

**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:

08/15/2019

Submitted Date:

09/01/2019

Document Number:

692401299

FIELD INSPECTION FORM
 Loc ID 451937 Inspector Name: Colby, Lou On-Site Inspection ☐ 2A Doc Num:
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

Status Summary:

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

Findings:

7 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	
Church, Matt	405-651-6853	mchurch@sandridgeenergy.com	

Inspected Facilities:

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status
451937	LOCATION	AC	08/30/2017		-	Shiras CTB S11	RI

General Comment:

This is an Interim Reclamation & Stormwater focused Inspection, a Follow up to Insp Doc#692401149 Dated 6/27/19. Any Corrective Actions from previous Inspections that have not been addressed are still applicable.

Form 4#401802170 received 11/7/18 reports that Final reclamation was initiated in May of 2018 of the 3.8-acre East Expansion area. If this work was performed, it has failed. Operator indicates that gravel was tilled in to establish a seedbed; an unacceptable practice per COGCC 1000 series rules as is not re-contouring or compaction alleviation to only 6-10 ". Referenced form 4 has only the Box, Interim Reclamation will commence approximately, checked. Operator has recently indicated that they intend to submit a Variance Request concerning the Expansion area of Location.

LocationOverall Good: ☐

Emergency Contact Number:

Comment: Corrective Action: Date: **Good Housekeeping:**

Type	OTHER		
Comment:	Non reportable spills - staining of gravel and material below lines & equipment at Northwest corner of Pad. Refer to Photos attached.		
Corrective Action:	Comply with Rule 603.f. Securely fasten all valves, pipes, and fittings to ensure good mechanical condition, inspect at regular intervals and maintain in good mechanical condition per Rule 605.d. Control and contain spills/releases and clean up per Rule 906.a. Properly treat or dispose of oily waste in accordance with 907.e		Date: 09/17/2019

Overall Good: ☐**Spills:**

Type	Area	Volume		
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In Containment: No

Comment: ☐ Multiple Spills and Releases?**Venting:**

Yes/No			
Comment:			
Corrective Action:		Date:	

Flaring:

Type		
Comment:		
Corrective Action:		Date:

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 _____

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 [Debris has been removed from site. CA has been resolved.](#)

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? _____

Comment CA from previous RI Insp has not been resolved. Areas no longer needed for Use, Production have not been reclaimed for Interim Reclamation. Location remains at disturbed area of 8 acres. Site should have had Interim Reclamation installed by 11/1/18. Location has no Delayed Interim Reclamation Request In Process or Approved.

Corrective Action 1) Review COGCC 1003 series Rules.

2)Reclaim Location for Interim Reclamation per COGCC 1003 Series Rules; installing Reclamation in areas no longer needed for Use, Production. Use appropriate BMPs to stabilize areas until vegetation establishes. Reclamation Activities should have been completed by 11/1/18.

Date 11/01/2018

Overall Interim Reclamation Fail

Final Reclamation/ Abandoned Location:

Date Final Reclamation Started: _____ Date Final Reclamation Completed: _____

Final Land Use: RANGELAND

Reminder: _____

Comment: Fence has been installed separating the "Expansion" area from the Production area.

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 Fail

Compaction alleviation _____ Dust and erosion control Fail

Non cropland: Revegetated 80% Fail 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: Form 4#401802170 received 11/7/18 reports that Final reclamation was initiated in May of 2018 of the 3.8 acre East Expansion area. If this work was performed it has failed. Operator indicates that gravel was tilled in to establish a seedbed; an unacceptable practice per COGCC 1000 series rules. Compaction alleviation is required to 18" not the 6-10" as described in Operator description of Interim Rec activities.

Corrective Action: 1) Review COGCC 1004 series Rules.
2) Perform Final Reclamation per COGCC 1004 Rules

Date 11/01/2019

Overall Final Reclamation **Fail**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: Temporary repairs have been made at East berm wash out area; though further erosion concerns are developing and sediment movement is still occurring on the expansion area. BMP installation and repair has not been incorporated with Interim Reclamation installation activities as site has not had Interim Reclamation installed by Due Date (11/1/18).

Corrective Action: 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, or Final Reclamation activities (as indicated by area).

Date: 11/01/2018

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
692401300	Inspection Photos	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4926374