _____ Date Interim Reclamation Completed: _____

Land Use: RANGELAND

Comment: Location was built in 2016. 2A has Size of Disturbed Area During Construction, 8.84 Acres : Size of Location after Interim Reclamation, 8.84 Acres. Form 4 Doc#401392312, requesting to leave Location at current size was Denied 12/28/17. Site has not been reclaimed for Interim Reclamation.

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 _____

Corrective Action _____ Date _____

1003a. Waste and Debris removed? _____

Comment Addressed in FIU Inspection.
CA from previous RI Inspection has been addressed; old pickup has been removed.

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? Fail Production areas stabilized ? _____

1003c. Compacted areas have been cross ripped? Fail

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? Fail

Production areas have been stabilized? _____ Segregated soils have been replaced? Fail

RESTORATION AND REVEGETATION

Cropland

Top soil replaced _____ Recontoured _____ Perennial forage re-established _____

Non-Cropland

Top soil replaced Fail Recontoured Fail 80% Revegetation Fail

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? F

Comment

CA from Previous Inspection has not been Resolved. Interim Reclamation should have been installed in 2018.

Interim Reclamation has not been installed at site. Large areas, no longer needed for use have not been reclaimed. Form 5 Doc#401568971 reports Rig Release Date of 1/21/18 for API#057-06562.

Desirable vegetation is establishing on top of Cut, along topsoil berm; though Canada thistle (Noxious Weed) is also established.

Corrective Action

There are two CAs in this Section:
CA#1) Reclaim Location for Interim Reclamation per COGCC 1003 Series Rules; installing Reclamation in areas no longer needed for Use, Production, Drilling or Subsequent Operations. Interim Reclamation activities should have been completed by 7/31/18.

CA#2) Control Noxious weeds.

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

Date 07/31/2018

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: _____

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.

BMP repairs have been conducted to address some of the CAs in previous Insp; however BMPs are once again failing. Erosion is occurring on SE & SW corners of cut slope resulting in sediment run-on to site. Sediment run-on, degradation of site still occurring behind equipment in Southeast corner. Washout has developed on North berm/slope. Un-reclaimed area at north side of site is still collecting SW & sediment from Pad, retaining SW with no series of BMPs to settle, discharge and disperse SW energy.

Corrective Action: Install or repair sufficient/effective BMPs in accordance with, and monitoring per Good Engineering Practices per Rule 1002.f
Review Stormwater plan for site (reduced footprint/ Interim Rec complete); incorporating BMP installation and repair with Interim Reclamation installation activities.

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
402108560	INSPECTION SUBMITTED	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4878331
692401175	Inspection Photos RI	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4878329