

**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: \_\_\_\_\_

**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:**12 Number of Comments1 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		
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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:

Inspected Facilities									
Facility ID:	285850	Type:	WELL	API Number:	123-24063	Status:	SI	Insp. Status:	RI
<b>Producing Well</b>									
Comment:	SI, reclamation inspection								
Corrective Action:						Date:			
Facility ID:	438445	Type:	WELL	API Number:	123-39974	Status:	PR	Insp. Status:	RI
<b>Producing Well</b>									
Comment:	PR, reclamation inspection								
Corrective Action:						Date:			
Facility ID:	438446	Type:	WELL	API Number:	123-39975	Status:	PR	Insp. Status:	RI
<b>Producing Well</b>									
Comment:	PR, reclamation inspection								
Corrective Action:						Date:			
Facility ID:	438447	Type:	WELL	API Number:	123-39976	Status:	PR	Insp. Status:	RI
<b>Producing Well</b>									
Comment:	PR, reclamation inspection								
Corrective Action:						Date:			
Facility ID:	438448	Type:	WELL	API Number:	123-39977	Status:	PR	Insp. Status:	RI
<b>Producing Well</b>									
Comment:	PR, reclamation inspection								
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 ( <i>Eragrostis cilianensis</i> ) and lambsquarters ( <i>Chenopodium album</i> ), 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
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
Based on the United States Department of Agriculture Natural Resources Conservation Service, Stinkgrass ( <i>Eragrostis cilianensis</i> ) is an introduced species not native to the lower 48 states.	binschusc	09/26/2017