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

Well Name: PER W45 - 8H
Well API Number: 37-019-22685
Well Coordinates: 40.776011 / -79.729561
Pad Address: 623 Bicker Road, Cabot, PA 16023
State / County / Municipality: Winfield Twp / Butler
Date / Time of Flowback Start: 7/8/2019 8:00
Total Flowback (Hours): 167
Separation Flowback (Hours): 144
Date / Time Well Shut In or Production Startup: 7/15/2019 7:00

DATE	7/8/2019	7/9/2019	7/10/2019	7/11/2019	7/12/2019	7/13/2019	7/14/2019	7/15/2019	Total
Duration of Recovery to Flow (Sales) Line in Hours - *Separation Recovery*	0	17	24	24	24	24	24	7	144
Duration of Flow to Combustion Device (Flare) in Hours - *Separation Combustion*	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
Duration with Fluids Flowback Only in Hours - *Initial Flowback*	16	7	0	0	0	0	0	0	23
Duration with No Flowback in Hours	8	0	0	0	0	0	0	17	25
Total Daily Hours	24	24	24	24	24	24	24	24	192

Date / Time of Each Attempt to Direct Flowback to Separator: 7/9/2019 7:00
Date / Time of Each Occurrence of Returning to Initial Flowback Stage: Not Applicable
Explanation of Venting (if applicable): Not Applicable