



SUSQUEHANNA RIVER BASIN COMMISSION

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www.srbc.net

APPROVAL BY RULE 18 CFR § 806.22(f) FOR CONSUMPTIVE WATER USE RELATED TO NATURAL GAS WELL DEVELOPMENT

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| A. Project Sponsor: SWN Production Company, LLC 10000 Energy Drive Spring, TX 77389 Attn: Toni Showan B. NOI Number: <u>2017-0045</u> C. Project Approval: <u>ABR-201205012.R1</u> | D. Project Location Information: Drilling Pad Name: <u>O'Brien Pad</u> Municipality: <u>Jackson Township</u> County: <u>Susquehanna County</u> State: <u>Pennsylvania</u> |
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AUTHORIZATION

This Approval authorizes the Project Sponsor to consumptively use water of up to 4.9990 million gallons per day (based on a 30-day average limit) from sources approved for use by the Project Sponsor for natural gas well development. Approved sources for the Project Sponsor are managed as a dynamic component of this Approval and are listed at www.srbc.net. Sources may be added or removed subject to Commission review, and the Project Sponsor may only consumptively use approved sources of water.

The Project Sponsor shall comply with consumptive water use mitigation requirements in accordance with 18 CFR § 806.22(b) by the payment of consumptive use mitigation fees in accordance with the Commission's Regulatory Program Fee Schedule. The amount of the consumptive use mitigation fee, upon notice to Project Sponsors using this method of compliance, is subject to change at the discretion of the Commission.

You are hereby authorized to consumptively use water, as indicated above, in compliance with 18 CFR Parts 801, 806, and 808, and subject to the terms and conditions of this approval.

The Notice of Intent referenced above, and all plans, specifications, and documents submitted by the Project Sponsor in support thereof are incorporated herein by reference and are a part of this Approval.

This Approval is issued by the Executive Director pursuant to the authority set forth in 18 CFR § 806.22(f).

This Approval is subject to the conditions attached hereto and incorporated herein by reference.

APPROVAL ISSUED:

Date: March 7, 2017

SUSQUEHANNA RIVER BASIN COMMISSION

~~APPROVAL EXPIRES:~~

~~Date: May 24, 2022~~

By: _____

Andrew D. Dehoff, Executive Director

THIS APPROVAL WAS EXTENDED BY RESOLUTION 2019-04.

APPROVAL EXPIRES:

DATE: MAY 24, 2024

CONDITIONS

1. Commission approval confers no property rights to the project sponsor. The securing of all rights necessary and incident to the project sponsor's development and operation of the project shall be the sole and exclusive responsibility of the project sponsor, and this approval shall be subject thereto.
2. Commission approval shall not be construed to exempt the project sponsor from obtaining all necessary permits and/or approvals required for the project from other federal, state, or local government agencies having jurisdiction over the project. The Commission reserves the right to modify, suspend, or revoke this action if the project sponsor fails to obtain or maintain such approvals.
3. The Commission reserves the right to reopen any Approval or issue such additional orders, as may be necessary, to mitigate or avoid adverse impacts or otherwise to protect public health, safety, welfare, or the environment.
4. The Project Sponsor shall provide the Commission with the planned schedule for drilling and hydrofracing wells covered by this approval at least four (4) weeks prior to the commencement of these activities. Notice may be provided in the form of a quarterly or monthly schedule.
5. The Project Sponsor shall submit Part A (General Information) and B (Injection) of the Post Hydrofracture Event Report (PHR) within ninety (90) days from the hydrofracture stimulation end date, or the date upon which Part C (Initial Fluid Recovery Report) is due, whichever is sooner. The Project Sponsor shall submit Part C of the PHR, within forty-five (45) days of the release of pressure.
6. Any unused water shall not be discharged back to the waters of the basin without appropriate controls and treatment including those necessary to prevent the spread of aquatic nuisance species.
7. Within sixty (60) days from notice of this approval, the project sponsor shall post an updated sign that meets Commission specifications and displays required project description information. Signage specifications can be found at the Commission's website (www.srbc.net), along with example sign templates for reference. The sign shall be maintained for the duration of the approval. Such sign shall be posted at the point of entry or access to the project facility from a public right-of-way. If there is any restriction to access at such point that would prevent an interested person from legibly viewing such sign, then the project sponsor shall post the sign at the nearest location to such point, along the route of ingress and egress to same, where an interested person would have unrestricted access to legibly view such sign. The project sponsor shall submit photographs as proof of installation of the updated sign.
8. This approval does not become effective until the project sponsor certifies to the Commission that it has received a drilling permit from PADEP or NYSDEC authorizing the initiation of construction of the natural gas well related to this application and submits that drilling permit to the Commission.