



west virginia department of environmental protection

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

Harold D. Ward, Cabinet Secretary
www.dep.wv.gov

Monday, November 18, 2024
PERMIT MODIFICATION APPROVAL
Horizontal 6A / New Drill

SWN PRODUCTION COMPANY, LLC
POST OFFICE BOX 12359

SPRING, TX 773914954

Re: Permit Modification Approval for Serafin Ortiz MSH 5H
47-051-02504-00-00

Adding an AST 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.

A handwritten signature in blue ink, appearing to read 'James A. Martin', is written over a white background.

James A. Martin
Chief

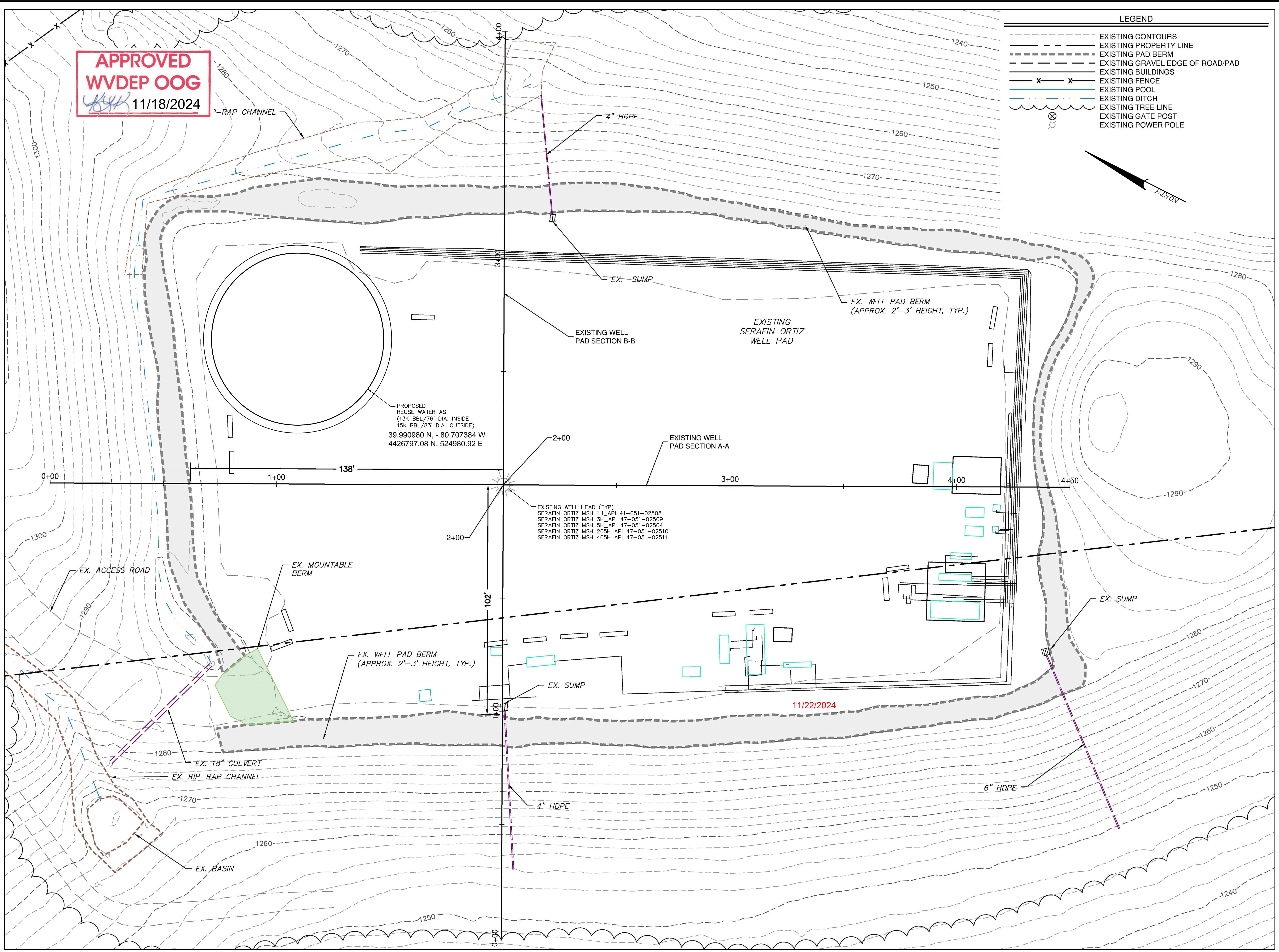
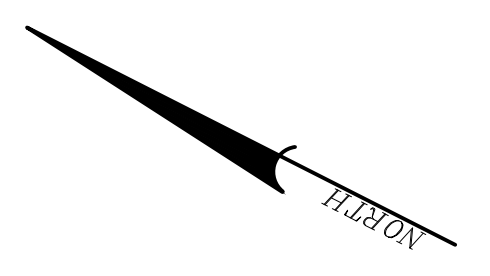
Operator's Well Number: Serafin Ortiz MSH 5H
Farm Name: Frank J & Lori A Longwell
U.S. WELL NUMBER: 47-051-02504-00-00
Horizontal 6A New Drill
Date Modification Issued: 11/18/2024

Promoting a healthy environment.

11/22/2024

APPROVED
WVDEP OOG
[Signature] 11/18/2024

LEGEND	
	EXISTING CONTOURS
	EXISTING PROPERTY LINE
	EXISTING PAD BERM
	EXISTING GRAVEL EDGE OF ROAD/PAD
	EXISTING BUILDINGS
	EXISTING FENCE
	EXISTING POOL
	EXISTING DITCH
	EXISTING TREE LINE
	EXISTING GATE POST
	EXISTING POWER POLE



NO.	DATE	REVISION

FOR RETIEW ASSOCIATES BY:	
MANAGER: CASEY BARTIKUS	CHKD BY:
DESIGN BY: PDZ	CHKD BY:
DRAWN BY: PDZ	CHKD BY:
SURV. CHIEF: [Name]	FIELDBOOK NO. [Number]
	DMA COLLECTOR

CLIENT: **SWN** *Re-use* **Energy**
 Southwestern Energy A
 SOUTHWEST APPALACHIA DIVISION
 10000 Highway 100, Raleigh, NC 27607

SCALE: 1"=20'
 0 10' 20' 40' 60'

RETIEW
 RETIEW Associates, Inc.
 One Robinson Plaza, Suite 200, Pittsburgh, PA 15205
 Phone (800) 738-8395
 Email: retiew@retiew.com
 Website: www.retiew.com

Engineers • Planners • Surveyors • Landscape Architects
 Environmental Consultants

EXHIBIT
 REUSE WATER AST
 FOR
**SERAFIN ORTIZ
 PRODUCTION PAD**

UNION DISTRICT MARSHALL COUNTY, WV

DATE: 10/25/2024
 SHEET NO. 1 OF 1
 DWG. NO. 0875602698

NOT FOR CONSTRUCTION/NOT FOR BIDDING