



NOISE SURVEY IN RESPONSE TO FORMAL COMPLAINT

McCLAIN COUNTY, OKLAHOMA
MARCH 2023

Rose Rock was retained to provide a noise assessment in response to a formal noise complaint made against a hydraulic fracturing facility. The complaint was received at 3:00pm on a Friday afternoon, so Rose Rock immediately met with the Newcastle City Manager in order to address the typically required 24-hour response time limit and came to an agreement to have results to their office by the following Tuesday. Rose Rock then began a continuous 24-hour study of the facility, collecting data from four different monitoring locations. In addition to these locations, sound pressure measurements were also collected from four other locations around the facility. At the end of the collection period, all results were shown to have noise levels below the City of Newcastle's Code of Ordinances established limit for oil and gas drilling locations, confirming that the facility was in compliance.



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