

**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:

08/11/2017

Submitted Date:

08/14/2017

Document Number:

682402599**FIELD INSPECTION FORM**

Loc ID 449920	Inspector Name: Binschus, Chris	On-Site Inspection <input type="checkbox"/>	Status Summary: <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								
Operator Information: OGCC Operator Number: <u>10625</u> Name of Operator: <u>HIGHLANDS NATURAL RESOURCES CORPORATION</u> Address: <u>2401 EAST 2ND AVENUE SUITE 150</u> City: <u>DENVER</u> State: <u>CO</u> Zip: <u>80206</u>			Findings: 2 Number of Comments 1 Number of Corrective Actions <input checked="" type="checkbox"/> Corrective Action Response Requested								
Contact Information: <table border="1" style="width:100%"> <tr> <th>Contact Name</th> <th>Phone</th> <th>Email</th> <th>Comment</th> </tr> <tr> <td>ANDERSON, ERIC</td> <td>(303) 798-0356</td> <td>eric.anderson@highlandsnr.com</td> <td></td> </tr> </table>				Contact Name	Phone	Email	Comment	ANDERSON, ERIC	(303) 798-0356	eric.anderson@highlandsnr.com	
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Inspected Facilities:							
Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status
449919	WELL	XX	04/06/2017		005-07266	CITADEL 5-64 15-16-1CHZ	RI
449921	WELL	XX	04/06/2017		005-07267	WILDHORSE 5-64 15-16-1BHZ	RI
449922	WELL	XX	04/06/2017		005-07268	HAGAR 5-64 15-16-1BHZ	RI
449923	WELL	XX	04/06/2017		005-07269	POWELL 5-64 15-16-1CHZ	RI

General Comment:

This is a stormwater inspection along the main access road. COGCC staff did not perform an inspection at the well location because of busy traffic and active operations. COGCC staff, Chris Binschus, contacted an Operator representative, Eric Anderson, via phone on August 11, 2017, stating that a short corrective action may be issued because of erosion along an intermittent stream area. After COGCC staff conducted further review, this will be a short corrective action. See Stormwater section for more details.

Inspected Facilities

Facility ID: <u>449919</u>	Type: <u>WELL</u>	API Number: <u>005-07266</u>	Status: <u>XX</u>	Insp. Status: <u>RI</u>
Facility ID: <u>449921</u>	Type: <u>WELL</u>	API Number: <u>005-07267</u>	Status: <u>XX</u>	Insp. Status: <u>RI</u>
Facility ID: <u>449922</u>	Type: <u>WELL</u>	API Number: <u>005-07268</u>	Status: <u>XX</u>	Insp. Status: <u>RI</u>
Facility ID: <u>449923</u>	Type: <u>WELL</u>	API Number: <u>005-07269</u>	Status: <u>XX</u>	Insp. Status: <u>RI</u>

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

Loc Erosion BMPs	BMP Maintenance	Lease Road Erosion BMPs	Lease BMP Maintenance	Chemical BMPs	Chemical BMP Maintenance	Comment
Rip Rap	Fail					
Waddles	Fail					

Comment: Sediment deposition observed from stormwater erosion along the access road just north of the culvert crossing. Need to control and stabilize this area of sediment deposition so it does not erode into the intermittent stream (see Pictures 1-2). Erosion (head cut) forming along the west-side of the culvert area. Need to stabilize and prevent erosion from occurring (see Picture 3). Sediment deposition observed along the outlet area of the culvert/rip-rap area. Maintenance required as this sediment could potentially discharge from the outlet area and contribute to sediment discharge into Box Elder Creek downstream (see Picture 4). BMPs in need of maintenance along the access road as wattles are full of sediment (see Pictures 5-6).

Corrective Action: The potential for sediment discharge is likely to occur if BMPs are not repaired/maintained as soon as possible. The monsoon season appears to be in the weather forecast which could cause more erosion and potential for sediment discharge off location. Install or repair required BMPs per Rule 1002.f. Please refer to the attached inspection photos for more details.

Date: 08/21/2017

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
682402600	Inspection Photos	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4226122