

DEPARTMENT OF ENVIRONMENTAL QUALITY
AIR QUALITY DIVISION
ACTIVITY REPORT: On-site Inspection

N608969887

FACILITY: Core Energy LLC - Charlton 7		SRN / ID: N6089
LOCATION: 9320 Bear Lane Sawyer Rd, JOHANNESBURG		DISTRICT: Cadillac
CITY: JOHANNESBURG		COUNTY: OTSEGO
CONTACT:		ACTIVITY DATE: 10/17/2023
STAFF: Sharon LeBlanc	COMPLIANCE STATUS: Compliance	SOURCE CLASS: SM OPT OUT
SUBJECT: 2024 FCE site visit and records review - Facility has been down since Core took over operations from Lambda in 2020. sgl		
RESOLVED COMPLAINTS:		

On October 17, 2023, AQD District Staff mobilized to the Core Energy LLC (AKA Core) Charlton 7 Facility (N6089), located at 9320 Bear Lane, Johannesburg, Michigan. The Facility is located in the S 1/2, SW/4, SW/4 Section 7, T31N, R1W, Charlton Township North, Otsego County, Michigan to conduct an unannounced, scheduled compliance inspection of the facility. The referenced facility presently operates under Permit to Install (PTI) No. 647-96. A records request was made electronically on September 8, 2023. Records were received electronically on October 4, 2023, and have been incorporated into this document.

The previous site inspections for the Facility were conducted on May 24, 2022, and October 18, 2020. Equipment onsite was not operating during either of the referenced inspections. No compliance issues were documented.

FACILITY

The referenced facility is a gated, unmanned CPF operated by Core, located at 9320 Bear Lane, Johannesburg, Michigan. The Facility is identified as a crude oil extraction facility in MAERS, however, activities onsite also consist of dehydration and compression of gas prior to pipeline transport. The Facility does not extract Natural Gas (NG) liquids (NGLs) from field gas and/or fractionate mixed NGLs to NG products. Core reports that the Facility has not been in operations since their purchase of the site in 2020. Core has indicated that they have plans to operate it as an EOR Facility in the future.

To get to the site, travel on M-32 east to the intersection of Gingell Road, and turn North (left) onto Gingell Road, and travel approximately 2.5 miles, to the intersection with Sparr Road. At the intersection of Gingell and Sparr Roads, turn left and travel east to the intersection of Sawyer Road. At Sawyer Road, turn North (right) and travel for 1-2 miles. Watch for Deer Trail – Elmac Subdivision and Tyrolean Hills. Take deer trail to the right, continue on Deer Trail, keeping to the left when the road forks to stay on Bear Lane. Go by the road names on the signs, rather than on maps.

A review of readily accessible aerials indicates that the Facility has been in operation since before 1985. Aerials do not appear to indicate any significant changes in Facility layout or construction.

Weather conditions at the time of the site visit includes mostly cloudy skies, temperature of approximately 46 degrees Fahrenheit, with little to no winds.

REGULATORY

Permitting -The referenced facility operates under Permit to Install (PTI) No. 647-96, which was issued to the Facility in 1996. The PTI was issued as an opt-out permit, but not a Rule 201 permit and was issued around the same time as other Michigan Oil and Gas Association (MOGA) permits that did not undergo 201 reviews. The PTI conditions were generic and refer to the stationary source as a whole rather than conditions that address individual pieces of equipment.

Property ownership/operation has changed hands since issuance of PTI 647-96 and is summarized below:

- Shell Western E&P Inc.
- Merit Energy Company
- Lambda Energy Resources LLC
- Core Energy LLC (present operator).

Federal Regulations - Though not identified in the permit, the facility may be subject to Federal Regulation. Multiple subparts may be applicable to the Facility. However, no determination of compliance with Federal Regulations has been made at this time.

EQUIPMENT

The October 17, 2023, site visit identified a total of 6 approximately 400 bbl crude oil ASTs with vapor recovery system) and one production water tank inside secondary containment, one electric compressor engine, a minimum of three heater treaters, one dehy, and one flare. Per MAERS the dehy, heater treaters and fixed roof tanks were all installed in May 1976.

Site inspection reports dated as early as January 11, 2017, indicated that the site was inactive. Comments in the November 18, 2020, site inspection report indicated that Core personnel had no plans at that time to operate the equipment at the Charlton 7 Facility.

COMPLIANCE

At the time of the October 17, 2023, site inspection, the Facility was not operating.

MAERS- Annual reporting of emissions continues to be conducted by the Facility operators, the most recent submittal being for the 2022 calendar year, which was submitted on February 27, 2023.

Permit Conditions -Special conditions associated with Permit No. 647-96 are limited to record keeping, reporting and emission limits. As there has been no activity onsite, there are not records to be maintained, or emissions to be calculated. Therefore, no compliance issues would appear to apply at this time.

SUMMARY

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A review of readily accessible aerials indicates that the Facility has been in operation since before 1985. Aerials do not appear to indicate any significant changes in Facility layout or construction.

Weather conditions at the time of the site visit includes mostly cloudy skies, temperature of approximately 46 degrees Fahrenheit, with little to no winds. The site was not operating at the time of the October 17, 2023, site inspection. No compliance violations were noted at the time of the site inspection. Though not identified in the permit, the facility may be subject to Federal Regulation. Multiple subparts may be applicable to the Facility. However, no determination of compliance with Federal Regulations has been made at this time.

NAME



DATE

11-21-23

SUPERVISOR

