ATTACHMENT A
Affected Gas Well Facilities – 40 CFR §60.5420a(b)(2) Required Records

Well Name: C. Pepper 1H
County: Bradford

API Number: 37-015-23410
Township: Leroy

Completions Contractor: Oil States
Latitude/Longitude: 41.660456, -76.679181

Date	Time	Frac Start	Frac End	Shut-In	Drill-out Start	Drill-out End	Shut-In	Hours of Flowback	Hours of Gas Recovered to Sales	Cumulative Gas to Sales MCF	Hours Flared	Cumulative Gas Flared Mscf	Hours Vented*	*Venting Reasons/ Deviations	Flowback End	Shut-In
2/16/2019		X														
2/24/2019			X													
2/24/2019				X												
2/28/2019					X											
3/2/2019						X	X									
3/10/2019	10:15 PM [1]							1	0	0						
3/11/2019	11:25 PM to Sep [2]							24	12	756						
3/12/2019								24	24	3,876						
3/13/2019								24	24	7,611						
3/14/2019								24	24	9,207						
3/15/2019								24	24	9,696						
3/16/2019								24	24	10,044						
3/17/2019								24	24	10,348						
							TOTALS:	**169**	**156**	**51,538**	**0**	**0**	**0**			

[1] Represents the time of the onset of flowback following hydraulic fracturing or refracturing.

[2] Represents the time that flowback was first directed to a separator and the time of the startup of production. The well did not return to the initial flowback stage after being directed to the separator.

Well Name: C. Pepper 2H
County: Bradford

API Number: 37-015-23411
Township: Leroy

Completions Contractor: Oil States
Latitude/Longitude: 41.660500, -76.679133

Date	Time	Frac Start	Frac End	Shut-In	Drill-out Start	Drill-out End	Shut-In	Hours of Flowback	Hours of Gas Recovered to Sales	Cumulative Gas to Sales MCF	Hours Flared	Cumulative Gas Flared Mscf	Hours Vented*	*Venting Reasons/ Deviations	Flowback End	Shut-In
2/17/2019		X														
2/24/2019			X													
2/24/2019				X												
2/27/2019					X											
2/28/2019						X	X									
3/10/2019	10:15 PM [1]							1	0	0						
3/11/2019	9:00 AM to Sep [2]							24	14	3,278						
3/12/2019								24	24	7,854						
3/13/2019								24	24	8,670						
3/14/2019								24	24	8,550						
3/15/2019								24	24	8,781						
3/16/2019								24	24	8,893						
3/17/2019								24	24	8,847						
							TOTALS:	**169**	**158**	**54,873**	**0**	**0**	**0**			

[1] Represents the time of the onset of flowback following hydraulic fracturing or refracturing.

[2] Represents the time that flowback was first directed to a separator and the time of the startup of production. The well did not return to the initial flowback stage after being directed to the separator.

Well Name: Kaufmann East 4H
County: Bradford

API Number: 37-015-23371
Township: Colley

Completions Contractor: Oil States
Latitude/Longitude: 41.562094, -76.301644

Date	Time	Frac Start	Frac End	Shut-In	Drill-out Start	Drill-out End	Shut-In	Flowback Start	Hours of Flowback	Hours of Gas Recovered to Sales	Cumulative Gas to Sales MCF	Hours Flared	Cumulative Gas Flared Mscf	Hours Vented*	*Venting Reasons/ Deviations	Flowback End	Shut-In
11/29/2018		X															
12/4/2018			X	X													
12/13/2018					X												
12/14/2018						X	X										
12/15/2018	5:00 PM [1]							X	7	0	0						
12/16/2018	12:00 AM to Sep [2]								24	24	4,488						
12/17/2018									24	24	6,407						
12/18/2018									24	24	7,624						
12/19/2018									24	24	8,230						
12/20/2018									18	18	6,682					X	
								TOTALS:	**121**	**114**	**33,431**	**0**	**0**	**0**			

[1] Represents the time of the onset of flowback following hydraulic fracturing or refracturing.

[2] Represents the time that flowback was first directed to a separator and the time of the startup of production. The well did not return to the initial flowback stage after being directed to the separator.

Well Name: Kaufmann East 5H
County: Bradford

API Number: 37-015-23374
Township: Colley

Completions Contractor: Oil States
Latitude/Longitude: 41.562122, -76.301647

Date	Time	Frac Start	Frac End	Shut-In	Drill-out Start	Drill-out End	Shut-In	Flowback Start	Hours of Flowback	Hours of Gas Recovered to Sales	Cumulative Gas to Sales MCF	Hours Flared	Cumulative Gas Flared Mscf	Hours Vented*	*Venting Reasons/ Deviations	Flowback End	Shut-In
12/5/2018		X															
12/9/2018			X	X													
12/12/2018					X												
12/13/2018						X	X										
12/15/2018	5:00 PM [1]							X	7	0	0						
12/16/2018	12:00 AM to Sep [2]								24	24	3,982						
12/17/2018									24	24	6,122						
12/18/2018									24	24	7,474						
12/19/2018									24	24	8,414						
12/20/2018									18	18	6,496					X	
								TOTALS:	**121**	**114**	**32,488**	**0**	**0**	**0**			

[1] Represents the time of the onset of flowback following hydraulic fracturing or refracturing.

[2] Represents the time that flowback was first directed to a separator and the time of the startup of production. The well did not return to the initial flowback stage after being directed to the separator.

Well Name: L. Kingsley NE 3H
County: Bradford

API Number: 37-015-23345
Township: Overton

Completions Contractor: Oil States
Latitude/Longitude: 41.596942, -76.581319

Date	Time	Frac Start	Frac End	Shut-In	Drill-out Start	Drill-out End	Shut-In	Flowback Start	Hours of Flowback	Hours of Gas Recovered to Sales	Cumulative Gas to Sales MCF	Hours Flared	Cumulative Gas Flared Mscf	Hours Vented*	*Venting Reasons/ Deviations	Flowback End	Shut-In
9/20/2018		X															
10/11/2018			X	X													
11/2/2018					X												
11/5/2018						X	X										
11/19/2018	8:00 PM [1]							X	3	0	0						
11/20/2018	10:15 AM to Sep [2]								24	15	1,823						
11/21/2018									24	24	7,393						
11/22/2018									24	24	11,706						
11/23/2018									24	24	13,294						
11/24/2018									24	24	14,231						
11/25/2018									24	24	14,581						
11/26/2018									24	24	15,497						
11/27/2018									24	24	15,300						
11/28/2018									17	17	11,917					X	
								TOTALS:	**212**	**200**	**105,742**	**0**	**0**	**0**			

[1] Represents the time of the onset of flowback following hydraulic fracturing or refracturing.

[2] Represents the time that flowback was first directed to a separator and the time of the startup of production. The well did not return to the initial flowback stage after being directed to the separator.

Well Name: L. Kingsley NE 4H
County: Bradford

API Number: 37-015-23346
Township: Overton

Completions Contractor: Oil States
Latitude/Longitude: 41.596833, -76.581306

Date	Time	Frac Start	Frac End	Shut-In	Drill-out Start	Drill-out End	Shut-In	Flowback Start	Hours of Flowback	Hours of Gas Recovered to Sales	Cumulative Gas to Sales MCF	Hours Flared	Cumulative Gas Flared Mscf	Hours Vented*	*Venting Reasons/ Deviations	Flowback End	Shut-In
9/21/2018		X															
10/14/2018			X	X													
11/6/2018					X												
11/8/2018						X	X										
11/19/2018	8:00 PM [1]							X	3	0	0						
11/20/2018	11:30 AM to Sep [2]								24	12	1,845						
11/21/2018									24	24	8,331						
11/22/2018									24	24	14,583						
11/23/2018									24	24	15,503						
11/24/2018									24	24	16,508						
11/25/2018									24	24	15,812						
11/26/2018									24	24	16,767						
11/27/2018									24	24	16,693						
11/28/2018									18	18	13,067					X	
								TOTALS:	**213**	**198**	**119,109**	**0**	**0**	**0**			

[1] Represents the time of the onset of flowback following hydraulic fracturing or refracturing.

[2] Represents the time that flowback was first directed to a separator and the time of the startup of production. The well did not return to the initial flowback stage after being directed to the separator.

Well Name: L. Kingsley NW 1H
County: Bradford

API Number: 37-015-23343
Township: Overton

Completions Contractor: Oil States
Latitude/Longitude: 41.596889, -76.581311

Date	Time	Frac Start	Frac End	Shut-In	Drill-out Start	Drill-out End	Shut-In	Flowback Start	Hours of Flowback	Hours of Gas Recovered to Sales	Cumulative Gas to Sales MCF	Hours Flared	Cumulative Gas Flared Mscf	Hours Vented*	*Venting Reasons/ Deviations	Flowback End	Shut-In
9/15/2018		X															
10/13/2018			X	X													
11/12/2018					X												
11/15/2018						X	X										
11/19/2018	8:00 PM [1]							X	4	0							
11/20/2018	5:20 AM to Sep [2]								24	5	332						
11/21/2018									24	24	5,187						
11/22/2018									24	24	9,512						
11/23/2018									4	4	2,285						
11/23/2018							X		1	1	448						
11/23/2018									13	13	4,677						
11/24/2018									24	24	15,350						
11/25/2018									24	24	15,853						
11/26/2018									24	24	17,184						
11/27/2018									24	24	18,160						
11/28/2018									18	18	15,246					X	
								TOTALS:	**208**	**185**	**104,234**	**0**	**0**	**0**			

[1] Represents the time of the onset of flowback following hydraulic fracturing or refracturing.

[2] Represents the time that flowback was first directed to a separator and the time of the startup of production. The well did not return to the initial flowback stage after being directed to the separator.

Well Name: L. Kingsley NW 2H
County: Bradford

API Number: 37-015-23344
Township: Overton

Completions Contractor: Oil States
Latitude/Longitude: 41.596997, -76.581325

Date	Time	Frac Start	Frac End	Shut-In	Drill-out Start	Drill-out End	Shut-In	Flowback Start	Hours of Flowback	Hours of Gas Recovered to Sales	Cumulative Gas to Sales MCF	Hours Flared	Cumulative Gas Flared Mscf	Hours Vented*	*Venting Reasons/ Deviations	Flowback End	Shut-In
9/17/2018		X															
10/13/2018			X	X													
11/6/2018					X												
11/9/2018						X	X										
11/19/2018	8:00 PM [1]							X	3	0	0						
11/20/2018	5:00 AM to Sep [2]								24	20	611						
11/21/2018									24	24	3,135						
11/22/2018									24	24	10,204						
11/23/2018									24	24	12,899						
11/24/2018									24	24	15,070						
11/25/2018									24	24	16,394						
11/26/2018									24	24	17,573						
11/27/2018									24	24	18,085						
11/28/2018									18	18	14,639					X	
								TOTALS:	**213**	**206**	**108,610**	**0**	**0**	**0**			

[1] Represents the time of the onset of flowback following hydraulic fracturing or refracturing.

[2] Represents the time that flowback was first directed to a separator and the time of the startup of production. The well did not return to the initial flowback stage after being directed to the separator.

Well Name: L. Kingsley SE 3H
County: Bradford

API Number: 37-015-23350
Township: Overton

Completions Contractor: Oil States
Latitude/Longitude: 41.596614, -76.581281

Date	Time	Frac Start	Frac End	Shut-In	Drill-out Start	Drill-out End	Shut-In	Flowback Start	Hours of Flowback	Hours of Gas Recovered to Sales	Cumulative Gas to Sales MCF	Hours Flared	Cumulative Gas Flared Mscf	Hours Vented*	*Venting Reasons/ Deviations	Flowback End	Shut-In
10/16/2018		X															
10/31/2018			X	X													
11/8/2018					X												
11/9/2018						X	X										
11/19/2018	8:00 PM [1]							X	3	0	0						
11/20/2018	2:00 PM to Sep [2]								24	11	1,385						
11/21/2018									24	24	7,761						
11/22/2018									24	24	12,436						
11/23/2018									24	24	14,215						
11/24/2018									24	24	15,641						
11/25/2018									24	24	16,536						
11/26/2018									24	24	17,003						
11/27/2018									24	24	17,310						
11/28/2018									18	18	13,914					X	
								TOTALS:	**213**	**197**	**116,201**	**0**	**0**	**0**			

[1] Represents the time of the onset of flowback following hydraulic fracturing or refracturing.

[2] Represents the time that flowback was first directed to a separator and the time of the startup of production. The well did not return to the initial flowback stage after being directed to the separator.

Well Name: L. Kingsley SE 4H
County: Bradford

API Number: 37-015-23348
Township: Overton

Completions Contractor: Oil States
Latitude/Longitude: 41.596725, -76.581294

Date	Time	Frac Start	Frac End	Shut-In	Drill-out Start	Drill-out End	Shut-In	Flowback Start	Hours of Flowback	Hours of Gas Recovered to Sales	Cumulative Gas to Sales MCF	Hours Flared	Cumulative Gas Flared Mscf	Hours Vented*	*Venting Reasons/ Deviations	Flowback End	Shut-In
10/16/2018		X															
10/31/2018			X	X													
11/5/2018					X												
11/5/2018						X	X										
11/19/2018	8:00 PM [1]							X	3	0	0						
11/20/2018	8:00 AM to Sep [2]								24	16	2,698						
11/21/2018									24	24	8,920						
11/22/2018									24	24	13,354						
11/23/2018									24	24	15,434						
11/24/2018									24	24	16,478						
11/25/2018									24	24	17,775						
11/26/2018									24	24	18,326						
11/27/2018									24	24	19,134						
11/28/2018									18	18	15,154					X	
								TOTALS:	**213**	**202**	**127,273**	**0**	**0**	**0**			

[1] Represents the time of the onset of flowback following hydraulic fracturing or refracturing.

[2] Represents the time that flowback was first directed to a separator and the time of the startup of production. The well did not return to the initial flowback stage after being directed to the separator.

Well Name: L. Kingsley SW 1H
County: Bradford

API Number: 37-015-23347
Township: Overton

Completions Contractor: Oil States
Latitude/Longitude: 41.596778, -76.581300

Date	Time	Frac Start	Frac End	Shut-In	Drill-out Start	Drill-out End	Shut-In	Flowback Start	Hours of Flowback	Hours of Gas Recovered to Sales	Cumulative Gas to Sales MCF	Hours Flared	Cumulative Gas Flared Mscf	Hours Vented*	*Venting Reasons/ Deviations	Flowback End	Shut-In
10/17/2018		X															
10/30/2018			X	X													
11/9/2018					X												
11/11/2018						X	X										
11/19/2018	8:00 PM [1]							X	3	0	0						
11/20/2018	6:00 AM to Sep [2]								24	19	2,513						
11/21/2018									24	24	7,811						
11/22/2018									24	24	9,542						
11/23/2018									24	24	9,613						
11/24/2018									24	24	9,948						
11/25/2018									24	24	10,869						
11/26/2018									24	24	10,564						
11/27/2018									24	24	10,328						
11/28/2018									18	18	8,095					X	
								TOTALS:	**213**	**205**	**79,283**	**0**	**0**	**0**			

[1] Represents the time of the onset of flowback following hydraulic fracturing or refracturing.

[2] Represents the time that flowback was first directed to a separator and the time of the startup of production. The well did not return to the initial flowback stage after being directed to the separator.

Well Name: L. Kingsley SW 2H
County: Bradford

API Number: 37-015-23349
Township: Overton

Completions Contractor: Oil States
Latitude/Longitude: 41.596669, -76.581286

Date	Time	Frac Start	Frac End	Shut-In	Drill-out Start	Drill-out End	Shut-In	Flowback Start	Hours of Flowback	Hours of Gas Recovered to Sales	Cumulative Gas to Sales MCF	Hours Flared	Cumulative Gas Flared Mscf	Hours Vented*	*Venting Reasons/Deviations	Flowback End	Shut-In
10/16/2018		X															
10/30/2018			X	X													
11/5/2018					X												
11/7/2018						X	X										
11/19/2018	8:00 PM [1]							X	3	0	0						
11/20/2018	3:00 PM to Sep [2]								24	9	1,857						
11/21/2018									24	24	8,338						
11/22/2018									24	24	12,013						
11/23/2018									24	24	13,133						
11/24/2018									24	24	14,500						
11/25/2018									24	24	15,787						
11/26/2018									24	24	16,489						
11/27/2018									24	24	16,786						
11/28/2018									18	18	13,885					X	
								TOTALS:	**213**	**195**	**112,788**	**0**	**0**	**0**			

[1] Represents the time of the onset of flowback following hydraulic fracturing or refracturing.

[2] Represents the time that flowback was first directed to a separator and the time of the startup of production. The well did not return to the initial flowback stage after being directed to the separator.

Well Name: Mehalick 2H
County: Bradford

API Number: 37-113-20383
Township: Cherry

Completions Contractor: Oil States
Latitude/Longitude: 41.506522, -76.350547

Date	Time	Frac Start	Frac End	Shut-In	Drill-out Start	Drill-out End	Shut-In	Hours of Flowback	Hours of Gas Recovered to Sales	Cumulative Gas to Sales MCF	Hours Flared	Cumulative Gas Flared Mscf	Hours Vented*	*Venting Reasons/ Deviations	Flowback End	Shut-In
12/30/2018		X														
1/6/2019			X													
1/6/2019				X												
1/11/2019					X											
1/12/2019						X	X									
1/13/2019	5:00 PM [1]							7	0	0						
1/14/2019	12:00 PM to Sep [2]							24	12	2,176						
1/15/2019								24	24	7,252						
1/16/2019								24	24	9,172						
1/17/2019								24	24	9,811						
1/18/2019								24	24	11,127						
1/19/2019								6	6	11,762						
							TOTALS:	**133**	**114**	**51,300**	**0**	**0**	**0**			

[1] Represents the time of the onset of flowback following hydraulic fracturing or refracturing.

[2] Represents the time that flowback was first directed to a separator and the time of the startup of production. The well did not return to the initial flowback stage after being directed to the separator.

Well Name: Raimo 1H
County: Bradford

API Number: 37-015-23428
Township: Overton

Completions Contractor: Oil States
Latitude/Longitude: 41.662717, -76.528256

Date	Time	Frac Start	Frac End	Shut-In	Drill-out Start	Drill-out End	Shut-In	Flowback Start	Hours of Flowback	Hours of Gas Recovered to Sales	Cumulative Gas to Sales MCF	Hours Flared	Hours Vented*	*Venting Reasons/Deviations	Flowback End	Shut-In
5/1/2019		X														
5/30/2019			X	X												
6/9/2019					X											
6/13/2019						X	X									
6/17/2019	3:45 PM [1]							X	7	0	0					
6/18/2019									24	0	0					
6/19/2019	2:05 PM to Sep [2]								24	10	426					
6/20/2019									24	24	1,869					
6/21/2019									24	24	2,867					
6/22/2019									24	24	3,946					
6/23/2019									24	24	5,165					
8/1/2019															X	
								TOTALS:	**151**	**106**	**14,273**	**0**	**0**			

[1] Represents the time of the onset of flowback following hydraulic fracturing or refracturing.

[2] Represents the time that flowback was first directed to a separator and the time of the startup of production. The well did not return to the initial flowback stage after being directed to the separator.

Well Name: Raimo 2H
County: Bradford

API Number: 37-015-23429
Township: Overton

Completions Contractor: Oil States
Latitude/Longitude: 41.662656, - 76.528131

Date	Time	Frac Start	Frac End	Shut-In	Drill-out Start	Drill-out End	Shut-In	Flowback Start	Hours of Flowback	Hours of Gas Recovered to Sales	Cumulative Gas to Sales MCF	Hours Flared	Hours Vented*	*Venting Reasons/Deviations	Flowback End	Shut-In
5/1/2019		X														
5/30/2019			X	X												
6/3/2019					X											
6/8/2019						X	X									
6/17/2019	3:45 PM [1]							X	7	0	0					
6/18/2019									24	0	0					
6/19/2019	10:30 AM to Sep [2]								24	13	890					
6/20/2019									24	24	2,340					
6/21/2019									24	24	2,965					
6/22/2019									24	24	3,628					
6/23/2019									24	24	4,431					
8/1/2019															X	
								TOTALS:	**151**	**109**	**14,254**	**0**	**0**			

[1] Represents the time of the onset of flowback following hydraulic fracturing or refracturing.

[2] Represents the time that flowback was first directed to a separator and the time of the startup of production. The well did not return to the initial flowback stage after being directed to the separator.

Well Name: Raimo East 1H
County: Bradford

API Number: 37-015-23430
Township: Overton

Completions Contractor: Oil States
Latitude/Longitude: 41.662603,-76.528008

Date	Time	Frac Start	Frac End	Shut-In	Drill-out Start	Drill-out End	Shut-In	Flowback Start	Hours of Flowback	Hours of Gas Recovered to Sales	Cumulative Gas to Sales MCF	Hours Flared	Hours Vented*	*Venting Reasons/ Deviations	Flowback End	Shut-In
5/3/2019		X														
5/26/2019			X	X												
6/2/2019					X											
6/8/2019						X	X									
6/28/2019	6:45 PM [1]							X	4	0	0					
6/29/2019									24	0	0					
6/30/2019	9:10 AM to Sep [2]								24	14	1,245					
7/1/2019									24	24	3,694					
7/2/2019									24	24	6,176					
7/3/2019									24	24	8,808					
7/4/2019									24	24	12,083					
8/1/2019															X	
								TOTALS:	**148**	**110**	**32,006**	**0**	**0**			

[1] Represents the time of the onset of flowback following hydraulic fracturing or refracturing.

[2] Represents the time that flowback was first directed to a separator and the time of the startup of production. The well did not return to the initial flowback stage after being directed to the separator.

Well Name: Raimo East 2H
County: Bradford

API Number: 37-015-23431
Township: Overton

Completions Contractor: Oil States Energy Services
Latitude/Longitude: 41.662544,-76.527883

Date	Time	Frac Start	Frac End	Shut-In	Drill-out Start	Drill-out End	Shut-In	Flowback Start	Hours of Flowback	Hours of Gas Recovered to Sales	Cumulative Gas to Sales MCF	Hours Flared	Hours Vented*	*Venting Reasons/ Deviations	Flowback End	Shut-In
5/3/2019		X														
5/29/2019			X	X												
6/9/2019					X											
6/12/2019						X	X									
6/28/2019	6:45 PM [1]							X	4	0	0					
6/29/2019									24	0	0					
6/30/2019									24	0	0					
7/1/2019	6:40 AM to Sep [2]								24	17	3,864					
7/2/2019									24	24	2,760					
7/3/2019									24	24	8,032					
7/4/2019									24	24	10,236					
8/1/2019															X	
								TOTALS:	**148**	**89**	**24,892**	**0**	**0**			

[1] Represents the time of the onset of flowback following hydraulic fracturing or refracturing.

[2] Represents the time that flowback was first directed to a separator and the time of the startup of production. The well did not return to the initial flowback stage after being directed to the separator.

Well Name: SGL-12 Hardy North 1H
County: Bradford

API Number: 37-015-23372
Township: Overton

Completions Contractor: Oil States
Latitude/Longitude: 41.593722, -76.660172

Date	Time	Frac Start	Frac End	Shut-In	Drill-out Start	Drill-out End	Shut-In	Flowback Start	Hours of Flowback	Hours of Gas Recovered to Sales	Cumulative Gas to Sales MCF	Hours Flared	Cumulative Gas Flared Mscf	Hours Vented*	*Venting Reasons/ Deviations	Flowback End	Shut-In
8/8/2018		X															
8/23/2018			X	X													
8/28/2018					X												
8/29/2018						X	X										
10/26/2018	8:00 AM [1] 5:00 PM to Sep [2]							X	16	8	978						
10/27/2018									24	24	5,787						
10/28/2018									24	24	8,598						
10/29/2018									24	24	10,538						
10/30/2018									24	24	10,790						
10/31/2018									24	24	11,464						
11/1/2018									24	24	11,763						
11/2/2018									19	15	7,760						
11/2/2018									1	1	141						
11/2/2018							X		0	0	0						
11/5/2018								X	5	0	0						
11/6/2018									24	23	1,978						
11/7/2018									24	24	5,565						
11/8/2018									24	24	8,291						
11/9/2018									24	24	11,326						
11/10/2018									24	24	13,318						
11/11/2018									24	24	14,517						
11/12/2018									13	13	7,885					X	
								TOTALS:	342	324	94,979	0	0	0			

[1] Represents the time of the onset of flowback following hydraulic fracturing or refracturing.

[2] Represents the time that flowback was first directed to a separator and the time of the startup of production. The well did not return to the initial flowback stage after being directed to the separator.

Well Name: SGL-12 Hardy SW 2H
County: Bradford

API Number: 37-015-23373-00-00
Township: Overton

Completions Contractor: Oil States
Latitude/Longitude: 41.593675, -76.660206

Date	Time	Frac Start	Frac End	Shut-In	Drill-out Start	Drill-out End	Shut-In	Flowback Start	Hours of Flowback	Hours of Gas Recovered to Sales	Cumulative Gas to Sales MCF	Hours Flared	Cumulative Gas Flared Mscf	Hours Vented*	*Venting Reasons/ Deviations	Flowback End	Shut-In
8/8/2018		X															
8/23/2018			X	X													
8/25/2018					X												
8/27/2018						X	X										
10/26/2018	5:00 PM to Sep [1,2]							X	9	9	987						
10/27/2018									24	24	7,577						
10/28/2018									24	24	8,991						
10/29/2018									24	24	11,139						
10/30/2018									24	24	13,190						
10/31/2018									24	24	15,078						
11/1/2018									24	24	16,573						
11/2/2018									24	24	16,349						
11/3/2018									24	24	15,633						
11/4/2018									24	24	17,821						
11/5/2018									24	24	19,036						
11/6/2018									24	24	19,616						
11/7/2018									24	24	20,141						
11/8/2018									18	18	15,954					X	
								TOTALS:	**315**	**315**	**198,085**	**0**	**0**	**0**			

[1] Represents the time of the onset of flowback following hydraulic fracturing or refracturing.

[2] Represents the time that flowback was first directed to a separator and the time of the startup of production. The well did not return to the initial flowback stage after being directed to the separator.

Well Name: SGL-12 K South 1H
County: Bradford

API Number: 37-015-23316
Township: Leroy

Completions Contractor: Oil States
Latitude/Longitude: 41.637956, -76.711953

Date	Time	Frac Start	Frac End	Shut-In	Drill-out Start	Drill-out End	Shut-In	Flowback Start	Hours of Flowback	Hours of Gas Recovered to Sales	Cumulative Gas to Sales MCF	Hours Flared	Cumulative Gas Flared Mscf	Hours Vented*	*Venting Reasons/ Deviations	Flowback End	Shut-In
4/8/2018		X															
4/19/2018			X	X													
7/22/2018					X												
7/24/2018						X	X										
11/11/2018	8:00 PM [1]							X	3	0	0						
11/12/2018	6:00 PM to Sep [2]								24	7	1,688						
11/13/2018									24	24	9,462						
11/14/2018									24	24	12,475						
11/15/2018									24	24	16,360						
11/16/2018									24	24	20,386						
11/17/2018									24	24	22,274						
11/18/2018									24	24	22,927						
11/19/2018									24	24	23,166						
11/20/2018									6	6	6,576					X	
								TOTALS:	**201**	**181**	**135,314**	**0**	**0**	**0**			

[1] Represents the time of the onset of flowback following hydraulic fracturing or refracturing.

[2] Represents the time that flowback was first directed to a separator and the time of the startup of production. The well did not return to the initial flowback stage after being directed to the separator.

Well Name: SGL-12 L North 4H
County: Bradford

API Number: 37-015-23400
Township: Leroy

Completions Contractor: Oil States
Latitude/Longitude: 41.654358, -76.693203

Date	Time	Frac Start	Frac End	Shut-In	Drill-out Start	Drill-out End	Shut-In	Hours of Flowback	Hours of Gas Recovered to Sales	Cumulative Gas to Sales MCF	Hours Flared	Cumulative Gas Flared Mscf	Hours Vented*	*Venting Reasons/ Deviations	Flowback End	Shut-In
3/22/2019		X														
4/3/2019			X													
4/3/2019				X												
4/23/2019					X											
4/26/2019						X	X									
5/1/2019	1:45 PM [1]							3	0	0						
5/1/2019	5:40 PM to Sep [2]							6	6	203						
5/2/2019								24	24	1,951						
5/3/2019								24	24	3,514						
5/4/2019								24	24	4,788						
5/5/2019								20	20	4,686						
5/5/2019								1	1	295						
5/5/2019								3	0	0						
5/6/2019								24	24	7,068						
5/7/2019								24	24	9,386						
5/8/2019								24	24	10,228						
							TOTALS:	**177**	**171**	**42,119**	**0**	**0**	**0**			

[1] Represents the time of the onset of flowback following hydraulic fracturing or refracturing.

[2] Represents the time that flowback was first directed to a separator and the time of the startup of production. The well did not return to the initial flowback stage after being directed to the separator.

Well Name: SGL-12 M North 1H
County: Bradford

API Number: 37-015-23401
Township: Leroy

Completions Contractor: Oil States
Latitude/Longitude: 41.654311, -76.693164

Date	Time	Frac Start	Frac End	Shut-In	Drill-out Start	Drill-out End	Shut-In	Hours of Flowback	Hours of Gas Recovered to Sales	Cumulative Gas to Sales MCF	Hours Flared	Cumulative Gas Flared Mscf	Hours Vented*	*Venting Reasons/ Deviations	Flowback End	Shut-In
4/4/2019		X														
4/18/2019			X													
4/18/2019				X												
4/23/2019					X											
4/25/2019						X	X									
5/1/2019	1:45 PM [1]							3	0	0						
5/1/2019	6:20 PM to Sep [2]							6	5	214						
5/2/2019								24	24	2,212						
5/3/2019								24	24	4,164						
5/4/2019								24	24	5,998						
5/5/2019								24	24	7,722						
5/6/2019								24	24	9,886						
5/7/2019								24	24	12,193						
5/8/2019								24	24	15,073						
							TOTALS:	**177**	**173**	**57,462**	**0**	**0**	**0**			

[1] Represents the time of the onset of flowback following hydraulic fracturing or refracturing.

[2] Represents the time that flowback was first directed to a separator and the time of the startup of production. The well did not return to the initial flowback stage after being directed to the separator.

Well Name: SGL-12 M North 2H
County: Bradford

API Number: 37-015-23402
Township: Leroy

Completions Contractor: Oil States
Latitude/Longitude: 41.654267, -76.693125

Date	Time	Frac Start	Frac End	Shut-In	Drill-out Start	Drill-out End	Shut-In	Hours of Flowback	Hours of Gas Recovered to Sales	Cumulative Gas to Sales MCF	Hours Flared	Cumulative Gas Flared Mscf	Hours Vented*	*Venting Reasons/ Deviations	Flowback End	Shut-In
4/4/2019		X														
4/19/2019			X													
4/19/2019				X												
4/26/2019					X											
4/29/2019						X	X									
5/1/2019	1:45 PM [1]							3	0	0						
5/1/2019	5:30 PM to Sep [2]							6	6	376						
5/2/2019								18	18	2,120						
5/2/2019								1	1	146						
5/2/2019								3	3	325						
5/3/2019								24	24	4,970						
5/4/2019								24	24	7,294						
5/5/2019								24	24	9,065						
5/6/2019								24	24	11,183						
5/7/2019								24	24	13,974						
5/8/2019								24	24	15,507						
							TOTALS:	**175**	**172**	**64,960**	**0**	**0**	**0**			

[1] Represents the time of the onset of flowback following hydraulic fracturing or refracturing.

[2] Represents the time that flowback was first directed to a separator and the time of the startup of production. The well did not return to the initial flowback stage after being directed to the separator.

Well Name: SGL-12 N East 1H
County: Bradford

API Number: 37-015-23408
Township: Leroy

Completions Contractor: Oil States
Latitude/Longitude: 41.660625, -76.678994

Date	Time	Frac Start	Frac End	Shut-In	Drill-out Start	Drill-out End	Shut-In	Hours of Flowback	Hours of Gas Recovered to Sales	Cumulative Gas to Sales MCF	Hours Flared	Cumulative Gas Flared Mscf	Hours Vented*	*Venting Reasons/ Deviations	Flowback End	Shut-In
1/14/2019		X														
2/15/2019			X													
2/15/2019				X												
3/3/2019					X											
3/6/2019						X	X									
3/10/2019	10:15 PM [1]							1	0	0						
3/11/2019	12:35 PM to Sep [2]							24	12	885						
3/12/2019								24	24	4,015						
3/13/2019								24	24	5,966						
3/14/2019								24	24	6,964						
3/15/2019								24	24	7,875						
3/16/2019								24	24	8,636						
3/17/2019								24	24	9,268						
							TOTALS:	**169**	**156**	**43,609**	**0**	**0**	**0**			

[1] Represents the time of the onset of flowback following hydraulic fracturing or refracturing.

[2] Represents the time that flowback was first directed to a separator and the time of the startup of production. The well did not return to the initial flowback stage after being directed to the separator.

Well Name: SGL-12 N East 2H
County: Bradford

API Number: 37-015-23409
Township: Leroy

Completions Contractor: Oil States
Latitude/Longitude: 41.660667, -76.678947

Date	Time	Frac Start	Frac End	Shut-In	Drill-out Start	Drill-out End	Shut-In	Hours of Flowback	Hours of Gas Recovered to Sales	Cumulative Gas to Sales MCF	Hours Flared	Cumulative Gas Flared Mscf	Hours Vented*	*Venting Reasons/ Deviations	Flowback End	Shut-In
1/14/2019		X														
2/13/2019			X													
2/13/2019				X												
3/6/2019					X											
3/9/2019						X	X									
3/10/2019	10:15 PM [1]							1	0	0						
3/11/2019	3:35 PM to Sep [2]							24	8	271						
3/12/2019								24	24	2,309						
3/13/2019								24	24	4,195						
3/14/2019								24	24	5,335						
3/15/2019								24	24	6,521						
3/16/2019								24	24	7,246						
3/17/2019								24	24	9,082						
							TOTALS:	**169**	**152**	**34,959**	**0**	**0**	**0**			

[1] Represents the time of the onset of flowback following hydraulic fracturing or refracturing.

[2] Represents the time that flowback was first directed to a separator and the time of the startup of production. The well did not return to the initial flowback stage after being directed to the separator.

Well Name: SGL-12 N West 1H
County: Bradford

API Number: 37-015-23403
Township: Leroy

Completions Contractor: Oil States
Latitude/Longitude: 41.654406, -76.693242

Date	Time	Frac Start	Frac End	Shut-In	Drill-out Start	Drill-out End	Shut-In	Hours of Flowback	Hours of Gas Recovered to Sales	Cumulative Gas to Sales MCF	Hours Flared	Cumulative Gas Flared Mscf	Hours Vented*	*Venting Reasons/ Deviations	Flowback End	Shut-In
3/22/2019		X														
4/1/2019			X													
4/1/2019				X												
4/26/2019					X											
4/28/2019						X	X									
5/1/2019	1:45 PM [1]							9	0	0						
5/2/2019	8:20 AM to Sep [2]							24	15	1,265						
5/3/2019								24	24	3,390						
5/4/2019								24	24	5,332						
5/5/2019								24	24	7,512						
5/6/2019								24	24	10,043						
5/7/2019								24	24	11,895						
5/8/2019								24	24	12,550						
							TOTALS:	**177**	**159**	**51,987**	**0**	**0**	**0**			

[1] Represents the time of the onset of flowback following hydraulic fracturing or refracturing.

[2] Represents the time that flowback was first directed to a separator and the time of the startup of production. The well did not return to the initial flowback stage after being directed to the separator.

Well Name: SGL-12 N West 2H
County: Bradford

API Number: 37-015-23398
Township: Leroy

Completions Contractor: Oil States
Latitude/Longitude: 41.660417, -76.679231

Date	Time	Frac Start	Frac End	Shut-In	Drill-out Start	Drill-out End	Shut-In	Hours of Flowback	Hours of Gas Recovered to Sales	Cumulative Gas to Sales MCF	Hours Flared	Cumulative Gas Flared Mscf	Hours Vented*	*Venting Reasons/ Deviations	Flowback End	Shut-In
1/14/2019		X														
2/14/2019			X													
2/14/2019				X												
3/2/2019					X											
3/5/2019						X	X									
4/1/2019	9:00 AM [1]							15	0	0						
4/2/2019								24	0	0						
4/3/2019	10:00 AM to Sep [2]							24	13	3,103						
4/4/2019								24	24	7,530						
4/5/2019								24	24	10,797						
4/6/2019								24	24	14,009						
4/7/2019								24	24	15,429						
							TOTALS:	**159**	**109**	**50,868**	**0**	**0**	**0**			

[1] Represents the time of the onset of flowback following hydraulic fracturing or refracturing.

[2] Represents the time that flowback was first directed to a separator and the time of the startup of production. The well did not return to the initial flowback stage after being directed to the separator.

Well Name: SGL-12 N West 3H
County: Bradford

API Number: 37-015-23399
Township: Leroy

Completions Contractor: Oil States
Latitude/Longitude: 41.660583, -76.679042

Date	Time	Frac Start	Frac End	Shut-In	Drill-out Start	Drill-out End	Shut-In	Hours of Flowback	Hours of Gas Recovered to Sales	Cumulative Gas to Sales MCF	Hours Flared	Cumulative Gas Flared Mscf	Hours Vented*	*Venting Reasons/ Deviations	Flowback End	Shut-In
1/14/2019		X														
2/14/2019			X													
2/14/2019				X												
2/27/2019					X											
3/2/2019						X	X									
3/10/2019	10:15 PM [1]							1	0	0						
3/11/2019	10:15 AM to Sep [2]							24	14	1,781						
3/12/2019								24	24	5,529						
3/13/2019								24	24	6,789						
3/14/2019								24	24	7,521						
3/15/2019								24	24	8,237						
3/16/2019								24	24	8,868						
3/17/2019								24	24	9,497						
							TOTALS:	**169**	**158**	**48,222**	**0**	**0**	**0**			

[1] Represents the time of the onset of flowback following hydraulic fracturing or refracturing.

[2] Represents the time that flowback was first directed to a separator and the time of the startup of production. The well did not return to the initial flowback stage after being directed to the separator.

Well Name: Wissler South 2H
County: Lycoming

API Number: 37-081-21724
Township: McNett

Completions Contractor: Oil States
Latitude/Longitude: 41.553333, -76.823817

Date	Time	Frac Start	Frac End	Shut-In	Drill-out Start	Drill-out End	Shut-In	Flowback Start	Hours of Flowback	Hours of Gas Recovered to Sales	Cumulative Gas to Sales MCF	Hours Flared	Cumulative Gas Flared Mscf	Hours Vented*	*Venting Reasons/ Deviations	Flowback End	Shut-In
8/27/2018		X															
9/10/2018			X	X													
9/15/2018					X												
9/17/2018						X	X										
9/20/2018	5:00 PM [1]							X	7	0	0						
9/21/2018	7:00 AM to Sep [2]								24	17	2,022						
9/22/2018									24	24	6,323						
9/23/2018									24	24	9,762						
9/24/2018									24	24	13,286						
9/25/2018									24	24	16,670						
9/26/2018									24	24	18,827						
9/27/2018									24	24	19,674						
9/28/2018									24	24	20,438						
9/29/2018									24	24	20,913						
9/30/2018									24	24	20,859						
10/1/2018									24	24	21,195						
10/2/2018									24	24	21,776						
10/3/2018									18	18	16,952					X	
							TOTALS:	**0**	**313**	**299**	**208,697**	**0**					

[1] Represents the time of the onset of flowback following hydraulic fracturing or refracturing.

[2] Represents the time that flowback was first directed to a separator and the time of the startup of production. The well did not return to the initial flowback stage after being directed to the separator.

Well Name: Wissler South 3H
County: Lycoming

API Number: 37-081-21725
Township: McNett

Completions Contractor: Oil States
Latitude/Longitude: 41.553306, -76.823856

Date	Time	Frac Start	Frac End	Shut-In	Drill-out Start	Drill-out End	Shut-In	Flowback Start	Hours of Flowback	Hours of Gas Recoverd to Sales	Hours Flared	Cumulative Gas Flared Mscf	Hours Vented*	*Venting Reasons/ Deviations	Flowback End	Shut-In
8/29/2018		X														
9/9/2018			X	X												
9/12/2018					X											
9/14/2018						X	X									
9/20/2018	5:00 PM [1]							X	7	0	0					
9/21/2018	11:00 AM to Sep [2]								24	12	535					
9/22/2018									24	24	2,249					
9/23/2018									24	24	5,438					
9/24/2018									24	24	8,722					
9/25/2018									24	24	12,802					
9/26/2018									24	24	15,864					
9/27/2018									24	24	17,853					
9/28/2018									18	18	13,625					
9/28/2018							X		0	0						
9/28/2018								X	6	6	3,350					
9/29/2018									24	24	18,962					
9/30/2018									24	24	19,451					
10/1/2018									24	24	20,114					
10/2/2018									24	24	20,542					
10/3/2018									18	18	16,286				X	
								TOTALS:	**313**	**294**	**175,793**	**0**	**0**			

[1] Represents the time of the onset of flowback following hydraulic fracturing or refracturing.

[2] Represents the time that flowback was first directed to a separator and the time of the startup of production. The well did not return to the initial flowback stage after being directed to the separator.