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

Well Name: PER W45 - 3H
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: 7/15/2019 9:00
Total Flowback (Hours): 261
Separation Flowback (Hours): 221
Date / Time Well Shut In or Production Startup: 7/26/2019 8:00

DATE	7/15/2019	7/16/2019	7/17/2019	7/18/2019	7/19/2019	7/20/2019	7/21/2019	7/22/2019	7/23/2019	7/24/2019	7/25/2019	7/26/2019	Total
Duration of Recovery to Flow (Sales) Line in Hours - *Separation Recovery*	0	0	23	24	24	24	24	24	24	22	24	8	221
Duration of Flow to Combustion Device (Flare) in Hours - *Separation Combustion*	0	0	0	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	0	0	0
Duration with Fluids Flowback Only in Hours - *Initial Flowback*	15	24	1	0	0	0	0	0	0	0	0	0	40
Duration with No Flowback in Hours	9	0	0	0	0	0	0	0	0	2	0	16	27
Total Daily Hours	24	24	24	24	24	24	24	24	24	24	24	24	288

Date / Time of Each Attempt to Direct Flowback to Separator: 7/17/2019 1:00
Date / Time of Each Occurrence of Returning to Initial Flowback Stage: Not Applicable
Explanation of Venting (if applicable): Not Applicable