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CRITERION
CATALYSTS & TECHNOLOGIES

January 2, 2019

Mr. William Tong
United States Environmental Protection Agency
77 West Jackson Blvd (WU-16J)
Chicago, Illinois 60604-3590
ATTN: UIC Branch, Direct Implementation

Re: UIC Permits IN-091-1I-0001 and IN-091-1I-0002 and IN-091-1I-0006

Dear Mr. Tong:

The following Monthly Report for December 2018 is being submitted in compliance with the referenced Permits Part II(D)(1)(a) thru (f).

The reporting data are as follows:

(a) The analysis of the injection fluid for the month is submitted as Attachment I. Samples and measurements taken for monitoring conform to the requirements of Part I (E) (10) and Part II (C) (3) of the Permits.

(b) A tabulation of maximum injection pressure, daily maximum and minimum annulus tank levels, and minimum differential between simultaneous measurements of injection pressure and annulus pressure for each day of the month for Well #1, Well #2 and Well #3 are shown in Attachments II, III, and IV, respectively.

(c) Daily maximum injection pressure and daily average flow rate are shown for Well #1, Well #2, and Well #3 in Attachments V and VI. Daily maximum and minimum annulus tank levels for Well #1, Well #2, and Well #3 are shown in Attachments VII and VIII.

(d) A statement of the total volumes of the fluid injected to date, in the current calendar year, and the current month:

Cumulative volume injected

Well #1	2,102,389,378	Gallons
Well #2	2,023,892,702	Gallons
Well #3	18,483,729	Gallons

Volume injected year-to-date

Well #1	47,062,714	Gallons
Well #2	64,077,995	Gallons
Well #3	18,483,729	Gallons

Volume injected this month

Well #1	3,661,539	Gallons
Well #2	4,187,372	Gallons
Well #3	4,219,526	Gallons

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(e) A tabulation of the dates and amounts of water added to or removed from the annulus systems during the month, and the cumulative additions and cumulative subtractions for the current month and each of the past 13 months are included in Attachments IX and X for Well #1, Well #2, and Well #3.

(f) Injection operating summary of compliance, alarms, and scheduled maintenance is listed below.

Well #1: The following non-compliance event(s) occurred:

None occurred.

Well #1: The following alarm shutdown(s) and scheduled maintenance occurred:

None occurred.

Well #2: The following non-compliance event(s) occurred:

None occurred.

Well #2: The following alarm shutdown(s) and scheduled maintenance occurred:

None occurred.

Well #3: The following non-compliance event(s) occurred:

None occurred.

Well #3: The following alarm shutdown(s) and scheduled maintenance occurred:

None occurred.

Please note that any events in section (f) above are referenced in the notes in Attachments II and III.

I certify, under penalty of law, that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage this system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Please contact me at Criterion as necessary with any questions regarding this data or report.

Sincerely,

Jesse Trent
HSSE Advisor
Criterion Catalysts & Technologies L.P.

Attachments

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