

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

N753234475

FACILITY: BREITBURN OPERATING LP-HEAD START/MILLER TIME		SRN / ID: N7532
LOCATION: T30N R5E SEC 9, FLANDERS		DISTRICT: Gaylord
CITY: FLANDERS		COUNTY: ALPENA
CONTACT:		ACTIVITY DATE: 05/09/2016
STAFF: Bill Rogers	COMPLIANCE STATUS: Compliance	SOURCE CLASS: SM OPT OUT
SUBJECT: Scheduled inspection for FCE		
RESOLVED COMPLAINTS:		

On May 9, 2016, I inspected the Head Start/ Miller Time CPF to complete a FCE. For the MAERS and record review part of the FCE, see CA-N753234388.

Permit 239-05, Special Condition 1.13, sets stack dimensions as a maximum diameter of 16 inches and a minimum height of 36 feet. Stack exhausts unobstructed vertically upward as required. Stack diameter appears to be about 16 inches. I estimated the height of the stack by marking out its shadow in multiples of my own shadow and got a height of approximately 38 feet. This complies with the permit requirement.

The facility sign reads Terra Energy Ltd - Miller Time - SW/4 SE/4 SW/4 Sec 9 T30N R05E Green Twp, Alpena Co. In case of emergency 888-250-1681.

The facility includes one Caterpillar natural gas fired compressor engine with no catalytic oxidizer. It is labeled as GCS 996 in metal characters welded to the engine mount, identifying it as Gas Compression Services Unit 996.

This engine has two instrument panels, with many of the same instruments, and a digital engine monitor readout. I noted several values from these: Engine oil pressure 58 PSI, Compressor oil pressure 55 PSI, compressor temperature 160 degrees f, coolant temperature 175 degrees f, engine hours 12170.4, manifold air temperature 130 degrees f, second engine oil pressure 60 psi, second coolant temperature 190 degrees f, manifold pressure 5 psi, oil filter differential pressure 5 psi, 1007 RPM.

The facility includes a glycol dehydrator. This has a Wenco flame arrested burner rated at 200,000 btu. The stack was 6 inches diameter and about 20 feet high, unobstructed vertically upward. The still vent was a pipe about 2 inches diameter ending at a T fitting at about 20 feet above ground level. I saw some "steam" from the still vent but I didn't note any odors.

I noted the following tanks:

Two 400-barrel sized tanks, probably brine and/or slop tanks, inside a lined berm. There was some standing water inside the berm.

One oval metal tank outside the north side of the building near the radiator end of the shed; this might be engine coolant.

Two drum on stilts tanks near the dehydrator, outside the north wall of the compressor shed. One is labeled methanol and the other triethylene glycol.

Inside the compressor shed, I saw one drum on stilts tank labeled as ISO 150 oil.

Maintenance appeared good. I didn't see any leaks or spills, or stained soils which might indicate leaks or spills in the past. There were two pressure vessels, open to the air, on the ground west of the compressor shed, along with a few sections of pipe.

NAME William J. Rogers

DATE 5/10/16

SUPERVISOR 