

**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:

06/26/2019

Submitted Date:

07/10/2019

Document Number:

692401141**FIELD INSPECTION FORM**
 Loc ID 451456 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:**6 Number of Comments3 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
		sandridgeenvironmental@sandridgeenergy.com	
Church, Matt	405-651-6853	mchurch@sandridgeenergy.com	

Inspected Facilities:

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status
451455	WELL	PR	08/16/2018		057-06601	Mallard 0780 1-15H22	RI

General Comment:

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. Location was built in Fall of 2017. This site lies within a Sensitive Wildlife Habitat; Greater Sage Grouse and within CPW Black Bear Area. Location is bordered on the East by the Arapaho National Wildlife Refuge.

Inspected Facilities									
Facility ID:	<u>451455</u>	Type:	<u>WELL</u>	API Number:	<u>057-06601</u>	Status:	<u>PR</u>	Insp. Status:	<u>RI</u>

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

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

Land Use: RANGELAND

Comment: [Site was built in Fall of 2017. Form4 Doc#401801979 reported that Interim Reclamation would commence approx. 5/1/19.](#)**1002 SITE PREPARATION AND STABILIZATION**

1002a. FENCING _____ Pass _____

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 [Three bovine carcasses have been disposed of at NW corner of Location. Cow carcass is in corner just outside Location fence; two calf carcasses are in stormwater flow, one inside Location, one just outside. Operator was notified and indicated carcasses would be moved ASAP. Other Debris is addressed in FIU Inspection.](#)Corrective Action [Move carcasses off Location and out of stormwater flow, higher ground if possible; realizing coordination with Surface Owner is needed.](#)Date **07/17/2019**

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

Site is Past Due Date for installation of Interim Reclamation. One PR Well on site first produced February 2018. Operator reported that Interim Reclamation would commence approx. 5/1/19. It is evident that area has had continuing heavy precipitation events and wet conditions this season, which could be contributing to delay. Pulling in site for Interim Reclamation should also help in resolving Stormwater concerns.

Corrective Action

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 be completed by 8/15/19; seeding could be delayed until Fall 2019 if indicated by Summer weather patterns.

Date **08/15/2019**

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 _____

Inspector Name: Colby, Lou

Comment:		
Corrective Action:		Date
Overall Final Reclamation	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:	<p>Main trunk Access Road from Oxbow is addressed in FIU Inspection. The recent precipitation has highlighted the need to review SW Plan and to revise/existing BMPs. The site appears to be insufficiently elevated above the surrounding low lying, often flooded areas on three sides, making stormwater control challenging. Sediment is moving onto site from the Northwest (higher) side. Small breach in berm on West side. BMPs are not functioning properly. There is lack of BMPs at entries and along access road.</p>					Date: 08/15/2019
Corrective Action:	<p>Install 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. Installation of access road BMPs can be independent of reclamation activities.</p>					
Pits:	<input checked="" type="checkbox"/> 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
692401169	Inspection Photos RI	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4874416