

**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:

09/26/2017

Submitted Date:

09/26/2017

Document Number:

682402817

FIELD INSPECTION FORM

Loc ID 306150 Inspector Name: Binschus, Chris On-Site Inspection 2A Doc Num: _____

Status Summary:

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

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-

Findings:

- 12 Number of Comments
- 1 Number of Corrective Actions
- Corrective Action Response Requested

Contact Information:

Contact Name	Phone	Email	Comment
Dinkel, Mike	720-929-6368	Mike.Dinkel@anadarko.com	
		COGCCinspections@anadarko.com	

Inspected Facilities:

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status
285850	WELL	SI	05/01/2017	GW	123-24063	STEPHENS STATE 35-36	RI
438445	WELL	PR	04/15/2015	OW	123-39974	RISSLER STATE 3N-36HZ	RI
438446	WELL	PR	04/16/2015	OW	123-39975	RISSLER STATE 30N-36HZ	RI
438447	WELL	PR	04/14/2015	OG	123-39976	RISSLER STATE 29C-36HZX	RI
438448	WELL	PR	04/22/2015	OW	123-39977	RISSLER STATE 4N-36HZ	RI

General Comment:

This is a follow-up interim reclamation inspection to Field Inspection Report (FIR) Document 682402509 conducted on August 1, 2017.

Location

Overall Good:

Emergency Contact Number:

Comment:

Corrective Action:

Date: _____

Good Housekeeping:

Type

WEEDS

Comment:

Appears the Operator has mowed the Russian thistle based on photos received within the seedling germination report.

Corrective Action:

Date:

Overall Good:

Spills:

Type

Area

Volume

In Containment: No

Comment:

Multiple Spills and Releases?

Venting:

Yes/No

Comment:

Corrective Action:

Date:

Flaring:

Type

Comment:

Corrective Action:

Date:

Inspected Facilities									
Facility ID:	<u>285850</u>	Type:	<u>WELL</u>	API Number:	<u>123-24063</u>	Status:	<u>SI</u>	Insp. Status:	<u>RI</u>
Producing Well									
Comment:	SI, reclamation inspection							Date:	
Corrective Action:								Date:	
Facility ID:	<u>438445</u>	Type:	<u>WELL</u>	API Number:	<u>123-39974</u>	Status:	<u>PR</u>	Insp. Status:	<u>RI</u>
Producing Well									
Comment:	PR, reclamation inspection							Date:	
Corrective Action:								Date:	
Facility ID:	<u>438446</u>	Type:	<u>WELL</u>	API Number:	<u>123-39975</u>	Status:	<u>PR</u>	Insp. Status:	<u>RI</u>
Producing Well									
Comment:	PR, reclamation inspection							Date:	
Corrective Action:								Date:	
Facility ID:	<u>438447</u>	Type:	<u>WELL</u>	API Number:	<u>123-39976</u>	Status:	<u>PR</u>	Insp. Status:	<u>RI</u>
Producing Well									
Comment:	PR, reclamation inspection							Date:	
Corrective Action:								Date:	
Facility ID:	<u>438448</u>	Type:	<u>WELL</u>	API Number:	<u>123-39977</u>	Status:	<u>PR</u>	Insp. Status:	<u>RI</u>
Producing Well									
Comment:	PR, reclamation inspection							Date:	
Corrective Action:								Date:	

Reclamation - Storm Water - Pit

Interim Reclamation:

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

Land Use: DRY LAND

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 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 Based on field observations made on August 1, 2017 by COGCC staff and the seedling germination monitoring report received from the Operator, it does not appear sufficient germination of desirable species have established. The previous corrective action FIR from August 1, 2017 required the Operator to submit a seedling germination monitoring report which was received on September 11, 2017 (Document # 401395457). Based on the seedling germination report, the assessment reported an average of 1.40 seedlings/square foot of desirable species- see COGCC Comments for further details about the seedling germination monitoring report.

Corrective Action Perform reclamation in accordance to COGCC 1003 series reclamation rules and requirements. Reseed interim areas with a seed mixture requested by the surface owner and ensure erosion controls are implemented to stabilize the seeded soil. The Operator shall continue to monitor and manage this site until the location meets Rule 1003 standards. Interim reclamation activities shall be complete no later than November 15, 2017 or sooner depending on favorable environmental conditions.

Date 11/15/2017

Overall Interim Reclamation Fail

Final Reclamation/ Abandoned Location:

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

Final Land Use: DRY LAND

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
Waddles	In Process					

Comment: [Based on FIRR Document # 401389816, the Operator stated that stormwater controls have been installed. No pictures were attached to the FIRR so this will be confirmed later during a future inspection](#)

Corrective Action: _____

Date: _____

Pits: NO SURFACE INDICATION OF PIT

COGCC Comments

Comment	User	Date
The Operator reported an average of 1.40 seedlings/square foot of desirable species. However, 3 of the 5 transects (Transects #3, #4, and #5) appeared to count undesirable species, Stinkgrass (Eragrostis cilianensis) and lambsquarters (Chenopodium album), as desirable species. Both of those species do not count as desirables; therefore, the reported average of 1.40 is likely significantly lower since Stinkgrass was present in all quadrats for those 3 transects (Transects #3, #4, and #5).	binschusc	09/26/2017
Based on the United States Department of Agriculture Natural Resources Conservation Service, Stinkgrass (Eragrostis cilianensis) is an introduced species not native to the lower 48 states.	binschusc	09/26/2017
The report stated that "overall species composition in the reclaim area appears to be improving when compared to the May 2, 2017 assessment (performed by COGCC)." The May 2 assessment performed by COGCC reported an average of 0.58 seedlings/square foot of desirable species versus the August 17, 2017 assessment performed by the Operator that reported an average of 1.40 seedlings/square foot of desirable species. Since the Operator appeared to count undesirable species in 3 of 5 transects, the statement that reclaim areas appear to be improving would not be valid or accurate.	binschusc	09/26/2017

Attached Documents

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

Document Num	Description	URL
401414006	INSPECTION SUBMITTED	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4260180