



February 18, 2022

PGC ID Number: 202202140301

Ms. Cary Kuminecz
StratResources Geologic Consulting, PLLC
4862 Harmony Way
Hamburg, NY 14075
stratresourcesgeo@gmail.com

PNDI Receipt File: *project_receipt_clara_20_class_ii_uic_wel_750961_FINAL_1.pdf*

Re: Clara 20 Class II – UIC Well

Clara and Pleasant Valley Townships; Potter County, Pennsylvania

Dear Ms. Kuminecz,

Thank you for submitting Pennsylvania Natural Diversity Inventory (PNDI) Environmental Review Receipt *project_receipt_clara_20_class_ii_uic_wel_750961_FINAL_1.pdf* for review. The Pennsylvania Game Commission (PGC) screened this project for potential impacts to species and resources of concern under PGC responsibility, which includes birds and mammals only.

No Impact Anticipated

PNDI records indicate species or resources of concern are located within the vicinity of the project. However, based on the information you submitted concerning the nature of the project, the immediate location, and our detailed resource information, the PGC has determined that no impact is likely. Therefore, no further coordination with the PGC will be necessary for this project at this time.

This response represents the most up-to-date summary of the PNDI data files and is valid for two (2) years from the date of this letter. An absence of recorded information does not necessarily imply actual conditions on site. Should project plans change or additional information on listed or proposed species become available, this determination may be reconsidered.

Should the proposed work continue beyond the period covered by this letter, please resubmit the project to this agency as an "Update" (including an updated PNDI receipt, project narrative and accurate map). If the proposed work has not changed and no additional information concerning listed species is found, the project will be cleared for PNDI requirements under this agency for two additional years.

This finding applies to impacts to birds and mammals only. To complete your review of state and federally-listed threatened and endangered species and species of special concern, please be sure that the U.S. Fish and Wildlife Service, the PA Department of Conservation and Natural Resources, and/or the PA Fish and Boat Commission have been contacted regarding this project as directed by the online PNDI ER Tool found at www.naturalheritage.state.pa.us.

Please be sure to include the above-referenced PGC ID Number on any future correspondence with the PGC regarding this project.

Sincerely,



Halie Parker
Wildlife Biologist / Environmental Review
Bureau of Wildlife Management
Phone: 717-874-4250, Extension 73421
Fax: 717-787-6957
E-mail: halparker@pa.gov

A PNHP Partner



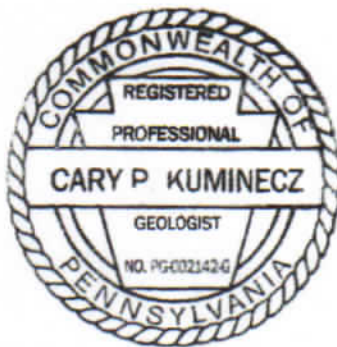
Pennsylvania Natural Heritage Program

HAP/hap

Pennsylvania Department of Conservation & Natural Resources
PNDI Project (Search ID: PNDI-750961)
Project Narrative & Map

Submitted for
Roulette Oil & Gas Co, LLC
Clara Field #20 Well Conversion from Production to Class II-D Well
API Number: 37-105-21374-00-00
Clara Township, Potter Co., PA

To
Pennsylvania Game Commission



Cary P. Kuminecz

Prepared by:
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4862 Harmony Way
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Project Narrative:

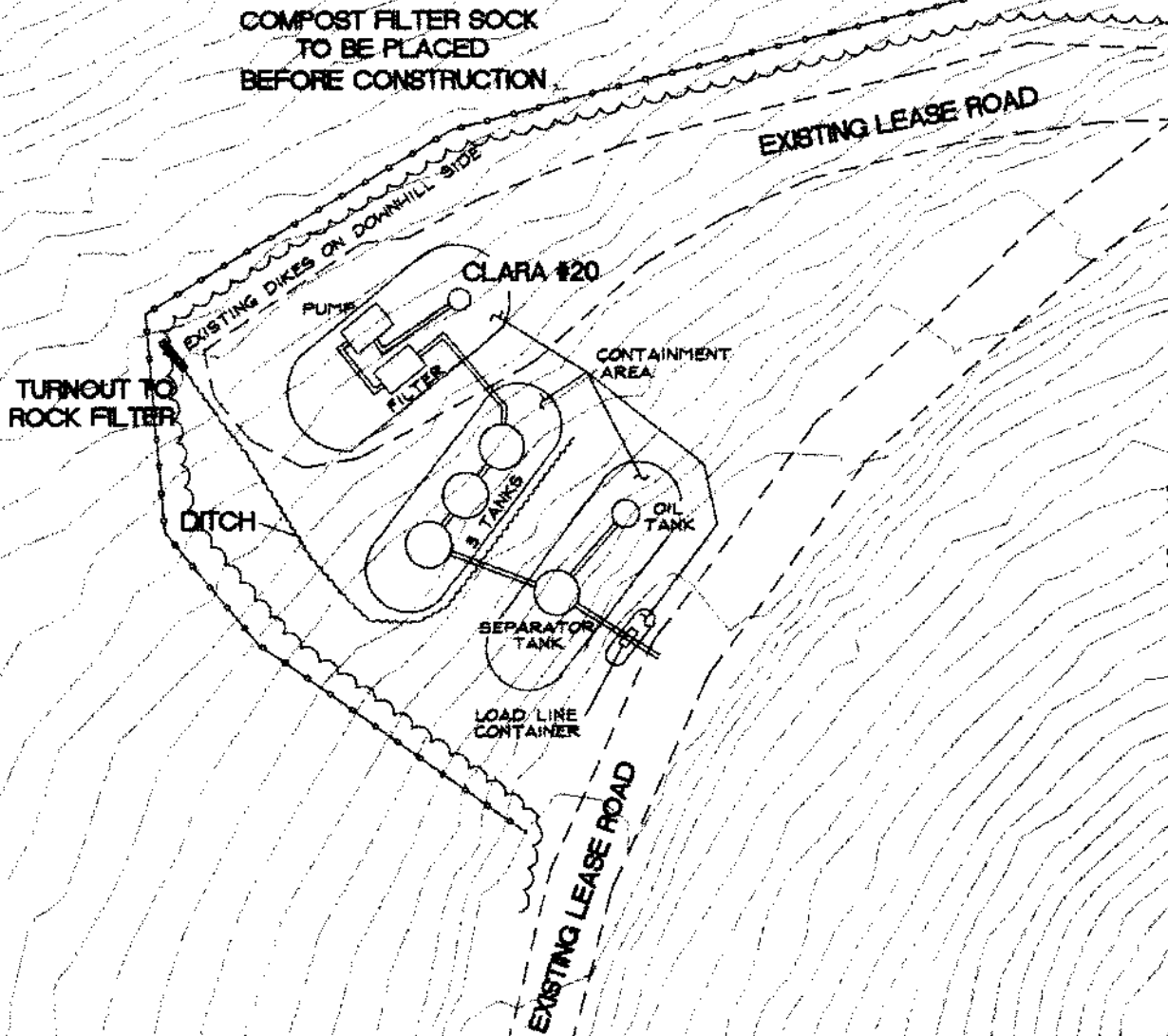
Roulette Oil & Gas Co, LLC located in Shinglehouse, Pennsylvania was granted a Final Permit (PAS2D050BPOT) from the EPA (effective January 14, 2022) to convert a gas production well to a Class II-D UIC well.

The surface owner of the property is Lyme Emporium Highlands II, LLC, whose parent company is The Lyme Timber Company, LP. The well in question is the Clara #20 (API NO. 37-105-21374-00-00) located in Clara Township of Potter County, Pennsylvania at the coordinates 41.894586 and -78.148143 (NAD83). The existing well was drilled and completed on August 21, 2008 by North Coast Energy. Subsequently, Roulette Oil & Gas Co, LLC acquired the mineral lease and has been producing the well. Once a permit is granted from the Pennsylvania Department of Environmental Protection, the Clara #20 well will be converted to an Injection-Disposal well. The well will take produced brine from approximately 60 conventional wells on the Clara #20 lease as well as another approximately 50 conventional wells operated by Roulette Oil & Gas Co, LLC in nearby leases.

The total depth of the Clara #20 well is 2,310 feet. The injection zones are Upper Devonian sandstones of the Bradford Group. There are three injection horizons with the top of the injection zones being at 1,486 feet in the well and the base at 1,833 feet. Seven-inch surface casing was set at 501 feet in the Clara #20 and the deepest fresh water encountered was at 340 feet. To convert the well to an injection disposal well, 4.5 inch steel casing will be run to a depth of approximately 1460 feet in the well and cemented back to the surface

Based on the USGS 7.5" Shinglehouse Quadrangle map, there are no wetlands within the 1.25 mile radius of the Clara #20 well. There are dirt lease roads in the area and on the well site. The surface has been clear cut of trees by the surface owner. Roulette Oil and Gas Co, LLC plans to use the existing wellsite for its operations. There is a tank battery in the vicinity of the well to hold brine prior to injection and new plastic liners will be installed under all the tanks. Maps showing wellsite, nearby natural gas wells, water wells (and spring), surface facilities, and natural features with topography are attached.

NOTE: THIS PROJECT IS INTENDED FOR UPGRADES TO AN EXISTING SITE.



NOTE: 2' CONTOURS FROM PASDA LIDAR

Thursday, July 28, 2022, 1:56pm EST \\Lang-survey\WLANG\1\SharedData\Users\John\JOBS\03246 CLARIDIAN SP\03246 STATE PLAN.dwg

ANDREW S. ROSENBERGER
 REGISTERED LAND SURVEYOR
 PENNSYLVANIA AND NEW YORK

LANG SURVEYING LLC

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 BRADFORD, PA. 16701
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BOUNDARY, SUBDIVISION
 TOPOGRAPHIC, OIL & GAS
 WELL SURVEYS

DRAWING TITLE:
**E&S PLAN
 CLARA #20**

CLIENT:
**ROULETTE OIL & GAS
 CLARA TWP POTTER COUNTY
 PENNSYLVANIA**

DRAWN BY: ASR	DATE: 1/31/22
CHKD. BY:	DATE:
APPD. BY:	DATE:
SCALE: 1" = 40'	
ISSUE DATE:	PROJECT #: 03246 D
DRAWING NUMBER:	05624 ES

1. PROJECT INFORMATION

Project Name: **Clara 20 Class II-@ UIC Well**

Date of Review: **2/14/2022 05:26:00 PM**

Project Category: **Energy Storage, Production, and Transfer, Energy Production (generation), Other**

Project Area: **155.56 acres**

County(s): **Potter**

Township/Municipality(s): **CLARA TOWNSHIP; PLEASANT VALLEY TOWNSHIP**

ZIP Code:

Quadrangle Name(s): **SHINGLEHOUSE**

Watersheds HUC 8: **Upper Allegheny**

Watersheds HUC 12: **Bell Run; Clara Creek-Oswayo Creek; Outlet Oswayo Creek**

Decimal Degrees: **41.894368, -78.148921**

Degrees Minutes Seconds: **41° 53' 39.7233" N, 78° 8' 56.1156" W**

2. SEARCH RESULTS

Agency	Results	Response
PA Game Commission	Potential Impact	FURTHER REVIEW IS REQUIRED, See Agency Response
PA Department of Conservation and Natural Resources	No Known Impact	No Further Review Required
PA Fish and Boat Commission	No Known Impact	No Further Review Required
U.S. Fish and Wildlife Service	No Known Impact	No Further Review Required

As summarized above, Pennsylvania Natural Diversity Inventory (PNDI) records indicate there may be potential impacts to threatened and endangered and/or special concern species and resources within the project area. If the response above indicates "No Further Review Required" no additional communication with the respective agency is required. If the response is "Further Review Required" or "See Agency Response," refer to the appropriate agency comments below. Please see the DEP Information Section of this receipt if a PA Department of Environmental Protection Permit is required.

Clara 20 Class II-@ UIC Well

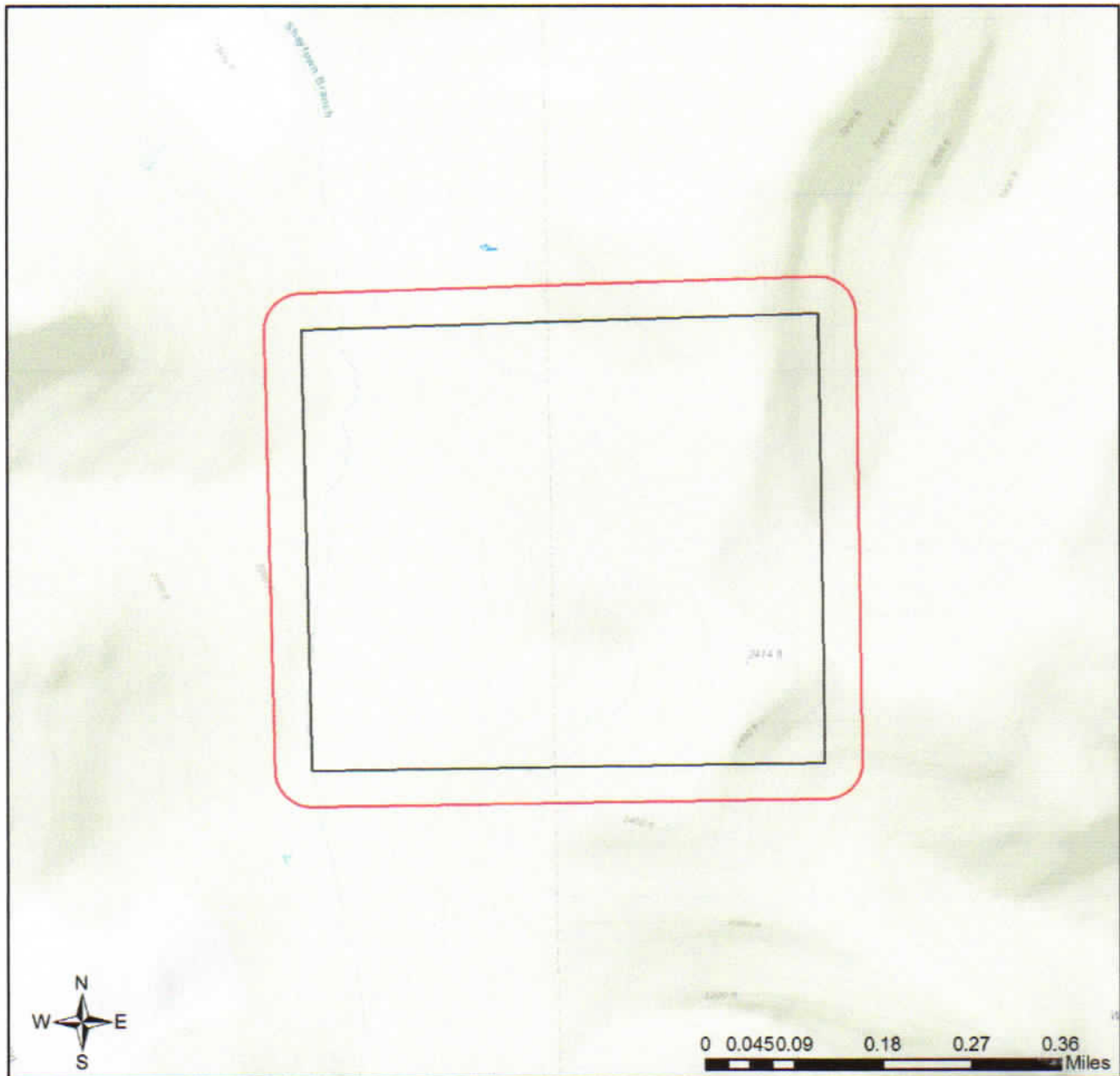


- Project Boundary
- Buffered Project Boundary



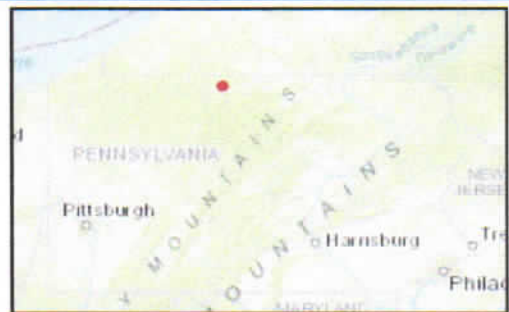
Service Layer Credits: Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community
Esri, HERE, Garmin, (c) OpenStreetMap contributors, and the GIS user community
Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China

Clara 20 Class II-@ UIC Well



- Project Boundary
- Buffered Project Boundary

Service Layer Credits: Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community



3. AGENCY COMMENTS

Regardless of whether a DEP permit is necessary for this proposed project, any potential impacts to threatened and endangered species and/or special concern species and resources must be resolved with the appropriate jurisdictional agency. In some cases, a permit or authorization from the jurisdictional agency may be needed if adverse impacts to these species and habitats cannot be avoided.

These agency determinations and responses are **valid for two years** (from the date of the review), and are based on the project information that was provided, including the exact project location; the project type, description, and features; and any responses to questions that were generated during this search. If any of the following change: 1) project location, 2) project size or configuration, 3) project type, or 4) responses to the questions that were asked during the online review, the results of this review are not valid, and the review must be searched again via the PNDI Environmental Review Tool and resubmitted to the jurisdictional agencies. The PNDI tool is a primary screening tool, and a desktop review may reveal more or fewer impacts than what is listed on this PNDI receipt. The jurisdictional agencies **strongly advise against** conducting surveys for the species listed on the receipt prior to consultation with the agencies.

PA Game Commission

RESPONSE:

Further review of this project is necessary to resolve the potential impact(s). Please send project information to this agency for review (see WHAT TO SEND).

PGC Species: (Note: The Pennsylvania Conservation Explorer tool is a primary screening tool, and a desktop review may reveal more or fewer species than what is listed below.)

Scientific Name	Common Name	Current Status
Sensitive Species**		Endangered

PA Department of Conservation and Natural Resources

RESPONSE:

No Impact is anticipated to threatened and endangered species and/or special concern species and resources.

PA Fish and Boat Commission

RESPONSE:

No Impact is anticipated to threatened and endangered species and/or special concern species and resources.

U.S. Fish and Wildlife Service

RESPONSE:

No impacts to **federally** listed or proposed species are anticipated. Therefore, no further consultation/coordination under the Endangered Species Act (87 Stat. 884, as amended; 16 U.S.C. 1531 et seq. is required. Because no take of federally listed species is anticipated, none is authorized. This response does not reflect potential Fish and Wildlife Service concerns under the Fish and Wildlife Coordination Act or other authorities.

* Special Concern Species or Resource - Plant or animal species classified as rare, tentatively undetermined or candidate as well as other taxa of conservation concern, significant natural communities, special concern populations (plants or animals) and unique geologic features.

** Sensitive Species - Species identified by the jurisdictional agency as collectible, having economic value, or being susceptible to decline as a result of visitation.

WHAT TO SEND TO JURISDICTIONAL AGENCIES

If project information was requested by one or more of the agencies above, upload* or email the following information to the agency(s) (see AGENCY CONTACT INFORMATION). Instructions for uploading project materials can be found [here](#). This option provides the applicant with the convenience of sending project materials to a single location accessible to all three state agencies (but not USFWS).

*If information was requested by USFWS, applicants must email, or mail, project information to IR1_ESPenn@fws.gov to initiate a review. USFWS will not accept uploaded project materials.

Check-list of Minimum Materials to be submitted:

Project narrative with a description of the overall project, the work to be performed, current physical characteristics of the site and acreage to be impacted.

A map with the project boundary and/or a basic site plan (particularly showing the relationship of the project to the physical features such as wetlands, streams, ponds, rock outcrops, etc.)

In addition to the materials listed above, USFWS REQUIRES the following

SIGNED copy of a Final Project Environmental Review Receipt

The inclusion of the following information may expedite the review process.

Color photos keyed to the basic site plan (i.e. showing on the site plan where and in what direction each photo was taken and the date of the photos)

Information about the presence and location of wetlands in the project area, and how this was determined (e.g., by a qualified wetlands biologist), if wetlands are present in the project area, provide project plans showing the location of all project features, as well as wetlands and streams.

4. DEP INFORMATION

The Pa Department of Environmental Protection (DEP) requires that a signed copy of this receipt, along with any required documentation from jurisdictional agencies concerning resolution of potential impacts, be submitted with applications for permits requiring PNDI review. Two review options are available to permit applicants for handling PNDI coordination in conjunction with DEP's permit review process involving either T&E Species or species of special concern. Under sequential review, the permit applicant performs a PNDI screening and completes all coordination with the appropriate jurisdictional agencies prior to submitting the permit application. The applicant will include with its application, both a PNDI receipt and/or a clearance letter from the jurisdictional agency if the PNDI Receipt shows a Potential Impact to a species or the applicant chooses to obtain letters directly from the jurisdictional agencies. Under concurrent review, DEP, where feasible, will allow technical review of the permit to occur concurrently with the T&E species consultation with the jurisdictional agency. The applicant must still supply a copy of the PNDI Receipt with its permit application. The PNDI Receipt should also be submitted to the appropriate agency according to directions on the PNDI Receipt. The applicant and the jurisdictional agency will work together to resolve the potential impact(s). See the DEP PNDI policy at <https://conservationexplorer.dcnr.pa.gov/content/resources>.

5. ADDITIONAL INFORMATION

The PNDI environmental review website is a preliminary screening tool. There are often delays in updating species status classifications. Because the proposed status represents the best available information regarding the conservation status of the species, state jurisdictional agency staff give the proposed statuses at least the same consideration as the current legal status. If surveys or further information reveal that a threatened and endangered and/or special concern species and resources exist in your project area, contact the appropriate jurisdictional agency/agencies immediately to identify and resolve any impacts.

For a list of species known to occur in the county where your project is located, please see the species lists by county found on the PA Natural Heritage Program (PNHP) home page (www.naturalheritage.state.pa.us). Also note that the PNDI Environmental Review Tool only contains information about species occurrences that have actually been reported to the PNHP.

6. AGENCY CONTACT INFORMATION

PA Department of Conservation and Natural Resources
Bureau of Forestry, Ecological Services Section
400 Market Street, PO Box 8552
Harrisburg, PA 17105-8552
Email: RA-HeritageReview@pa.gov

U.S. Fish and Wildlife Service
Pennsylvania Field Office
Endangered Species Section
110 Radnor Rd; Suite 101
State College, PA 16801
Email: IR1_ESPenn@fws.gov
NO Faxes Please

PA Fish and Boat Commission
Division of Environmental Services
595 E. Rolling Ridge Dr., Bellefonte, PA 16823
Email: RA-FBPACENOTIFY@pa.gov

PA Game Commission
Bureau of Wildlife Habitat Management
Division of Environmental Planning and Habitat Protection
2001 Elmerton Avenue, Harrisburg, PA 17110-9797
Email: RA-PGC_PNDI@pa.gov
NO Faxes Please

7. PROJECT CONTACT INFORMATION

Name: James W. Reynolds
Company/Business Name: Roulette Oil + Gas Co. LLC
Address: 1034 RT 44 N.
City, State, Zip: Shinglehouse, PA. 16748
Phone: (814) 697-7391 Fax: ()
Email: jrgasmanpa@yahoo.com

8. CERTIFICATION

I certify that ALL of the project information contained in this receipt (including project location, project size/configuration, project type, answers to questions) is true, accurate and complete. In addition, if the project type, location, size or configuration changes, or if the answers to any questions that were asked during this online review change, I agree to re-do the online environmental review.


applicant/project proponent signature

MAY 27, 2022
date