

**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 ☐ 2A Doc Num: _____**Operator Information:**OGCC Operator Number: 96155Name of Operator: WHITING OIL & GAS CORPORATIONAddress: 1700 BROADWAY STE 2300City: DENVER State: CO Zip: 80290**Status Summary:**☐ THIS IS A FOLLOW UP INSPECTION☒ FOLLOW UP INSPECTION REQUIRED☐ NO FOLLOW UP INSPECTION REQUIRED**Findings:**8 Number of Comments2 Number of Corrective Actions☒ Corrective Action Response Requested**Contact Information:**

Contact Name	Phone	Email	Comment
,		WhitingEasternCO@Whiting.com	All Inspections

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: 442134 CDP: _____Comment: [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.](#)

Corrective Action: _____

Date: _____

Form 2A COAs:

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>	
<div></div>	
<u>Onsite Inspection Memorandum Summarizing Discussions at Inspection as Attachment:</u>	
<div></div>	

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 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 _____

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
401361901	INSPECTION SUBMITTED	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4213869
675103779	Inspection Photos	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4213857