

**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:

07/13/2019

Document Number:

692401136**FIELD INSPECTION FORM**Loc ID 416625 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 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
Waldron, Emily		emily.waldron@state.co.us	
Kellerby, Shaun		shaun.kellerby@state.co.us	
		sandridgeenvironmental@san dridgeenergy.com	
Ash, Margaret		margaret.ash@state.co.us	
Elliot, Kelly		kaelliot@blm.gov	
Church, Matt	405-651-6853	mchurch@sandridgeenergy.c om	

**Inspected Facilities:**

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status
298842	WELL	PR	02/10/2017	OW	057-06480	Surprise 4-06H	RI
298844	WELL	PR	11/20/2013	OW	057-06482	DAMFINO 2-06H	RI
463983	WELL	XX	04/16/2019		057-06619	Damfino 0680 11-7H	RI
463984	WELL	XX	04/16/2019		057-06620	Damfino 0680 7-6H31	RI
463985	WELL	XX	04/16/2019		057-06621	Damfino 0680 8-6H31	RI
463986	WELL	XX	04/16/2019		057-06622	Damfino 0680 12-7H	RI

**General Comment:**

This Inspection maybe referred to enforcement; it is being entered for notification and documentation only (no CA Dates have been entered) 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 Fed/Fed Location was Expanded in late Fall 2018. Site lies within a Sensitive Wildlife Habitat; Greater Sage Grouse Production and approximately 4500' Northwest of a 'Restricted Surface Occupancy' area – Greater Sage Grouse Lek. Location is not subject to Wildlife Timing Stipulations "due (per CPW) to the existing infrastructure and its proximity to CO State Highway 14." Distance to nearest downgradient surface water feature is 40 Feet, a ditch which is designated Freshwater Emergent Wetlands running along the East perimeter.

Site has two PR Wells and Four APDs, Permits Expire 2021. Remediation Project #11983 at Site was Closed 12/17/18.

Inspected Facilities				
Facility ID: <u>298842</u>	Type: <u>WELL</u>	API Number: <u>057-06480</u>	Status: <u>PR</u>	Insp. Status: <u>RI</u>
Facility ID: <u>298844</u>	Type: <u>WELL</u>	API Number: <u>057-06482</u>	Status: <u>PR</u>	Insp. Status: <u>RI</u>
Facility ID: <u>463983</u>	Type: <u>WELL</u>	API Number: <u>057-06619</u>	Status: <u>XX</u>	Insp. Status: <u>RI</u>
Facility ID: <u>463984</u>	Type: <u>WELL</u>	API Number: <u>057-06620</u>	Status: <u>XX</u>	Insp. Status: <u>RI</u>
Facility ID: <u>463985</u>	Type: <u>WELL</u>	API Number: <u>057-06621</u>	Status: <u>XX</u>	Insp. Status: <u>RI</u>
Facility ID: <u>463986</u>	Type: <u>WELL</u>	API Number: <u>057-06622</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 recently expanded in Fall 2018.

**1002 SITE PREPARATION AND STABILIZATION**

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

Comment \_\_\_\_\_

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

Date \_\_\_\_\_

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

Comment Topsoil stockpile can not be identified on Location by Inspector or Operator.

Corrective Action

Provide detailed topsoil management plan which should include assessment requested in 1002.c, below.

Date \_\_\_\_\_

Operator is directed to perform corrective actions outlined on this inspection report immediately. Providing the management plan as requested in CA does not mean Operator is in compliance with the rules.

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

Comment Topsoil stockpile can not be identified on Location by Inspector or Operator.

Corrective Action

Provide assessment by Professional soil scientist of topsoil in reference areas and estimated CYs of equivalent topsoil needed to replace lost topsoil required to fulfill Reclamation requirements.

Date \_\_\_\_\_

Operator is directed to perform corrective actions outlined on this inspection report immediately. Providing the assessment as requested in CA does not mean Operator is in compliance with the rules.

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

Comment What is identified as Spoils Stockpile on Northeast side of site is not properly stabilized and therefore, not protected from becoming a pollution source (refer to Stormwater Section).

Corrective Action

There are two CAs in this section.

1) Identify composition of Material and CYs in stockpile identified as spoils pile.

2) Provide Reclamation Plan that details:  
Re-contouring plan for Interim Reclamation.  
Material (CYs) required for re-contouring, minus topsoil.  
Additional Material (CYs) if needed, that would be required for recontouring for Final Reclamation.

Date \_\_\_\_\_

Operator is directed to perform corrective actions outlined on this inspection report immediately. Providing the Reclamation Plan and details as requested in CA does not mean Operator is in compliance with the rules.

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

Comment \_\_\_\_\_

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? \_\_\_\_\_ P \_\_\_\_\_

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: Silt fence is in disrepair in areas along perimeter of what is identified as spoils stockpile and is not sufficient to contain the unstable material. Sediment has migrated outside of location and potentially to Freshwater Emergent Wetlands ditch running along East side of site. Stormwater is improperly ponding on East side of site; where installation of a structured series of BMPs is indicated. Portions of Cut at Southwest corner of site are sloughing/eroding. 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
692401174	Inspection Photos RI	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4877712">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4877712</a>