



**Inspected Facilities**

Facility ID: 439315 Type: LOCATION API Number: - Status: AC Insp. Status: AC

**Producing Well**

Comment:	Inspection in response to complaint.	
Corrective Action:		Date:

**Complaint**

Comment:	Inspection in response to complaint. 18#200446938  Field Inspector Assigned: Adam Kraich  Complaint Received: Date: 2-4-2019 Complaint Contacted: Date: 2-4-2019 @13:01  Location #: 439315  Inspection Document #:69400094  Nature of complaint: Noise  Field Inspector Actions:  On 9-6-2018; I received a complaint in regard to noise suspected to be coming from the Honebein Production location, owned and operated by PDC Energy.  On 9-4-2019, I began to perform a continuous sound audit from 40.32801, -104.59693. (489' to location). The sound meter was not able to capture any useable data as the unit experienced power failure only hours into the audit. On 9-13-2019, the sound meter was able to be reset at the same location, and an audit was performed over the night into the 14th. Please see sound data attachment. The average sound reading was 55.1 DB, however, rule 802 requires sound measurements from 350' however in this case it was unfeasible to accomplish, so the meter was placed at a greater distance. Using guidance provided by rule 802.c(1) the sound and distance was extrapolated using the following formula:  $\text{db(A) DISTANCE 2} = \text{db(A) DISTANCE 1} - 20 \times \log_{10}(\text{distance 2/distance 1})$  The data was then isolated to overnight leq A levels from 7am to 7pm. This calculated an average DB of 55.6. Using the data from the sound audit, the average is 54 DB, which indicates noncompliance under rule 802.b  Oil and gas operations at any well site, production facility, or gas facility shall comply with the following maximum permissible noise levels. ZONE 7:00 am to next 7:00 pm 7:00 pm to next 7:00 am Residential/Agricultural/Rural 55 db(A) 50 db(A) Commercial 60 db(A) 55 db(A) Light industrial 70 db(A) 65 db(A) Industrial 80 db(A) 75 db(A) Please see inspection report for corrective action information.  All information reviewed and site inspection information were submitted to the complaint specialist for further review.	
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Corrective Action:	Comply with Rule 802. Identify and install control measures.	Date:	<u>02/20/2019</u>
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**Attached Documents**

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

Document Num	Description	URL
401942027	INSPECTION SUBMITTED	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4736509">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4736509</a>
694400095	Sound Audit	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4736506">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4736506</a>
694400096	Inspection photos	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4736507">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4736507</a>
694400097	Weather data	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4736508">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4736508</a>