PennEnergy Resources, LLC - Well Development Daily Log
40 CFR 60 Subpart OOOOa

Well Name: PER W45 - 4H
Well API Number: 37-019-22682
Well Coordinates: 40.776011 / -79.729486
Pad Address: 623 Bicker Road, Cabot, PA 16023
State / County / Municipality: Winfield Twp / Butler
Date / Time of Flowback Start: 7/21/2019 8:00
Total Flowback (Hours): 192
Separation Flowback (Hours): 160
Date / Time Well Shut In or Production Startup: 7/29/2019 8:00

DATE	7/21/2019	7/22/2019	7/23/2019	7/24/2019	7/25/2019	7/26/2019	7/27/2019	7/28/2019	7/29/2019	Total
Duration of Recovery to Flow (Sales) Line in Hours - *Separation Recovery*	0	8	24	24	24	24	24	24	8	160
Duration of Flow to Combustion Device (Flare) in Hours - *Separation Combustion*	0	0	0	0	0	0	0	0	0	0
Duration of Venting in Hours (should be zero, if not explain below) - *Separation Venting*	0	0	0	0	0	0	0	0	0	0
Duration with Fluids Flowback Only in Hours - *Initial Flowback*	16	16	0	0	0	0	0	0	0	32
Duration with No Flowback in Hours	8	0	0	0	0	0	0	0	16	24
Total Daily Hours	24	24	24	24	24	24	24	24	24	216

Date / Time of Each Attempt to Direct Flowback to Separator: 7/22/2019 16:00 7/22/2019 13:00
Date / Time of Each Occurrence of Returning to Initial Flowback Stage: Not Applicable
Explanation of Venting (if applicable): Not Applicable