

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

N019924659

FACILITY: Merit Energy Company - Springdale 25		SRN / ID: N0199
LOCATION: Plagany Rd, COPEMISH		DISTRICT: Cadillac
CITY: COPEMISH		COUNTY: MANISTEE
CONTACT: Vicki Kniss , Environmental Affairs Manager		ACTIVITY DATE: 03/25/2014
STAFF: Kurt Childs	COMPLIANCE STATUS: Compliance	SOURCE CLASS: SM OPT OUT
SUBJECT: 2014 FCE, Site inspection and records review.		
RESOLVED COMPLAINTS:		

I Conducted a Full Compliance Evaluation (FCE) of this facility in accordance with the District inspection plan to determine compliance with the Air Pollution Control Rules and PTI 49-04B. The facility is equipped with a flare and there was a small flame with no visible plume or opacity. The flare serves as a back-up control to the Dehy, relief valves, tank vapor recovery unit, and. There were three process heaters and 4 four tanks containing production water, waste water, and crude oil (2). There were two dehydrators, only one was operating, the other was in poor shape with insulation crumbling off of it and accumulating on the floor (I notified MEC following the inspection). Gas sweetening plant equipment has been removed and replaced with an H2S scavenger system.

At the time of the inspection there was one V-12 Waukesha Compressor engine on-site and operating. The engine was equipped with a catalytic converter and AFRC. Operating data was as follows:

Compressor Engine Operating Data

Parameter	Reading
Unit Number	202
RPM	NA
Oil Pressure	NA
CC Diff. Press.	NA
CC Inlet Temp.	927
CC Outlet Temp.	967
AFRC O2 L	.820
AFRC O2 R	.820
AFRC Stepper pos. L.	1546
AFRC Stepper Pos. R.	1516

Each reading was within permit limits or consistent with normal operation. The catalytic converter is equipped with tubing and fittings for a differential pressure reading but a gauge is not permanently attached.

Facility records were requested prior to the inspection. The records were received on 11/1/13 and indicate that the facility has met the permit requirements for NOx, CO, and VOC emissions as well as for fuel usage and equipment maintenance records.

In accordance with PTI 49-04B there has been no reporting for this facility since the 4th quarter of 2008 as the sweetening plant was shut down in October 2008.

The facility appears to be operating in compliance with the conditions of the permit, The compressor engine is as described in the permit and appeared to be operating properly, the dehy was also operating and was equipped with the necessary control devices.

NAME 

DATE 3-28-14

SUPERVISOR 