

United States Environmental Protection Agency



ANNUAL CLASS II DISPOSAL/INJECTION WELL MONITORING REPORT

Name, Address, Phone and/or Email of Permittee

Snyder Brothers Inc.
PO Box 1022, 1 Glade Park East
Kittanning, Pa.16201

State

Penna.

County

McKean

WELL TYPE

- Brine Disposal
- Enhanced Recovery
- Hydrocarbon Storage

Locate well in two directions from nearest lines of quarter section and drilling unit

Surface Location

1/4 of 1/4 of Section Township Range

ft. from (N/S) Line of quarter section

ft. from (E/W) Line of quarter section.

Latitude 41.85417

Longitude 78.66639

Permit or EPA ID Number PAS2R301AMCK

API Number 37-083-26675

Full Well Name Big Shanty #8

INJECTION PRESSURE

TOTAL VOLUME INJECTED

TUBING -- CASING ANNULUS PRESSURE (IF SPECIFIED IN PERMIT)

MONTH, YEAR	MAXIMUM PSIG	BBL	MCF	MAXIMUM PSIG
January-2019	850	30		
February-2019	560	8		
March-2019	520	25		
April-2019	640	25		
May-2019	700	44		
June-2019	680	64		
July-2019	550	70		
August-2019	500	7		
September-2019	750	61		
October-2019	850	42		
November-2019	880	63		
December-2019	850	shut in		

Certification

I certify under the penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. (Ref. 40 CFR § 144.32)

Name and Official Title (Please type or print)

Bryan K. Snyder Vice president

Signature

Date Signed

1/21/20

United States Environmental Protection Agency



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State Penna.	County McKean
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WELL TYPE <input type="checkbox"/> Brine Disposal <input checked="" type="checkbox"/> Enhanced Recovery <input type="checkbox"/> Hydrocarbon Storage	Locate well in two directions from nearest lines of quarter section and drilling unit Surface Location <table style="width: 100%; border: none;"> <tr> <td style="border: none;">[]</td> <td style="border: none;">1/4 of</td> <td style="border: none;">[]</td> <td style="border: none;">1/4 of Section</td> <td style="border: none;">[]</td> <td style="border: none;">Township</td> <td style="border: none;">[]</td> <td style="border: none;">Range</td> <td style="border: none;">[]</td> </tr> <tr> <td style="border: none;">[]</td> <td style="border: none;">ft. from (N/S)</td> <td style="border: none;">[]</td> <td style="border: none;">Line of quarter section</td> <td colspan="5" style="border: none;"></td> </tr> <tr> <td style="border: none;">[]</td> <td style="border: none;">ft. from (E/W)</td> <td style="border: none;">[]</td> <td style="border: none;">Line of quarter section.</td> <td colspan="5" style="border: none;"></td> </tr> </table> Latitude <input type="text" value="41.85611"/> Longitude <input type="text" value="78.66694"/>	[]	1/4 of	[]	1/4 of Section	[]	Township	[]	Range	[]	[]	ft. from (N/S)	[]	Line of quarter section						[]	ft. from (E/W)	[]	Line of quarter section.					
[]	1/4 of	[]	1/4 of Section	[]	Township	[]	Range	[]																				
[]	ft. from (N/S)	[]	Line of quarter section																									
[]	ft. from (E/W)	[]	Line of quarter section.																									

Permit or EPA ID Number <input type="text" value="PAS2R301AMCK"/>	API Number <input type="text" value="37-083-27715"/>	Full Well Name <input type="text" value="Big Shanty #11"/>
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MONTH, YEAR	INJECTION PRESSURE	TOTAL VOLUME INJECTED		TUBING -- CASING ANNULUS PRESSURE (IF SPECIFIED IN PERMIT)
	MAXIMUM PSIG	BBL	MCF	MAXIMUM PSIG
January-2019	850	33		
February-2019	560	9		
March-2019	520	28		
April-2019	640	28		
May-2019	700	51		
June-2019	680	74		
July-2019	550	80		
August-2019	500	8		
September-2019	750	70		
October-2019	850	49		
November-2019	880	72		
December-2019	850	87		

Certification

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Name and Official Title <i>(Please type or print)</i> Bryan K. Snyder Vice president	Signature 	Date Signed 1/21/20
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State

Penna.

County

McKean

WELL TYPE

- Brine Disposal
- Enhanced Recovery
- Hydrocarbon Storage

Locate well in two directions from nearest lines of quarter section and drilling unit

Surface Location

1/4 of 1/4 of Section Township Range

ft. from (N/S) Line of quarter section

ft. from (E/W) Line of quarter section.

Latitude 41.85611

Longitude 78.66361

Permit or EPA ID Number PAS2R301AMCK

API Number 37-083-27727

Full Well Name Big Shanty W-12

MONTH, YEAR	INJECTION PRESSURE	TOTAL VOLUME INJECTED		TUBING -- CASING ANNULUS PRESSURE (IF SPECIFIED IN PERMIT)
	MAXIMUM PSIG	BBL	MCF	MAXIMUM PSIG
January-2019	850	41		
February-2019	560	12		
March-2019	520	35		
April-2019	640	36		
May-2019	700	64		
June-2019	680	92		
July-2019	550	100		
August-2019	500	10		
September-2019	750	88		
October-2019	850	61		
November-2019	880	90		
December-2019	850	108		

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WELL TYPE

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- Hydrocarbon Storage

Locate well in two directions from nearest lines of quarter section and drilling unit

Surface Location

1/4 of 1/4 of Section Township Range

ft. from (N/S) Line of quarter section

ft. from (E/W) Line of quarter section.

Latitude 41.85611

Longitude 78.66000

Permit or EPA ID Number PAS2R301AMCK

API Number 37-083-26678

Full Well Name Big Shanty W-16

MONTH, YEAR	INJECTION PRESSURE	TOTAL VOLUME INJECTED		TUBING -- CASING ANNULUS PRESSURE (IF SPECIFIED IN PERMIT)
	MAXIMUM PSIG	BBL	MCF	MAXIMUM PSIG
January-2019	850	83		
February-2019	560	23		
March-2019	520	70		
April-2019	640	72		
May-2019	700	128		
June-2019	680	184		
July-2019	550	201		
August-2019	500	20		
September-2019	750	176		
October-2019	850	122		
November-2019	880	180		
December-2019	850	217		

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Kittanning, Pa.16201

State

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County

McKean

WELL TYPE

- Brine Disposal
- Enhanced Recovery
- Hydrocarbon Storage

Locate well in two directions from nearest lines of quarter section and drilling unit

Surface Location

1/4 of 1/4 of Section Township Range

ft. from (N/S) Line of quarter section

ft. from (E/W) Line of quarter section.

Latitude 41.85333

Longitude 78.65944

Permit or EPA ID Number PAS2R301AMCK

API Number 37-083-26684

Full Well Name Big Shanty W-35

INJECTION PRESSURE

TOTAL VOLUME INJECTED

TUBING -- CASING
ANNULUS PRESSURE
(IF SPECIFIED IN PERMIT)

MONTH, YEAR	MAXIMUM PSIG	BBL	MCF	MAXIMUM PSIG
January-2019	850	50		
February-2019	560	14		
March-2019	520	42		
April-2019	640	43		
May-2019	700	77		
June-2019	680	110		
July-2019	550	121		
August-2019	500	12		
September-2019	750	105		
October-2019	850	74		
November-2019	880	108		
December-2019	850	131		

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County

McKean

WELL TYPE

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- Enhanced Recovery
- Hydrocarbon Storage

Locate well in two directions from nearest lines of quarter section and drilling unit

Surface Location

1/4 of 1/4 of Section Township Range

ft. from (N/S) Line of quarter section

ft. from (E/W) Line of quarter section.

Latitude 41.85694

Longitude 78.66056

Permit or EPA ID Number PAS2R301AMCK

API Number 37-083-28130

Full Well Name Big Shanty #76

INJECTION PRESSURE

TOTAL VOLUME INJECTED

TUBING -- CASING
ANNULUS PRESSURE
(IF SPECIFIED IN PERMIT)

MONTH, YEAR	MAXIMUM PSIG	BBL	MCF	MAXIMUM PSIG
January-2019	850	82		
February-2019	560	23		
March-2019	520	70		
April-2019	640	71		
May-2019	700	128		
June-2019	680	184		
July-2019	550	201		
August-2019	500	20		
September-2019	750	176		
October-2019	850	122		
November-2019	880	180		
December-2019	850	217		

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- Hydrocarbon Storage

Locate well in two directions from nearest lines of quarter section and drilling unit

Surface Location

1/4 of 1/4 of Section Township Range

ft. from (N/S) Line of quarter section

ft. from (E/W) Line of quarter section.

Latitude 41.85500

Longitude 78.65583

Permit or EPA ID Number PAS2R301AMCK

API Number 37-083-26682

Full Well Name Big Shanty #91

INJECTION PRESSURE

TOTAL VOLUME INJECTED

TUBING -- CASING
ANNULUS PRESSURE
(IF SPECIFIED IN PERMIT)

MONTH, YEAR	MAXIMUM PSIG	BBL	MCF	MAXIMUM PSIG
January-2019	850	41		
February-2019	560	11		
March-2019	520	35		
April-2019	640	35		
May-2019	700	64		
June-2019	680	92		
July-2019	550	101		
August-2019	500	10		
September-2019	750	88		
October-2019	850	61		
November-2019	880	90		
December-2019	850	109		

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State

Penna.

County

McKean

WELL TYPE

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- Enhanced Recovery
- Hydrocarbon Storage

Locate well in two directions from nearest lines of quarter section and drilling unit

Surface Location

1/4 of 1/4 of Section Township Range

ft. from (N/S) Line of quarter section

ft. from (E/W) Line of quarter section.

Latitude 41.85389

Longitude 78.65583

Permit or EPA ID Number PAS2R301AMCK

API Number 37-083-26683

Full Well Name Big Shanty #93

INJECTION PRESSURE

TOTAL VOLUME INJECTED

**TUBING -- CASING
 ANNULUS PRESSURE
 (IF SPECIFIED IN PERMIT)**

MONTH, YEAR	MAXIMUM PSIG	BBL	MCF	MAXIMUM PSIG
January-2019	850	54		
February-2019	560	Shut in		
March-2019	520	46		
April-2019	640	47		
May-2019	700	83		
June-2019	680	119		
July-2019	550	131		
August-2019	500	13		
September-2019	750	114		
October-2019	850	80		
November-2019	880	117		
December-2019	850	141		

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Signature

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1/21/20