

**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: _____**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:8 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
Shipley, Russell		rshipley@sandridgeenergy.com	Construction Manager
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
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. 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:	<u>298046</u>	Type:	<u>WELL</u>	API Number:	<u>057-06472</u>	Status:	<u>PR</u>	Insp. Status:	<u>RI</u>
Facility ID:	<u>444868</u>	Type:	<u>WELL</u>	API Number:	<u>057-06541</u>	Status:	<u>PR</u>	Insp. Status:	<u>RI</u>
Facility ID:	<u>444869</u>	Type:	<u>WELL</u>	API Number:	<u>057-06542</u>	Status:	<u>PR</u>	Insp. Status:	<u>RI</u>
Facility ID:	<u>444870</u>	Type:	<u>WELL</u>	API Number:	<u>057-06543</u>	Status:	<u>PR</u>	Insp. Status:	<u>RI</u>
Facility ID:	<u>444871</u>	Type:	<u>WELL</u>	API Number:	<u>057-06544</u>	Status:	<u>PR</u>	Insp. Status:	<u>RI</u>
Facility ID:	<u>444872</u>	Type:	<u>WELL</u>	API Number:	<u>057-06545</u>	Status:	<u>PR</u>	Insp. Status:	<u>RI</u>
Facility ID:	<u>444874</u>	Type:	<u>WELL</u>	API Number:	<u>057-06547</u>	Status:	<u>PR</u>	Insp. Status:	<u>RI</u>
Facility ID:	<u>445017</u>	Type:	<u>WELL</u>	API Number:	<u>057-06553</u>	Status:	<u>PR</u>	Insp. Status:	<u>RI</u>

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 DISTURBANCE 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 REVEGETATIONCropland

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
692401163	Inspection Photos RI	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4870108