

**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:

08/13/2020

Submitted Date:

08/18/2020

Document Number:

697501881

FIELD INSPECTION FORMLoc ID 336152 Inspector Name: Binschus, Chris On-Site Inspection ☐ 2A Doc Num: _____**Operator Information:**

OGCC Operator Number: 47120

Name of Operator: KERR MCGEE OIL & GAS ONSHORE LP

Address: P O BOX 173779

City: DENVER State: CO Zip: 80217-

Status Summary:

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

Findings:

8 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
		Kate_Graves@oxy.com	
,		COGCCinspections@anadarko.com	All inspections
Adamczyk, Megan		megan.adamczyk@state.co.us	

Inspected Facilities:

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status
336152	LOCATION	AC			-	HSR-VADNEY-63N66W 34SEW	RI

General Comment:

This inspection is in response to a reclamation complaint. Refer to the complaint and interim reclamation sections for more detail.

Inspected FacilitiesFacility ID: 336152 Type: LOCATION API Number: - Status: AC Insp. Status: RI**Complaint**

Comment: Complaint #: 200449136
Field Inspector Assigned: Chris Binschus
Location ID#: 336152
Inspection Document #: 697501881
Nature of complaint: Complainant had concerns about the reclamation area related to a release that occurred in April 2014. The extent of release did go onto the adjacent surface owner's property. This complaint also includes that area.

COGCC staff, Chris Binschus, set up a field site visit on 8/13/2020 with the complainant and an Operator representative, Kate Graves.

Corrective Action:

Date:

Reclamation - Storm Water - Pit**Interim Reclamation:**

Date Interim Reclamation Started: _____ Date Interim Reclamation Completed: _____

Land Use: _____

Comment: _____

1002 SITE PREPARATION AND STABILIZATION

1002a. FENCING _____

Comment _____

Corrective Action _____

Date _____

1002b. SOIL REMOVAL AND _____

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 _____

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? Fail 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? Fail
- 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 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? _____

Comment Since the previous inspection conducted on 5/21/2018 there has not been any further establishment of smooth brome. Based on these field observations, approximately 1.4 of the 8.5 acre disturbance related to the April 2014 has established in smooth brome. All other areas continue to consist mostly of cereal rye (*Secale cereale*) which is not the desirable surface owner vegetation. Refer to the attached inspection photos.

Due to the sandy soils and lack of irrigation, the complainant is willing to try a different seed mix that would be more specific to the soils and precipitation regime.

Corrective Action Comply with Rule 1003 to perform additional reclamation activities no later than 11/16/2020. In addition, collaborate with the landowner to determine a specific seed mix.

Date 11/16/2020

Operator shall continue to monitor and manage this site for stormwater and weed management until further reclamation activities are conducted.

Overall Interim Reclamation Fail

Final Reclamation/ Abandoned Location:

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

Final Land Use: _____

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: At the time of this inspection, no erosion issues were observed.

Corrective Action: _____

Date: _____

Pits: ☐ NO SURFACE INDICATION OF PIT**COGCC Comments**

Comment	User	Date
<u>Note: the approximate 1.4 acre establishment of smooth brome appears to be strongly correlated with the area where imported soils were replaced due to the 2014 release. The new imported soils have a higher water holding capacity with an increased clay and silt content versus the reference areas which are mostly sand. Based on NRCS Web Soil Survey, the reference soils are Valent sand which can have 70-100 percent sand content.</u>	binschusc	08/18/2020
<u>All parties visited a nearby reclamation area with similar soils and land management (grazing) where a specific native sandy soil seed mix successfully established.</u>	binschusc	08/18/2020
<u>There was a patch of undesirable plant species, Longspine sandbur (Cenchrus longispinus) observed along the eastern location. Operator has been conducting ongoing weed management to control this and other undesirable species. Operator indicated that immediate weed management would be implemented to control Longspine sandbur.</u>	binschusc	08/18/2020

Attached DocumentsYou can go to COGCC Images (<https://cogcc.state.co.us/weblink/>) and search by document number:

Document Num	Description	URL
402469295	INSPECTION SUBMITTED	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=5226353
697501882	Inspection Photos	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=5226352