

**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
Elliot, Kelly		kaelliot@blm.gov	
		sandridgeenvironmental@san dridgeenergy.com	
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Kellerby, Shaun		shaun.kellerby@state.co.us	
Ash, Margaret		margaret.ash@state.co.us	
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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 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? _____ 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
402107672	INSPECTION SUBMITTED	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4877713
692401174	Inspection Photos RI	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4877712