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west virginia department of environmental protection

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Office of Oil and Gas  
601 57<sup>th</sup> Street, S.E.  
Charleston, WV 25304  
(304) 926-0450  
fax: (304) 926-0452

Harold D. Ward, Cabinet Secretary  
[www.dep.wv.gov](http://www.dep.wv.gov)

Friday, September 20, 2024  
PERMIT MODIFICATION APPROVAL  
Horizontal 6A / New Drill

SWN PRODUCTION COMPANY, LLC  
POST OFFICE BOX 12359

SPRING, TX 773914954

Re: Permit Modification Approval for Riter WTZ 5H  
47-103-03645-00-00

**Adding ASTs to the Pad**

SWN PRODUCTION COMPANY, LLC

The Office of Oil and Gas has reviewed the attached permit modification for the above referenced permit. The attached modification has been approved and well work may begin. Please be reminded that the oil and gas inspector is to be notified twenty-four (24) hours before permitted well work is commenced.

If there are any questions, please feel free to contact me at (304) 926- 0450.

James A. Martin  
Chief

Operator's Well Number: Riter WTZ 5H  
Farm Name: Harry Riter Jr. & Violet R Menas  
U.S. WELL NUMBER: 47-103-03645-00-00  
Horizontal 6A New Drill  
Date Modification Issued: 2024-9-20

Promoting a healthy environment.

09/20/2024



**APPROVED**  
**WVDEP OOG**  
 Modification  
*[Signature]*  
**9/20/2024**

GRID NORTH AND ELEVATIONS SHOWN HEREON  
 WERE ESTABLISHED IN NAD83/WN, US FOOT

CAD FILE: E:\E:\P\WV\WV\DATA\FIELD\PLANNING\WV\WELLS\BIRMINGHAM\WV\DESIGN\3\SHEETS\REGISTRATION\MODIFICATIONS\69754-RG-LAY-02001-REV-0 RITER-WTZ-AST REGISTRATION EXHIBIT.dwg  
 USER: ben.stemple  
 PLOT DATE/TIME: 9/20/2024 4:45 PM

PROPOSED DOUBLE 28,000 BARREL ABOVE GROUND STADIUM TANK (122' X 124', 28,000 BARREL CAPACITY)  
 PROPOSED TEMPORARY FRESHWATER AST

PROPOSED 10,000 BARREL ABOVE GROUND 81' DIA. STORAGE TANK (AST) WITH 12,000 BBL 83' AST SECONDARY CONTAINMENT  
 PROPOSED TEMPORARY AST FRESHWATER AND RE-USE PRODUCTION WATER

ALTERNATIVE WATER TANK  
 81' DIA. INSIDE  
 83' DIA. OUTSIDE

RITER WELL PAD  
 CENTROID OF PAD  
 LAT: N39.702779  
 LONG: W80.569301

EXISTING PERMITTED RITER LIMITS OF DISTURBANCE FOR API WELLS  
 47-103-03643  
 47-103-03644  
 47-103-03645

SITE ENTRANCE FROM LOW GAP RUN ROAD (CR-8)  
 LAT: N39.701975  
 LONG: W80.571755  
 (NAD 83)

09/20/2024

**REFERENCES**

DOCUMENT	DATE	REV
SWN - RITER AS-BUILT 2024-06-12	08/1/2024	A

**REVISIONS**

REV	DATE	DESCRIPTION	DRWN	CHKD	APPV
A	08/29/2024	INITIAL ISSUE	BES	JG	

APPROVED BY: \_\_\_\_\_

DATE: / /  
 APPROVED BY: \_\_\_\_\_  
 DATE: / /

APPROVED BY: \_\_\_\_\_

DATE: / /  
 APPROVED BY: \_\_\_\_\_  
 DATE: / /

**IFP**

ISSUED FOR PERMITS

**SWN** *R2 → V+*  
 Southwestern Energy®  
 SOUTHWEST APPALACHIA DIVISION  
 1300 FORT PIERPONT RD, MORGANTOWN, WV 26505  
 WWW.SWN.COM

PAD/AFE #:	
ORIG. DATE:	08/29/2024
SCALE:	AS SHOWN
DRAWN BY:	BEN STEMPEL
SEGMENT ID:	

**SOUTHWESTERN ENERGY, INC.**  
 SOUTHWEST APPALACHIA DIVISION  
 RITER WELL PAD  
 ALTERNATIVE WATER OPERATION  
 WETZEL COUNTY, WEST VIRGINIA

DOCUMENT TITLE:	RITER WELL PAD MODIFICATION EXHIBIT	SHEET	02001
DOCUMENT NUMBER:	69754-RG-LAY-02001-REV-0 RITER-WTZ-AST REGISTRATION EXHIBIT	REV	A

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