

**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:

08/01/2017

Submitted Date:

08/01/2017

Document Number:

675103778**FIELD INSPECTION FORM**

Loc ID 442134	Inspector Name: Trujillo, Aaron	On-Site Inspection <input type="checkbox"/>	2A Doc Num: _____	<b>Status Summary:</b> <input type="checkbox"/> THIS IS A FOLLOW UP INSPECTION <input checked="" type="checkbox"/> FOLLOW UP INSPECTION REQUIRED <input type="checkbox"/> NO FOLLOW UP INSPECTION REQUIRED
<b>Operator Information:</b> OGCC Operator Number: <u>96155</u> Name of Operator: <u>WHITING OIL &amp; GAS CORPORATION</u> Address: <u>1700 BROADWAY STE 2300</u> City: <u>DENVER</u> State: <u>CO</u> Zip: <u>80290</u>				<b>Findings:</b> 8 Number of Comments 2 Number of Corrective Actions <input checked="" type="checkbox"/> Corrective Action Response Requested

**Contact Information:**

Contact Name	Phone	Email	Comment
,		WhitingEasternCO@Whiting.com	<a href="#">All Inspections</a>

**Inspected Facilities:**

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status
442133	WELL	XX	12/22/2016	LO	123-41690	Razor 30J-3109	CI
442135	WELL	XX	12/22/2016	LO	123-41691	Razor Fed 30J-1910	CI
442136	WELL	XX	12/22/2016	LO	123-41692	Razor Fed 30J-1912	CI
442137	WELL	DG	07/29/2017	LO	123-41693	Razor 30J-3112	CI
442149	WELL	XX	12/22/2016	LO	123-41694	Razor 30J-3111	CI
442150	WELL	XX	12/22/2016	LO	123-41695	Razor 30J-3110	CI
442151	WELL	XX	12/22/2016	LO	123-41696	Razor Fed 30J-1911	CI
449693	WELL	XX	03/19/2017		123-44464	Razor 30J-3143	CI
449694	WELL	XX	03/19/2017		123-44465	Razor Fed 30J-1942	CI
449695	WELL	XX	03/19/2017		123-44466	Razor Fed 30J-1943	CI
449696	WELL	XX	03/19/2017		123-44467	Razor Fed 30J-1944	CI
449697	WELL	XX	03/19/2017		123-44468	Razor 30J-3142	CI
449698	WELL	XX	03/19/2017		123-44469	Razor Fed 30J-1909	CI
449699	WELL	XX	03/19/2017		123-44470	Razor 30J-3144	CI

**General Comment:**[This is a construction and stormwater inspection.](#)**Location Construction**

Location ID: <u>442134</u>	CDP: _____
Comment: <a href="#">2A doc. #401167692 states disturbance size will be ~10.2 acres. Measurements on the ground show disturbance size to be ~9.7 acres in size. See photo #22 in the attached photo document.</a>	
Corrective Action: _____	Date: _____
<b>Form 2A COAs:</b> Comment: _____	

Corrective Action: \_\_\_\_\_

Date: \_\_\_\_\_

**Wildlife BMPs:****Comment:** \_\_\_\_\_

Corrective Action: \_\_\_\_\_

Date: \_\_\_\_\_

**Stormwater:**

Erosion BMPs	Present	Other BMPs	Present
DITCHES	Yes		

Comments: Erosion BMPs: Stormwater control ditch along perimeter of the location does not appear to be sufficiently consolidated; erosion has compromised the integrity of the ditch on the east end of the location (photos 7, 8). Stormwater has begun to incise areas of the perimeter ditch (photos 2,5,6,9,20). Advise incorporating velocity check BMPs to mitigate further incision and degradation. Without adequate consolidation or additional BMPs, ditch will increase the sediment laden stormwater runoff from the location.

Other BMPs: Culvert at the access road does not appear to have appropriate armoring. Stormwater erosion has begun to incise the perimeter ditch on the western side of the culvert. See photo 2 in the attached photo document.

Corrective Action: **Install or repair required BMPs per Rule 1002.f.**Date: **09/01/2017**

RETENTION PONDS	Yes		
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Comments: Erosion BMPs: The four (4) sediment traps on the southern, northwest and southwest ends of the location do not appear to have sufficient inlet and/or outlet protection. Erosion degradation at inlets evident. Sediment laden stormwater discharge evident at the outlet of the southwestern trap.

Other BMPs: Based on the topography of the location, and on observations during the inspection, it appears the sediment trap on the southwest corner is at the lowest point of the pad, and subject to receiving the most stormwater discharge. See below for additional Comments/CAs regarding sediment traps.

Corrective Action: **Install or repair required BMPs per Rule 1002.f**Date: **09/01/2017**

**Comment:** The five (5) traps along the perimeter do not appear large enough in size to mitigate and discharge sediment laden free stormwater from the 9.7 acre pad. Stormwater appears to flow to and concentrate at the southwest corner where sediment laden discharge is evident.

**Corrective Action:** 1) Provide construction calculations from the site specific stormwater plan demonstrating that the installed BMPs are sufficient to prevent sediment laden stormwater runoff from leaving location, or 2) Install sufficient BMPs in accordance with good engineering practices per Rule 1002.f.

Date: **09/01/2017****On Site Inspection (305):**Surface Owner Contact Information:

Name: \_\_\_\_\_

Address: \_\_\_\_\_

Phone Number: \_\_\_\_\_

Cell Phone: \_\_\_\_\_

Operator Rep. Contact Information:

Landman Name: \_\_\_\_\_

Phone Number: \_\_\_\_\_

Date Onsite Request Received: \_\_\_\_\_

Date of Rule 306 Consultation: \_\_\_\_\_

Request LGD Attendance: \_\_\_\_\_

LGD Contact Information:

Name: \_\_\_\_\_

Phone Number: \_\_\_\_\_

Agreed to Attend: \_\_\_\_\_

Summary of Landowner Issues:

<u>Summary of Operator Response to Landowner Issues:</u>	
<u>Onsite Inspection Memorandum Summarizing Discussions at Inspection as Attachment:</u>	

Inspected Facilities				
Facility ID: <u>442133</u>	Type: <u>WELL</u>	API Number: <u>123-41690</u>	Status: <u>XX</u>	Insp. Status: <u>CI</u>
Facility ID: <u>442135</u>	Type: <u>WELL</u>	API Number: <u>123-41691</u>	Status: <u>XX</u>	Insp. Status: <u>CI</u>
Facility ID: <u>442136</u>	Type: <u>WELL</u>	API Number: <u>123-41692</u>	Status: <u>XX</u>	Insp. Status: <u>CI</u>
Facility ID: <u>442137</u>	Type: <u>WELL</u>	API Number: <u>123-41693</u>	Status: <u>DG</u>	Insp. Status: <u>CI</u>
Facility ID: <u>442149</u>	Type: <u>WELL</u>	API Number: <u>123-41694</u>	Status: <u>XX</u>	Insp. Status: <u>CI</u>
Facility ID: <u>442150</u>	Type: <u>WELL</u>	API Number: <u>123-41695</u>	Status: <u>XX</u>	Insp. Status: <u>CI</u>
Facility ID: <u>442151</u>	Type: <u>WELL</u>	API Number: <u>123-41696</u>	Status: <u>XX</u>	Insp. Status: <u>CI</u>
Facility ID: <u>449693</u>	Type: <u>WELL</u>	API Number: <u>123-44464</u>	Status: <u>XX</u>	Insp. Status: <u>CI</u>
Facility ID: <u>449694</u>	Type: <u>WELL</u>	API Number: <u>123-44465</u>	Status: <u>XX</u>	Insp. Status: <u>CI</u>
Facility ID: <u>449695</u>	Type: <u>WELL</u>	API Number: <u>123-44466</u>	Status: <u>XX</u>	Insp. Status: <u>CI</u>
Facility ID: <u>449696</u>	Type: <u>WELL</u>	API Number: <u>123-44467</u>	Status: <u>XX</u>	Insp. Status: <u>CI</u>
Facility ID: <u>449697</u>	Type: <u>WELL</u>	API Number: <u>123-44468</u>	Status: <u>XX</u>	Insp. Status: <u>CI</u>
Facility ID: <u>449698</u>	Type: <u>WELL</u>	API Number: <u>123-44469</u>	Status: <u>XX</u>	Insp. Status: <u>CI</u>
Facility ID: <u>449699</u>	Type: <u>WELL</u>	API Number: <u>123-44470</u>	Status: <u>XX</u>	Insp. Status: <u>CI</u>

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

Date Interim Reclamation Started: \_\_\_\_\_ Date Interim Reclamation Completed: \_\_\_\_\_

Land Use: RANGELAND

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 \_\_\_\_\_ In Process \_\_\_\_\_

Comment \_\_\_\_\_

Topsoil pile on the east end of the location. Stormwater ditch present along base of the pile. However soils are loose and pile does not appear have BMPs in place to protect from further stormwater or wind erosion. See photo 10 in the attached photo document. Continue to monitor soil stockpile and impliment appropriate BMPs if degradation begins to occur.

Corrective Action \_\_\_\_\_

Date \_\_\_\_\_

1002E. SURFACE DISTRURBANCE 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 \_\_\_\_\_

Corrective Action \_\_\_\_\_ Date \_\_\_\_\_

**Overall Interim Reclamation****Final Reclamation/ Abandoned Location:**

Date Final Reclamation Started: \_\_\_\_\_ Date Final Reclamation Completed: \_\_\_\_\_

Final Land Use: RANGELAND

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
		Tracking Pad	Pass			Cattle guard at south end of location

Comment: Corrective Action: 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
675103779	Inspection Photos	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4213857">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4213857</a>