



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

ANNUAL DISPOSAL/INJECTION WELL MONITORING REPORT

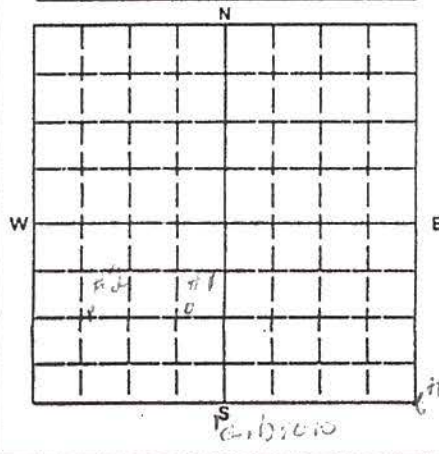
NAME AND ADDRESS OF EXISTING PERMITTEE

Terra-Terra Oil Production
218 Emrick Dr.
Seneca, PA 16346

NAME AND ADDRESS OF SURFACE OWNER

Seneca

LOCATE WELL AND OUTLINE UNIT ON SECTION PLAT — 640 ACRES



STATE PA	COUNTY Westmoreland	PERMIT NUMBER PA 52 R 985 A 000
SURFACE LOCATION DESCRIPTION		
¼ OF	¼ OF	¼ SECTION
		TOWNSHIP Oakland
		RANGE
LOCATE WELL IN TWO DIRECTIONS FROM NEAREST LINES OF QUARTER SECTION AND DRILLING UNIT		
Surface 300 FT FROM G103E D		
Location _____ ft. from (N/S) _____ Line of quarter section		
and _____ ft. from (E/W) _____ Line of quarter section		
WELL ACTIVITY		TYPE OF PERMIT
<input type="checkbox"/> Brine Disposal <input type="checkbox"/> Enhanced Recovery <input type="checkbox"/> Hydrocarbon Storage <input checked="" type="checkbox"/> Natural gas		<input checked="" type="checkbox"/> Individual <input type="checkbox"/> Area Number of Wells 2
Lease Name Seneca		Well Number 1

Monitoring well head
Injection
Natural gas

MONTH	YEAR	INJECTION PRESSURE		TOTAL VOLUME INJECTED		TUBING — CASING ANNULUS PRESSURE (OPTIONAL MONITORING)	
		AVERAGE PSIG	MAXIMUM PSIG	BBL	MCF	MINIMUM PSIG	MAXIMUM PSIG
Jan		120	120		264,000		
Feb							
Mar							
April							
May							
June							
July							
Aug							
Sept							
Oct							
Nov							
Dec							

Office of Drinking Water & Source Water Protection
JAN 23 2019
5WP20 21 22

RECEIVED
EPA REGION III
JAN 23 2019
GROUND WATER & ENFORCEMENT
(3VVP23)

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) Ronald M Terra	SIGNATURE <i>Ronald M Terra</i>	DATE SIGNED 01-18-2019
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~~THE TOTAL~~ a cumulative volume 1,080,000
Compliance Review Completed on



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ANNUAL DISPOSAL/INJECTION WELL MONITORING REPORT

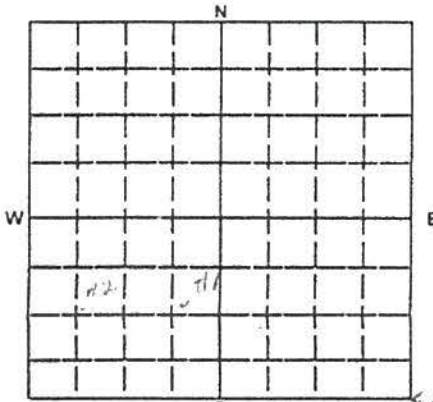
NAME AND ADDRESS OF EXISTING PERMITTEE

Tarr & Tarr Oil Production
218 Emrick Dr.
Seneca, PA 16346

NAME AND ADDRESS OF SURFACE OWNER

SAME

LOCATE WELL AND OUTLINE UNIT ON SECTION PLAT - 640 ACRES



STATE

PA

COUNTY

Westmoreland

PERMIT NUMBER

PA 52R985 Area

SURFACE LOCATION DESCRIPTION

1/4 OF

1/4 OF

1/4 SECTION

TOWNSHIP

RANGE

LOCATE WELL IN TWO DIRECTIONS FROM NEAREST LINES OF QUARTER SECTION AND DRILLING UNIT

Surface 500 ft. from road 500 ft. from road

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

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

WELL ACTIVITY

TYPE OF PERMIT

- Brine Disposal
- Enhanced Recovery
- Hydrocarbon Storage

- Individual
- Area

Number of Wells 2

Lease Name Mandler

Well Number 2

Monitoring

well head

Injection

Natural Gas

INJECTION PRESSURE

TOTAL VOLUME INJECTED

TUBING - CASING ANNULUS PRESSURE (OPTIONAL MONITORING)

MONTH	YEAR	AVERAGE PSIG	MAXIMUM PSIG	BBL	MCF	MINIMUM PSIG	MAXIMUM PSIG
Jan		175	175		216,000		
Feb							
March							
April							
May							
June							
July							
Aug							
Sept							
Oct							
Nov							
Dec							

Office of Drinking Water & Source Water Protection
JAN 23 2019
2019

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NAME AND OFFICIAL TITLE (Please type or print)

Ronald M Tarr

SIGNATURE

Ronald M Tarr

DATE SIGNED

01-18-2019