

DEPARTMENT OF ENVIRONMENTAL QUALITY
AIR QUALITY DIVISION
ACTIVITY REPORT: Scheduled Inspection

P010032532

FACILITY: OIL Energy Corp		SRN / ID: P0100
LOCATION: 7820 Comfort Road, BELLAIRE		DISTRICT: Cadillac
CITY: BELLAIRE		COUNTY: ANTRIM
CONTACT: Brandon McDowell, Field Representative		ACTIVITY DATE: 12/10/2015
STAFF: Kurt Childs	COMPLIANCE STATUS: Compliance	SOURCE CLASS: SM OPT OUT
SUBJECT: 2015 Full Compliance Evaluation, site inspection and records review.		
RESOLVED COMPLAINTS:		

I conducted a Full Compliance Evaluation (FCE) including site inspection and records review of the O.I.L. Energy Custer 7 Booster compressor located on Comfort Rd. in Custer Township, Antrim County. The Custer 7 booster is an opt-out facility with PTI 76-10. The facility consists of the following equipment:

- A compressor building housing one compressor/engine. PTI application 76-10 indicates there is one 400 hp Caterpillar 3408TA engine with no emission controls. The original engine had previously been replaced by an equivalent engine (see previous activity report). At the time of the inspection there was a compressor and V-8 compressor engine, identified as unit NGCS195 that was running. This was the same engine that was previously observed. The exhaust system for the engine was equipped with a catalytic converter housing but there did not appear to be any temperature sensors. Engine RPM was 1348 and oil pressure was 50 psi. There was not a read-out for catalyst inlet and outlet temperature. The compressor log sheet indicated that engine parameters had been observed and recorded each day. There were no visible emissions from the exhaust stack which appeared to comply with the permit requirements of 6" max diameter, 34.65' minimum height.
- There are two wells on-site.
- There were no tanks, dehydrator, or heaters. This facility is not equipped with a flare.

When I exited the compressor building and closed the door a security alarm was triggered. I proceeded to my vehicle and called Mr. Brandon McDowell of OIL Energy to inform him of the alarm. While I was speaking to him an OIL representative Arrived and I informed him who I was and the purpose of the inspection. I spoke with Mr. McDowell later in the day and he stated that they have had to add alarm systems to their sites due to vandalism. I informed him of the need for unannounced inspections and agreed to contact the company in the future on the day of the inspection so that a representative could disarm the alarm prior to the inspection.

A Malfunction abatement plan was submitted on July 9, 2010 and approved on 10/05/2010.

Following the inspection I requested that the company provide the following records:

- Monthly NOx and CO 12-month rolling time period emissions calculations.
- Monthly fuel use.
- Maintenance activity logs.

The records were provided on 12/15/2015. Review of the records indicates that the records were complete and up to date and that the highest 12-month rolling time period emissions of 57.64 TPY NOX and 4.33 TPY CO were in compliance with the permit limits (NOx; 82.3 TPY, CO 6.2 TPY). Fuel use records indicate the EUENGINE1 was down for most of 2014, returning to operation in October 2014. Maintenance records indicated that routine maintenance was performed regularly and the left cylinder head was replaced during the year. The results of the inspection and records review indicate the facility is currently in compliance with PTI 76-10 and the air pollution control rules.

NAME 

DATE 12-15-15

SUPERVISOR 