

FORM
INSPRev
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:

07/16/2019

Document Number:

692401145**FIELD INSPECTION FORM**

Loc ID 439603 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
1 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 |
|--------------|--------------|--|---------|
| 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 |
|-------------|------|--------|-------------|------------|-----------|---------------------|-------------|
| 444609 | WELL | PR | 12/01/2018 | OW | 057-06539 | Gregory 0780 1-9H | RI |
| 446904 | WELL | XX | 07/22/2016 | | 057-06568 | Mutual 0780 5-8H | RI |
| 446916 | WELL | XX | 07/24/2016 | | 057-06569 | Gregory 0780 2-9H | RI |
| 446920 | WELL | XX | 07/24/2016 | | 057-06573 | Gregory 0780 4-9H | RI |
| 446921 | WELL | XX | 07/24/2016 | | 057-06574 | Gregory 0780 3-9H | RI |
| 448055 | WELL | PR | 04/18/2018 | | 057-06586 | Castle 0780 6-17H20 | RI |
| 448056 | WELL | PR | 02/01/2018 | | 057-06587 | Castle 0780 5-17H20 | RI |
| 448057 | WELL | PR | 07/01/2018 | | 057-06588 | Castle 0780 8-17H20 | RI |
| 448058 | WELL | PR | 07/01/2018 | | 057-06589 | Castle 0780 7-17H20 | RI |
| 452319 | WELL | PR | 09/01/2018 | | 057-06603 | Janet 0780 1-16H21 | RI |
| 452320 | WELL | PR | 09/01/2018 | | 057-06604 | Janet 0780 2-16H21 | RI |
| 452321 | WELL | PR | 09/01/2018 | | 057-06605 | Janet 0780 4-16H21 | RI |
| 452339 | WELL | PR | 09/01/2018 | | 057-06606 | Janet 0780 3-16H21 | RI |

General Comment:

This Inspection maybe referred to enforcement; it is being entered for notification and documentation only (CA Dates have not been entered or back dated as appropriate) 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 site lies within a Sensitive Wildlife Habitat; Greater Sage Grouse and within CPW Black Bear Area. CPW has granted a permanent waiver for the greater sage-grouse seasonal timing restrictions for construction, drilling, and completions activities. site is within 1.89 miles of a Sage Grouse Lek. Distance to nearest downgradient surface water feature (ditch) is 80 Feet; since recent expansion, this ditch appears immediately adjacent to site. Estimated depth to ground water at Location 60 Feet. Location is surrounded by Freshwater Emergent Wetlands.

Inspected Facilities

| | | | | |
|----------------------------|-------------------|------------------------------|-------------------|-------------------------|
| Facility ID: <u>444609</u> | Type: <u>WELL</u> | API Number: <u>057-06539</u> | Status: <u>PR</u> | Insp. Status: <u>RI</u> |
| Facility ID: <u>446904</u> | Type: <u>WELL</u> | API Number: <u>057-06568</u> | Status: <u>XX</u> | Insp. Status: <u>RI</u> |
| Facility ID: <u>446916</u> | Type: <u>WELL</u> | API Number: <u>057-06569</u> | Status: <u>XX</u> | Insp. Status: <u>RI</u> |
| Facility ID: <u>446920</u> | Type: <u>WELL</u> | API Number: <u>057-06573</u> | Status: <u>XX</u> | Insp. Status: <u>RI</u> |
| Facility ID: <u>446921</u> | Type: <u>WELL</u> | API Number: <u>057-06574</u> | Status: <u>XX</u> | Insp. Status: <u>RI</u> |
| Facility ID: <u>448055</u> | Type: <u>WELL</u> | API Number: <u>057-06586</u> | Status: <u>PR</u> | Insp. Status: <u>RI</u> |
| Facility ID: <u>448056</u> | Type: <u>WELL</u> | API Number: <u>057-06587</u> | Status: <u>PR</u> | Insp. Status: <u>RI</u> |
| Facility ID: <u>448057</u> | Type: <u>WELL</u> | API Number: <u>057-06588</u> | Status: <u>PR</u> | Insp. Status: <u>RI</u> |
| Facility ID: <u>448058</u> | Type: <u>WELL</u> | API Number: <u>057-06589</u> | Status: <u>PR</u> | Insp. Status: <u>RI</u> |
| Facility ID: <u>452319</u> | Type: <u>WELL</u> | API Number: <u>057-06603</u> | Status: <u>PR</u> | Insp. Status: <u>RI</u> |
| Facility ID: <u>452320</u> | Type: <u>WELL</u> | API Number: <u>057-06604</u> | Status: <u>PR</u> | Insp. Status: <u>RI</u> |
| Facility ID: <u>452321</u> | Type: <u>WELL</u> | API Number: <u>057-06605</u> | Status: <u>PR</u> | Insp. Status: <u>RI</u> |
| Facility ID: <u>452339</u> | Type: <u>WELL</u> | API Number: <u>057-06606</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: HAY MEADOW, OTHER

Comment: Location has expanded from disturbed acres 2.49 in 2015 to 10.75 in 2019. 2A indicates that Operator plans to submit an Interim Reclamation Variance request upon completion of the Wells.

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 Location has expanded from disturbed acres 2.49 in 2015 to 10.75 (11.25) with access road in 2019.

Corrective Action

Date _____

1003a. Waste and Debris removed? _____

Comment Addressed in FIU Insp.

Corrective Action

Date _____

Unused or unneeded equipment onsite? _____

Comment Addressed in FIU inspection.

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? _____

Comment

Corrective Action

Date _____

Overall Interim Reclamation

Final Reclamation/ Abandoned Location:

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

Final Land Use: HAY MEADOW, OTHER _____

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: Tracking and main trunk access road crossing hay fields from Hwy 14 and Oxbow Location are addressed in FIU Inspection.

Silt fence has failed at points along new expansion of site. No sediment controls at culvert installation on irrigation ditch. Ponding & degradation of site in several areas of Location. BMP (Weir) at North end of expansion is retaining stormwater on site with no series of BMPs to settle, discharge and disperse SW energy, but would, if opened discharge stormwater into silt Fence perimeter control. Weir at South end of site (also no series of BMPs) appears not correctly positioned; stormwater collecting downgradient from BMP. Perimeter controls are lacking on portions of older areas of site, allowing sediment run-off.

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. Performing the CA does not bring Operator into compliance with the rules.

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 |
|--------------|----------------------|---|
| 402111883 | INSPECTION SUBMITTED | http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4880867 |
| 692401177 | Inspection Photos RI | http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4880866 |