

**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:

03/07/2017

Submitted Date:

03/13/2017

Document Number:

682401830**FIELD INSPECTION FORM**Loc ID 336152 Inspector Name: Binschus, Chris On-Site Inspection ☐ 2A Doc Num: _____**Operator Information:**OGCC Operator Number: 47120Name of Operator: KERR MCGEE OIL & GAS ONSHORE LPAddress: P O BOX 173779City: DENVER State: CO Zip: 80217-**Status Summary:**☐ THIS IS A FOLLOW UP INSPECTION☒ FOLLOW UP INSPECTION REQUIRED☐ NO FOLLOW UP INSPECTION REQUIRED**Findings:**4 Number of Comments1 Number of Corrective Actions☒ Corrective Action Response Requested**Contact Information:**

Contact Name	Phone	Email	Comment
Adamczyk, Megan		megan.adamczyk@state.co.us	
,		COGCCinspections@anadarko.com	
		Paul.Schwarz@anadarko.com	
		Mike.Dinkel@anadarko.com	
Arthur, Denise		denise.arthur@state.co.us	

Inspected Facilities:

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status
295914	WELL	PR	10/18/2010	OW	123-25854	TURNER 21-34	RI

General Comment:

This inspection is in response to Complaint #200440901 regarding interim reclamation efforts performed after a release. See complaint section for more details.

Inspected FacilitiesFacility ID: 295914 Type: WELL API Number: 123-25854 Status: PR Insp. Status: RI**Complaint**

Comment: This inspection is in response to Complaint #200440901 regarding reclamation efforts conducted by the Operator after a condensate release on April 20, 2014, and concerns expressed by the complainant about the revegetation of the area. Upon further review, documents sent by the Operator to the surface owner (complainant) via email on June 19, 2014 indicate the total area of vegetative disturbance from the release was approximately 8.54 acres. This inspection evaluates the revegetation of the approximately 8.54 acres of disturbance created by the release which was seeded with a smooth brome seed mixture as requested by the surface owner. See the Interim Reclamation section for more details.

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
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 _____

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

During October 3, October 22, and December 4, 2014, the disturbance area was seeded, mulched, and fertilized by a reclamation contractor. Based off field observation conducted on January 13 and 20, 2017 by COGCC staff, approximately 1.4 acres of smooth brome (*Bromus inermis*) has established out of the 8.54 acres of disturbance. Portions of the northeast release area have a high prevalence of Kochia and Russian thistle which is negatively impacting desirable plant species establishment. The other disturbance areas have established with either Sand dropseed (*Sporobolus cryptandrus*) or a wheat grass mix. Approximately 7.1 acres of disturbance has not been reclaimed to smooth brome as requested by the surface owner.

Corrective Action

Establish vegetation that consists of a non-invasive, uniform plant cover of at least eighty (80) percent of reference area levels throughout the disturbance area (i.e., release area) using the preferred surface owner seed mixture, smooth brome. Ensure erosion controls are implemented to stabilize the seeded soil where needed, and continue to monitor and manage this site until the location meets Rule 1003 standards. Interim reclamation activities shall be complete no later than 5/15/2017.

Date **05/15/2017**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

Inspector Name: Binschus, Chris

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 ☐

COGCC Comments

Comment	User	Date
Refer to attached inspection photos in Document #682401841.	binschusc	02/28/2017

Attached Documents

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

Document Num	Description	URL
401231364	INSPECTION SUBMITTED	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4096487
682401841	Inspection Photos	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4096478