

**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:

07/06/2019

Document Number:

692401140

**FIELD INSPECTION FORM**

Loc ID 324757 Inspector Name: Colby, Lou On-Site Inspection  2A Doc Num: \_\_\_\_\_

**Status Summary:**

- THIS IS A FOLLOW UP INSPECTION
- FOLLOW UP INSPECTION REQUIRED
- NO FOLLOW UP INSPECTION REQUIRED

**Operator Information:**

OGCC Operator Number: 10598  
Name of Operator: SANDRIDGE EXPLORATION & PRODUCTION LLC  
Address: 123 ROBERT S KERR AVE  
City: OKLAHOMA CITY State: OK Zip: 73102

**Findings:**

- 8 Number of Comments
- 4 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	
Shipley, Russell		rshipley@sandridgeenergy.com	Construction Manager
Church, Matt	405-651-6853	mchurch@sandridgeenergy.com	

**Inspected Facilities:**

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status
298046	WELL	PR	04/20/2009	OW	057-06472	MUTUAL 7-17H	RI
444868	WELL	PR	10/26/2016		057-06541	Mutual 0780 4-8H	RI
444869	WELL	PR	10/01/2016		057-06542	Castle 0780 1-17H20	RI
444870	WELL	PR	10/26/2016		057-06543	Mutual 0780 3-8H	RI
444871	WELL	PR	10/26/2016		057-06544	Mutual 0780 2-8H	RI
444872	WELL	PR	10/26/2016		057-06545	Hebron 0780 4-7H	RI
444874	WELL	PR	10/26/2016		057-06547	Hebron 0780 3-18H	RI
445017	WELL	PR	12/12/2016		057-06553	Hebron 0780 4-18H	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. This site lies within a Sensitive Willife Habitat; Greater Sage Grouse and CPW Black Bear area. Location was expanded in 2016 from 2.69 acres of total disturbance to 9.38.acres. Last Well went on Production June 2016. Two XX Wells on site have current APDs. There is no Delayed Interim Reclamation Variance on file for this Site. Remediation Project #13743 is open. Form 19 Doc#402073224, noted; Groundwater was observed at approximately 30 inches bgs. Irrigation ditches run immediately adjacent to Location on East and West sides.

**Inspected Facilities**Facility ID: 298046 Type: WELL API Number: 057-06472 Status: PR Insp. Status: RIFacility ID: 444868 Type: WELL API Number: 057-06541 Status: PR Insp. Status: RIFacility ID: 444869 Type: WELL API Number: 057-06542 Status: PR Insp. Status: RIFacility ID: 444870 Type: WELL API Number: 057-06543 Status: PR Insp. Status: RIFacility ID: 444871 Type: WELL API Number: 057-06544 Status: PR Insp. Status: RIFacility ID: 444872 Type: WELL API Number: 057-06545 Status: PR Insp. Status: RIFacility ID: 444874 Type: WELL API Number: 057-06547 Status: PR Insp. Status: RIFacility ID: 445017 Type: WELL API Number: 057-06553 Status: PR Insp. Status: RI

**Reclamation - Storm Water - Pit**

**Interim Reclamation:**

Date Interim Reclamation Started: \_\_\_\_\_ Date Interim Reclamation Completed: \_\_\_\_\_

Land Use: RANGELAND

Comment: \_\_\_\_\_

**1002 SITE PREPARATION AND STABILIZATION**

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

Comment \_\_\_\_\_

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

Date \_\_\_\_\_

1002b. SOIL REMOVAL AND SEGREGATION Fail

Comment [Soil bermed at NE portion of Location is identified in Site drawings as topsoil stockpile. This soil is being utilized for construction work on site; as berm material and stabilizing equipment. Operator personel indicated it was thought it was "other" material" for project use.](#)

Corrective Action [Immediately halt use of soil stockpile being used for projects until identity is determined; if other than topsoil, identify location of topsoil; notifying Inspector of determination. If topsoil has been used for projects it needs to be salvaged and determined if contaminated.](#)

Date **07/04/2019**

1002c. PROTECTION OF SOILS Fail

Comment [Soil stockpile discussed above is not protected; besides the equipment incursion it is inundated by ponded water on the West side and on the East side by irrigation water. Soil is open to degradation and itself becoming a pollutant source. Stockpile is heavily vegetated with Noxious Weeds, Canada thistle and White top.](#)

Corrective Action [Immediately install protections for stockpile.](#)

Date **07/08/2019**

1002E. SURFACE DISTRURBANCE MINIMIZATION Fail

Comment \_\_\_\_\_

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

Date \_\_\_\_\_

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

Comment [Refer to Housekeeping FIU Inspection #689802878.](#)

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

Date \_\_\_\_\_

Unused or unneeded equipment onsite? \_\_\_\_\_

Comment [Refer to Housekeeping FIU Inspection #689802878.](#)

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 ? Fail  
 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? Fail 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 Site is past due for Interim Reclamation to be installed. Surface disturbance remains at near 10 acres. Noxious Weeds, Canada thistle and White top are established on Location.

Corrective Action There are two CAs in this Section  
 1)Reclaim Location for Interim Reclamation per COGCC 1003 Series Rules; installing Reclamation in areas no longer needed for Use; installing appropriate BMPs to stabilize areas until Vegetation establishes. Reclamation Activities should be complete by 10/15/19  
 2) Control Noxious Weeds.

Date 10/15/2019

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 <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: BM Practices & pad have not been designed and maintained to minimize ponding of stormwater, leading to rutting, tracking and general degradation of pad surface. Soil stock pile does not have sufficient BMPs. Any loose Piles of Soil are potential Pollution sources; they need to be stabilized.

Operator recommended to review Stormwater plan for Location, revising in conjunction with Interim Reclamation planning.

Corrective Action: Install sufficient/effective BMPs in accordance with, and monitoring per Good Engineering Practices per Rule 1002.f

Date: 10/15/2019

**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
402097908	INSPECTION SUBMITTED	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4870110">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4870110</a>
692401163	Inspection Photos RI	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4870108">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4870108</a>