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

Tuesday, October 27, 2026
WELL WORK PLUGGING PERMIT
Horizontal 6A Plugging

ANTERO RESOURCES CORPORATION
1615 WYNKOOP STREET

DENVER, CO 80202

Re: Permit approval for OLIVE UNIT 4H
47-095-02441-00-00

This well work permit is evidence of permission granted to perform the specified well work at the location described on the attached pages and located on the attached plat, subject to the provisions of Chapter 22 of the West Virginia Code of 1931, as amended, and all rules and regulations promulgated thereunder, and to any additional specific conditions and provisions outlined in the pages attached hereto. Notification shall be given by the operator to the Oil and Gas Inspector at least 24 hours prior to the construction of roads, locations, and/or pits for any permitted work. In addition, the well operator shall notify the same inspector 24 hours before any actual well work is commenced and prior to running and cementing casing. Spills or emergency discharges must be promptly reported by the operator to 1-800-642-3074 and to the Oil and Gas Inspector.

Upon completion of the plugging well work, the above named operator will reclaim the site according to the provisions of WV Code 22-6-30. Please be advised that form WR-38, Affidavit of Plugging and Filling Well, is to be submitted to this office within 90 days of completion of permitted well work, as should form WR-34 Discharge Monitoring Report within 30 days of discharge of pits, if applicable. Failure to abide by all statutory and regulatory provisions governing all duties and operations hereunder may result in suspension or revocation of this permit and, in addition, may result in civil and/or criminal penalties being imposed upon the operators.

Per 35 CSR 4-5.2.g this permit will expire in two (2) years from the issue date unless permitted well work is commenced. If there are any questions, please feel free to contact me at (304) 926- 0450.

H. Jason Harmon
Chief

Operator's Well Number: OLIVE UNIT 4H
Farm Name: ANTERO RESOURCES CORPORATION
U.S. WELL NUMBER: 47-095-02441-00-00
Horizontal 6A Plugging
Date Issued: 10/27/2026

10/30/2026

PERMIT CONDITIONS

West Virginia Code §22-6-11 allows the Office of Oil and Gas to place specific conditions upon this permit. Permit conditions have the same effect as law. Failure to adhere to the specified permit conditions may result in enforcement action.

CONDITIONS

1. All pits must be lined with a minimum of 20 mil thickness synthetic liner.
2. In the event of an accident or explosion causing loss of life or serious personal injury in or about the well or while working on the well, the well operator or its contractor shall give notice, stating the particulars of the accident or explosion, to the oil and gas inspector and the Chief within twenty-four (24) hours.
3. Well work activities shall not constitute a hazard to the safety of persons.
4. Notification shall be given by the operator to the Oil and Gas Inspector at least 24 hours prior to the construction of roads, locations and/or pits for any permitted work. In addition, the well operator shall notify the same inspector 24 hours before any actual well work is commenced and prior to running and cementing casing.
5. No sooner than sixty (60) days and no greater than ninety (90) days after the completion of the plugging of the well, the operator shall conduct an evaluation of the plugging operations to verify that the well is not leaking any fluid or gases and is properly sealed at the surface to prevent fluids or other materials from entering the well. Reports of such analysis are required to be provided to the agency with the permittee's filing of the WR-38. Wells affirmed to be leaking after plugging operations have completed, will be considered to not be properly plugged and may be required to be retested, repaired, and/or replugged.

10/30/2026

4709502441P

WW-4B
Rev. 2/01

1) Date September 23, 2026
2) Operator's Well No. Olive Unit 4H
3) API Well No. 47- 095 - 02441

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL AND GAS

APPLICATION FOR A PERMIT TO PLUG AND ABANDON

4) Well Type: Oil _____/ Gas X / Liquid injection _____/ Waste disposal _____/
(If "Gas, Production ____ or Underground storage ____) Deep ____/ Shallow X

5) Location: Elevation 1158.2 Watershed Outlet Middle Island Creek
District Centerville & Meade County Tyler Quadrangle Middlebourne & Shirley

6) Well Operator Antero Resources Corporation
Address 1615 Wynkoop St
Denver, CO 80202

7) Designated Agent Conrad Baston
Address 535 White Oaks Blvd
Bridgeport, WV 26330

8) Oil and Gas Inspector to be notified
Name Stephen E. McCoy
Address 13016 Indian Creek Rd
Jacksonburg, WV 26377

9) Plugging Contractor
Name N/A - Antero will plug well
Address

10) Work Order: The work order for the manner of plugging this well is as follows:

*Please see attached work order

RECEIVED
Office Of Oil and Gas
OCT 13 2026
WV Department of
Environmental Protection

Notification must be given to the district oil and gas inspector 24 hours before permitted work can commence.

Work order approved by inspector Stephen Mccoy Digitally signed by Stephen Mccoy Date: 2026.10.09 12:03:01 -04'00' Date

10/30/2026

47095 02441P

Antero Resources
1615 Wynkoop St.
Denver, CO 80202
Office: 303.357.7310
Fax: 303.357.7315

Olive 4H
Tyler County, WV
API #47-095-02440

Objective: Plug and Abandon from 2518' back to surface

Well Design:

- 20" Conductor @ 80'– Cemented to Surface – 19.124" ID
- 13.375" Surface Casing @ 577' – Cemented to Surface – 12.615" ID
- 9-5/8" Intermediate Casing @ 2,595'– Cemented to Surface - 8.921" ID
- 8 3/4 Open Hole to 6,331'
- 300' Cement Plug set @ 4,936'-5,236'
- 300' Cement Plug set @ 2,428'-2,728' covering 9 5/8" casing shoe

Oil and Gas Zones:

1. Freshwater – 78', 274', 485'
2. Coal Depths – 233', 727'
3. Salt Water – 1607', 1627'

Procedure:

1. Check and record casing surface pressures into Wellview. Verify no pressure behind 9 5/8". Bleed off pressure and monitor any build-up prior to performing any more work.
2. Notify WV DEP 24 hours prior to commencing work.
3. Move in and rig up flat tank and frac tank (No pits will be utilized).
4. MIRU Service rig with JU Head and BOP's. Pressure test well control equipment.
5. RIH with 2 3/8" tubing and attempt to wash down to TD, if unable to reach TD consult with inspector and decide on new course of action.
6. Ensure hole is filled with at least 6% Bentonite Gel from TD to surface.
7. Pull up to 1587', MIRU cement services. Mix and pump a 100' cement plug to cap the Saltwater zones at 1607' and 1627' (1487'-1587') (Class A cement, zero excess, yield =1.15 ft^3/sk, WR = 5.2 gal/sk, minimum 500 psi compressive strength)
    a. Volume inside of 9-5/8" = 0.4341 ft^3/ft
    b. 100' plug = 44 ft^3 cement.
    c. Displace to balance plug with 8.33 ppg fluid
    d. Slowly pull out of cement plug and lay down 150' of 2-3/8" tubing
    e. Circulate tubing clear of cement with 8.33ppg fluid
8. TOOH laying down tubing to 707'
9. Mix and pump a 200' cement plug to cap coal zone and cover surface casing shoe (507'-707') (Class A cement, zero excess, yield =1.15 ft^3/sk, WR = 5.2 gal/sk, minimum 500 psi compressive strength)
    a. Volume inside of 9-5/8" = 0.4341 ft^3/ft
    b. 200' plug = 88 ft^3 cement.
    c. Displace to balance plug with 8.33 ppg fluid
    d. Slowly pull out of cement plug and lay down 250' of 2-3/8" tubing
    e. Circulate tubing clear of cement with 8.33ppg fluid
10. TOOH laying down tubing to 100'.
11. MIRU cement services. Mix and pump a 100' cement plug to surface (Class A cement + 2% $CaCl_2$, zero excess, yield =1.15 ft^3/sk, WR = 5.2 gal/sk, minimum 500 psi compressive strength)

RECEIVED
Office Of Oil and Gas
OCT 13 2026
WV Department of
Environmental Protection

Stephen Mccoy
Digitally signed by Stephen Mccoy
Date: 2026.10.09 12:02:09 -04'00'

10/30/2026

4709502441P

a. Volume inside of 9-5/8" = 0.4341 ft^3/ft
b. 100' plug = 44 ft^3 cement.
c. Displace to balance plug with 8.33 ppg fluid
d. Slowly pull out of cement plug and lay down 305' of 2-3/8" tubing
e. Clean up tubing if possible
f. Install Monument Marker with API #47-095-02450

RECEIVED
Office Of Oil and Gas
OCT 13 2026
WV Department of
Environmental Protection

Stephen Mccoy
10/30/2026
Digitally signed by Stephen Mccoy
Date: 2026.10.09 12:02:26 -04'00'

C&J ENERGY SERVICES
D-TEX CEMENTING

Cement Job Log

4709502441P

Customer:	Antero Resources Corporation	**Date:**	5/19/2018	**Serv. Supervisor:**	Dave Thorne
Cust. Rep.:		**Ticket #:**	JWV1805-0018	**Serv. Center**	Jane Lew, WV
Lease:	Olive 4H	**API Well #:**	47-095-02441	**County:** Tyler	**State:** West Virginia
Well Type:		**Rig:**	Frontier 32	**Type of Job:**	Intermediate Casing

Materials Furnished by C&J ENERGY SERVICES

Plugs	Casing Hardware	Physical Slurry Properties					
		Sacks of Cement	Fluid Dens (lb/gal)	Yield (cuft/sk)	Mix Water (gal/sk)	Fluid Volume (bbls)	Mix Water (bbls)
Spacer 1:	Water		8.34			50	
Lead							
Tail:	CJ910 + 0.125 LB/SK CJ600	899	15.6	1.18	5.21	189	111
Displacement Chemicals:							

OPEN HOLE DATA			TUBULAR DATA								
SIZE (in)	EXCESS (%)	DEPTH (ft)	TYPE (CSG/TBG/DP)	OD (in)	WEIGHT (lbs/ft)	THREAD	DEPTH (ft)	GRADE	ID (in)	BURST (psi)	COLLAPSE (psi)
12 1/4		2620	Casing	9 5/8	36		2620		8.92		

PREVIOUS CASING DATA				PERFORATED INTERVAL DATA				CASING EQUIPMENT DEPTHS			
SIZE (in)	WEIGHT (lbs/ft)	ID (in)	DEPTH (ft)	TOP	BTM	SPF	SIZE	SHOE	FLOAT	STAGE	ACP
13 3/8	54.5	12.61	610					2620	2574		

WELL FLUID		DISPLACEMENT FLUID (STG 1)			DISPLACEMENT FLUID (STG 2)			WATER ON LOC (bbl)	DIFF PRESS (psi)	CSG LIFT (psi)	MAX PRESS (psi)
TYPE	DENSITY	VOLUME	TYPE	DENSITY	VOLUME	TYPE	DENSITY				
Water	8.3 ppg	189 bbl	Water	8.3 ppg					1029	1277	

Time	Rate (bbl/min)	Csg. Press. (psi)	Tbg. Press (psi)	Ann. Press. (psi)	Stg. Vol. (bbl)	Cum Vol. (bbl)	Stage Details
1030am						0	Arrived On Location (Waited on Casing)
0435pm						0	Rigged Up
0535pm						0	Safety Meeting
0605pm		3000				0	Psi Test
0610pm	8	300			25	25	Gel
0613pm	8	450			10	35	Water
0615pm	7	785			189	224	Slurry
0645pm						224	SD DP
0650pm	7	1200			200	424	Disp
0730pm	8	1700				424	Plug Landed
0745pm						424	Released Psi(1.5 bbl back)
0830pm						424	Washed UP Rigged Down
						424	
						424	
						424	
						424	
						424	
						424	
						424	
						424	
						424	
						424	
						424	
						424	

Left Yard				Left Loc.				Start Pump	
Arrived Loc.				Returned Yd				End Pump	
Bumped Plug (psi)	Final Differential (psi)	Floats Held (Y/N)	PSI Left on Casing	Cement to Surface (bbl)	Full Circ. During Job (Y/N)	Max Pump Pressure (psi)	Standby Charged (hrs)	Dave Thorne	
Yes	1100	Yes		60	Yes			Service Supervisor	

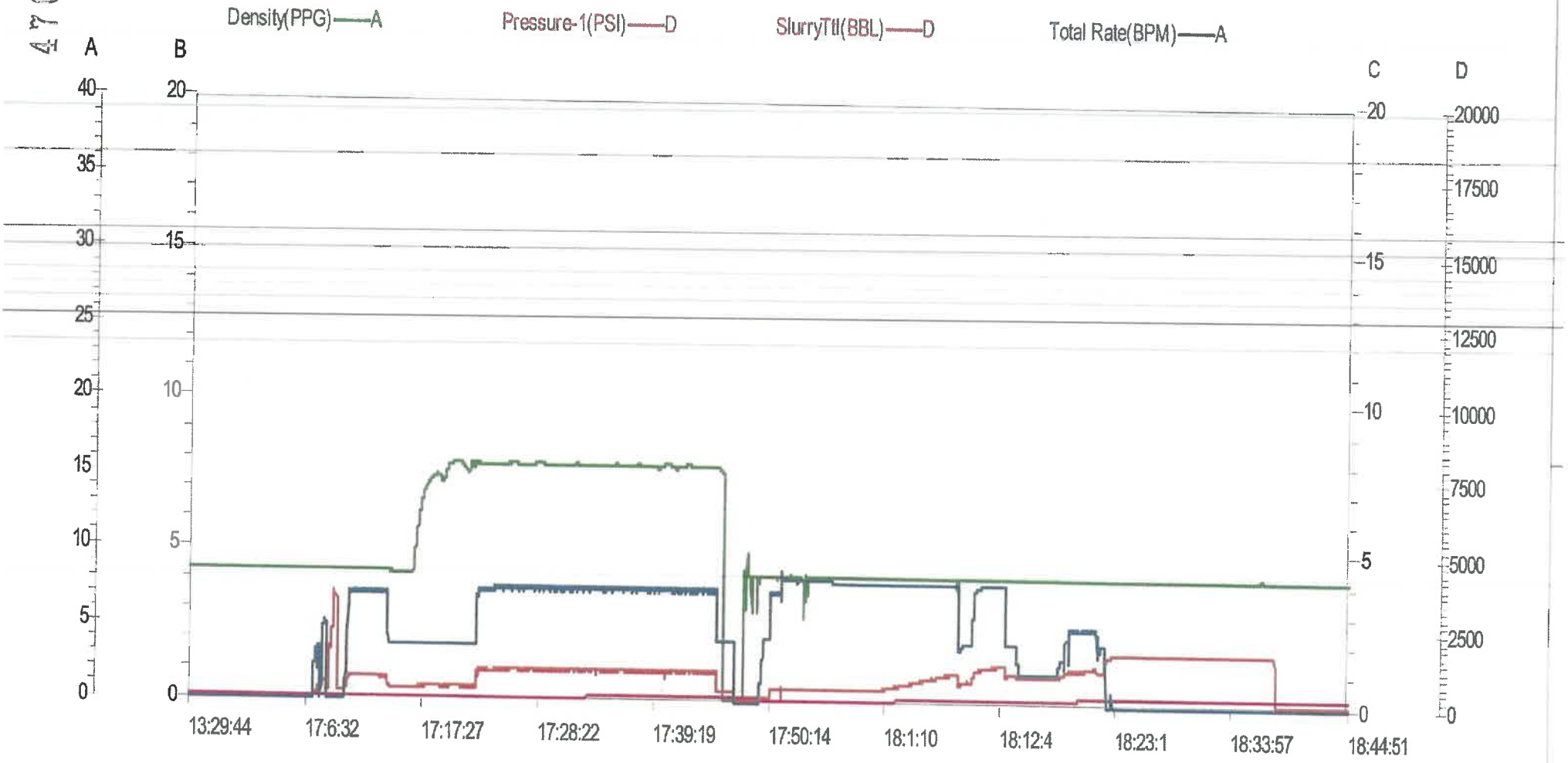
RECEIVED
Office Of Oil and Gas
OCT 13 2026
WV Department of
Environmental Protection

10/30/2026

4709502441P

RECEIVED
Office Of Oil and Gas
OCT 13 2026
WV Department of
Environmental Protection

10/30/2026



Chart

4709502441P

WR-35
Rev. 8/23/13

State of West Virginia
Department of Environmental Protection - Office of Oil and Gas
Well Operator's Report of Well Work

API 47 - 095 - 02441 County Tyler District Centerville
Quad Middlebourne & Shirley Pad Name Lemuel Pad Field/Pool Name -----
Farm name Antero Resources Corporation Well Number Olive Unit 4H
Operator (as registered with the OOG) Antero Resources Corporation
Address 1615 Wynkoop Street City Denver State CO Zip 80202

As Drilled location NAD 83/UTM Attach an as-drilled plat, profile view, and deviation survey
Top hole Northing 4363670.10m Easting 507464.96m
Landing Point of Curve Northing _____ Easting _____
Bottom Hole Northing _____ Easting _____

Elevation (ft) 1158.2' GL Type of Well ■New □ Existing Type of Report □Interim ■Final

Permit Type □ Deviated □ Horizontal ■ Horizontal 6A □ Vertical Depth Type □ Deep ■ Shallow

Type of Operation □ Convert □ Deepen ■ Drill □ Plug Back □ Redrilling □ Rework ■ Stimulate

Well Type □ Brine Disposal □ CBM ■ Gas ■ Oil □ Secondary Recovery □ Solution Mining □ Storage □ Other _____

Type of Completion ■ Single □ Multiple Fluids Produced □ Brine ■Gas □ NGL ■ Oil □ Other _____
Drilled with □ Cable ■ Rotary

Drilling Media Surface hole ■ Air □ Mud □Fresh Water Intermediate hole ■ Air □ Mud □Fresh Water □ Brine
Production hole □ Air ■ Mud □ Fresh Water □ Brine

RECEIVED
Office Of Oil and Gas
OCT 13 2026
WV Department of
Environmental Protection

Mud Type(s) and Additive(s)
Air - Foam & 4% KCL
Mud - Polymer

Date permit issued 6/23/2017 Date drilling commenced 12/10/2017 Date drilling ceased 5/24/2018
Date completion activities began N/A Date completion activities ceased N/A
Verbal plugging (Y/N) N/A Date permission granted N/A Granted by N/A

Please note: Operator is required to submit a plugging application within 5 days of verbal permission to plug

Freshwater depth(s) ft 78', 274', 485' Open mine(s) (Y/N) depths No
Salt water depth(s) ft 1607', 1627' Void(s) encountered (Y/N) depths No
Coal depth(s) ft 233', 727' Cavern(s) encountered (Y/N) depths No
Is coal being mined in area (Y/N) No

Reviewed by:

10/30/2026

WR-35
Rev. 8/23/13

API 47- 095 - 02441 Farm name Antero Resources Corporation Well number Olive Unit 4H

CASING STRINGS	Hole Size	Casing Size	Depth	New or Used	Grade wt/ft	Basket Depth(s)	Did cement circulate (Y/ N) * Provide details below*
Conductor	26"	20"	112'	New	78.67#, A252	N/A	Y
Surface	17-1/2"	13-3/8"	609'	New	54.5#, J-55	N/A	Y
Coal							
Intermediate 1	12-1/4"	9-5/8"	2627'	New	36#, J-55	N/A	Y
Intermediate 2							
Intermediate 3							
Production							
Tubing							
Packer type and depth set							

Comment Details

CEMENT DATA	Class/Type of Cement	Number of Sacks	Slurry wt (ppg)	Yield (ft ^{3}/sks)	Volume (ft^3)	Cement Top (MD)	WOC (hrs)
Conductor	Class A	204 sx	15.6	1.18	241	0'	8 Hrs.
Surface	Class A	515 sx	15.6	1.20	618	0'	8 Hrs.
Coal							
Intermediate 1	Class A	899 sx	15.6	1.18	1061	0'	8 Hrs.
Intermediate 2							
Intermediate 3							
Production							
Tubing							

Drillers TD (ft) 2627' Loggers TD (ft)
Deepest formation penetrated Plug back to (ft) N/A
Plug back procedure N/A

RECEIVED
Office Of Oil and Gas
OCT 13 2026
WV Department of Environmental Protection

Kick off depth (ft)'

Check all wireline logs run ☐ caliper ☐ density ☐ deviated/directional ☐ induction ☐ neutron ☐ resistivity ☐ gamma ray ☐ temperature ☐ other

Well cored ☐ Yes ■ No Conventional Sidewall Were cuttings collected ☐ Yes ■ No

DESCRIBE THE CENTRALIZER PLACEMENT USED FOR EACH CASING STRING
Conductor - 0
Surface - 1 above guide shoe, 1 above insert float, 1 every 4th joint to surface
Intermediate - 1 above float joint, 1 above float collar, 1 every 4th joint to surface

WAS WELL COMPLETED AS SHOT HOLE ☐ Yes ■ No DETAILS

WAS WELL COMPLETED OPEN HOLE? ☐ Yes ■ No DETAILS

WERE TRACERS USED ☐ Yes ■ No TYPE OF TRACER(S) USED N/A

10/30/2026

4709502441P

WR-35
Rev. 8/23/13

API 47- 095 - 02441 Farm name Antero Resources Corporation Well number Olive Unit 4H

PERFORATION RECORD

Stage No.	Perforation date	Perforated from MD ft.	Perforated to MD ft.	Number of Perforations	Formation(s)

Please insert additional pages as applicable.

RECEIVED
Office Of Oil and Gas
OCT 13 2026
WV Department of
Environmental Protection

STIMULATION INFORMATION PER STAGE

Complete a separate record for each stimulation stage.

Stage No.	Stimulations Date	Ave Pump Rate (BPM)	Ave Treatment Pressure (PSI)	Max Breakdown Pressure (PSI)	ISIP (PSI)	Amount of Proppant (lbs)	Amount of Water (bbls)	Amount of Nitrogen/other (units)

Please insert additional pages as applicable.

10/30/2026

4709502441P

WR-35
Rev. 8/23/13

API 47- 095 - 02441 Farm name Antero Resources Corporation Well number Olive Unit 4H

PRODUCING FORMATION(S)	DEPTHS	
Marcellus	TVD	MD

Please insert additional pages as applicable.

GAS TEST ☐ Build up ☐ Drawdown ■ Open Flow OIL TEST ■ Flow ☐ Pump

SHUT-IN PRESSURE Surface _____ psi Bottom Hole --- psi DURATION OF TEST --- hrs

OPEN FLOW Gas _____ mcfpd Oil _____ bpd NGL — bpd Water _____ bpd GAS MEASURED BY ☐ Estimated ■ Orifice ☐ Pilot

LITHOLOGY/ FORMATION	TOP DEPTH IN FT NAME TVD	BOTTOM DEPTH IN FT TVD	TOP DEPTH IN FT MD	BOTTOM DEPTH IN FT MD	DESCRIBE ROCK TYPE AND RECORD QUANTITY AND TYPE OF FLUID (FRESHWATER, BRINE, OIL, GAS, H_2S, ETC)
	0		0		

Please insert additional pages as applicable.

RECEIVED
Office Of Oil and Gas
OCT 13 2026
WV Department of Environmental Protection

Drilling Contractor Frontier Drilling
Address 562 Heritage Dr City Pennsboro State WV Zip 26415

Logging Company _____
Address _____ City _____ State _____ Zip _____

Cementing Company C & J Services
Address 1650 Hackers Creek Rd City Jane Lew State WV Zip 26378

Stimulating Company _____
Address _____ City _____ State _____ Zip _____
Please insert additional pages as applicable.

Completed by Carly Wren Telephone 303-357-7373
Signature _____ Title Permitting Agent Date 9/23/2026

Submittal of Hydraulic Fracturing Chemical Disclosure Information Attach copy of FRACFOCUS Registry

10/30/2026

WVGES
GEOLOGY UNDERLIES IT ALL
"Pipeline"

Select County: (095) Tyler
Enter Permit #: 02441
Get Data | Reset

Select datatypes: (Check All)
Location | Production | Plugging
Owner/Completion | Stratigraphy | Sample
Pay/Show/Water | Logs | Btm Hole Loc

Table Descriptions
County Code Translations
Permit-Numbering Series
Usage Notes
Contact Information
Disclaimer
WVGES Main
"Pipeline-Plus" New

WV Geological & Economic Survey:

Well: County = 95 Permit = 02441 Link to all digital records for well

Report Time: Friday, October 23, 2026 3:12:13 PM

Location Information: View Map

API	COUNTY	PERMIT	TAX_DISTRICT	QUAD_75	QUAD_15	LAT_DD	LON_DD	UTME	UTMN
4709502441	Tyler	2441	Centerville	Middlebourne	West Union	39.422526	-80.913273	507465	4363670

Bottom Hole Location Information:

API	EP	FLAG	UTME	UTMN	LON_DD	LAT_DD
4709502441	1	As Proposed	506756	4366422	-80.921482	39.447329

Owner Information:

API	CMP_DT	SUFFIX	STATUS	SURFACE_OWNER	WELL_NUM	CO_NUM	LEASE	LEASE_NUM	MINERAL_OWN	OPERATOR_AT_COMPLETION	PROP_VD	PROP_TR
4709502441	-/-/-	Dvtd Orgnl Loc	Cancelled	Antero Resources Corporation	4H		Olive Unit		R G Woodburn/J Fout et ux/K L Lough	Antero Resources Corporation	6800	Marcellus I

Completion Information:

API	CMP_DT	SPUD_DT	ELEV	DATUM	FIELD	DEEPEST_FM	DEEPEST_FMT	INITIAL_CLASS	FINAL_CLASS	TYPE	RIG	CMP_MTHD	TVD	TMD	NEW_FTG	KOD	G_BEF	G_AFT	O_BEF	O_AFT	NG
4709502441	-/-/-	-/-/-	1171	Ground Level																	

Comment: -/-/- Additional Mineral Owners: R P Stackpole/C C Farbee/E K Livingston/ L A Guzylak/R Goode/G R McMullen/R Halstead/L Moore et ux Per WVDEP OOG website, well was c

There is no Pay data for this well

There is no Production Gas data for this well

There is no Production Oil data for this well ** some operators may have reported NGL under Oil

There is no Production NGL data for this well ** some operators may have reported NGL under Oil

There is no Production Water data for this well

There is no Stratigraphy data for this well

Wireline (E-Log) Information:
* There is no Scanned/Raster Log data for this well

* There is no Digitized/LAS Log data for this well

* There is no Scanned or Digital Logs available for download

There is no Plugging data for this well

There is no Sample data for this well

10/30/2026

4709502441P

WW-4A
Revised 6-07

1) Date: 9/23/2026
2) Operator's Well Number
Olive Unit 4H

3) API Well No.: 47 - 095 - 02441

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
NOTICE OF APPLICATION TO PLUG AND ABANDON A WELL

4) Surface Owner(s) to be served:
(a) Name: Antero Resources Corporation
Address: 1615 Wynkoop St
Denver, CO 80202
(b) Name
Address
(c) Name
Address

6) Inspector: Stephen E. McCoy
Address: 13016 Indian Creek Rd
Jacksonburg, WV 26377
Telephone: 681-344-3265

5) (a) Coal Operator
Name
Address

(b) Coal Owner(s) with Declaration
Name
Address
Name
Address

(c) Coal Lessee with Declaration
Name
Address

TO THE PERSONS NAMED ABOVE: You should have received this Form and the following documents:

(1) The application to Plug and Abandon a Well on Form WW-4B, which sets out the parties involved in the work and describes the well its and the plugging work order; and
(2) The plat (surveyor's map) showing the well location on Form WW-6.

The reason you received these documents is that you have rights regarding the application which are summarized in the instructions on the reverses side. However, you are not required to take any action at all.

Take notice that under Chapter 22-6 of the West Virginia Code, the undersigned well operator proposes to file or has filed this Notice and Application and accompanying documents for a permit to plug and abandon a well with the Chief of the Office of Oil and Gas, West Virginia Department of Environmental Protection, with respect to the well at the location described on the attached Application and depicted on the attached Form WW-6. Copies of this Notice, the Application, and the plat have been mailed by registered or certified mail or delivered by hand to the person(s) named above (or by publication in certain circumstances) on or before the day of mailing or delivery to the Chief.

Well Operator: Antero Resources Corporation
By: Brandon Binford BB
Its: VP of Geology
Address: 1615 Wynkoop St
Denver, CO 80202
Telephone: 303-357-6773

RECEIVED
Office Of Oil and Gas
OCT 13 2026
WV Department of
Environmental Protection

CARLY RAYNE WREN
NOTARY PUBLIC - STATE OF COLORADO
NOTARY ID 20224038743
MY COMMISSION EXPIRES OCT 5, 2030

Subscribed and sworn before me this 23 day of September 2026
Carly Rayne Wren Notary Public
My Commission Expires 10-5-30

Oil and Gas Privacy Notice

The Office of Oil and Gas processes your personal information, such as name, address and phone number, as a part of our regulatory duties. Your personal information may be disclosed to other State agencies or third parties in the normal course of business or as needed to comply with statutory or regulatory requirements, including Freedom of Information Act requests. Our office will appropriately secure your personal information. If you have any questions about our use of your personal information, please contact DEP's Chief Privacy Officer at depprivacyoffier@wv.gov.

10/30/2026

4709502441P

SURFACE OWNER WAIVER

Operator's Well Number Olive Unit 4H

INSTRUCTIONS TO SURFACE OWNERS NAMED ON PAGE WW4-A

The well operator named on page WW-4A is applying for a permit from the State to plug and abandon a well. (Note: If the surface tract is owned by more than three persons, then these materials were served on you because your name appeared on the Sheriff's tax ticket on the land or because you actually occupy the surface tract. In either case, you may be the only owner who will actually receive these materials.) See Chapter 22 of the West Virginia Code. Well work permits are valid for 24 months. If you do not own any interest in the surface tract, please forward these materials to the true owner immediately if you know who it is. Also, please notify the well operator and the Office of Oil and Gas.

NOTE: YOU ARE NOT REQUIRED TO FILE ANY COMMENT.

WHERE TO FILE COMMENTS AND OBTAIN ADDITIONAL INFORMATION:

Chief, Office of Oil and Gas
Department of Environmental Protection
601 57th St. SE
Charleston, WV 25304
(304) 926-0450

RECEIVED
Office Of Oil and Gas
OCT 13 2026
WV Department of
Environmental Protection

Time Limits and methods for filing comments. The law requires these materials to be served on or before the date the operator files his Application. You have **FIVE (5) DAYS** after the filing date to file your comments. Comments must be filed in person or received in the mail by the Chief's office by the time stated above. You may call the Chief's office to be sure of the date. Check with your postmaster to ensure adequate delivery time or to arrange special expedited handling. If you have been contacted by the well operator and you have signed a "voluntary statement of no objection" to the planned work described in these materials, then the permit may be issued at any time.

Comments must be in writing. Your comments must include your name, address and telephone number, the well operator's name and well number and the approximate location of the proposed well site including district and county from the application. You may add other documents, such as sketches, maps or photographs to support your comments.

The Chief has the power to deny or condition a well work permit based on comments on the following grounds:

1) The proposed well work will constitute a hazard to the safety of persons.
2) The soil erosion and sediment control plan is not adequate or effective;
3) Damage would occur to publicly owned lands or resources;
4) The proposed well work fails to protect fresh water sources or supplies;
5) The applicant has committed a substantial violation of a previous permit or a substantial violation of one or more of the rules promulgated under Chapter 22, and has failed to abate or seek review of the violation...".

If you want a copy of the permit as it is issued or a copy of the order denying the permit, you should request a copy from the Chief.

VOLUNTARY STATEMENT OF NO OBJECTION

I hereby state that I have read the instructions to surface owners and that I have received copies of a Notice and Application For A Permit To Plug And Abandon on Forms WW-4A and WW-4B, and a survey plat.

I further state that I have no objection to the planned work described in these materials, and I have no objection to a permit being issued on those materials.

FOR EXECUTION BY A NATURAL PERSON ETC.

_____ Date _____
Signature

FOR EXECUTION BY A CORPORATION,

Name Antero Resources Corporation
By Brandon Binford
Its VP of Geology Date
Signature BBJ Date 9-23-26

10/30/2026

4709502441P

WW-4B

API No. 47-095-02441
Farm Name Antero Resources Corporation
Well No. Olive Unit 4H

INSTRUCTIONS TO COAL OPERATORS
OWNERS AND LESSEE

The well operator named on the obverse side of WW-4 (B) is about to abandon the well described in the enclosed materials and will commence the work of plugging and abandoning said well on the date the inspector is notified. Which date shall not be less then five days after the day on which this notice and application so mailed is received, or in due course should be received by the Department of Environmental Protection Office of Oil & Gas.

This notice and application is given to you in order that your respective representatives may be present at the plugging and filling of said well. You are further notified that whether you are represented or not the operator will proceed to plug and fill said well in the manner required by Section 24, Article 6, Chapter 22 of the Code and given in detail on obverse side of this application.

NOTE: If you wish this well to be plugged according to 22-6-24(d) then as per Regulation 35CSR4-13.9 you must complete and return to this office on form OB-16 "Request by Coal Operator, Owner, or Lessee for plugging" prior to the issuance of this plugging permit.

WAIVER

The undersigned coal operator _____/ owner _____/ lessee _____/ of the coal under this well location has examined this proposed plugging work order. The undersigned has no objection to the work proposed to be done at this location, provided, the well operator has complied with all applicable requirements of the West Virginia Code and the governing regulations.

Date: _____

_____

By: _____

Its _____

10/30/2026

4709502441P

Form WW-9

Operator's Well No. Weekley Unit 1H

Proposed Revegetation Treatment: Acres Disturbed 5.17 Prevegetation pH

Lime 2-3 Tons/acre or to correct to pH 6.5

Fertilizer type

Fertilizer amount 500 lbs/acre

Mulch 2-3 Tons/acre

Seed Mixtures

Temporary		Permanent	
Seed Type	lbs/acre	Seed Type	lbs/acre
Annual Ryegrass	40	Crownvetch	10-15
Field Bromegrass	40	Tall Fescue	30
Please reference Table IV-3 of the Well Plugging Plan		Please reference Table IV-4A of the Well Plugging Plan	

*or type of grass seed requested by surface owner

Attach:
Maps(s) of road, location, pit and proposed area for land application (unless engineered plans including this info have been provided). If water from the pit will be land applied, provide water volume, include dimensions (L, W, D) of the pit, and dimensions (L, W), and area in acres, of the land application area.

Photocopied section of involved 7.5' topographic sheet.

Plan Approved by: Stephen Mccoy Digitally signed by Stephen Mccoy Date: 2026.10.09 12:03:16 -04'00'

Comments:

RECEIVED
Office Of Oil and Gas
OCT 13 2026
WV Department of
Environmental Protection

Title: Date:

Field Reviewed? ( ) Yes ( ) No

10/30/2026

4709502441P

WW-9
(5/16)

API Number 47 - 095 - 02441
Operator's Well No. Olive Unit 4H

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL AND GAS
FLUIDS/ CUTTINGS DISPOSAL & RECLAMATION PLAN

Operator Name Antero Resources Corporation OP Code 494507062

Watershed (HUC 10) Outlet Middle Island Creek Quadrangle Middlebourne & Shirley

Do you anticipate using more than 5,000 bbls of water to complete the proposed well work? Yes ☐ No ☑

Will a pit be used? Yes ☐ No ☑

If so, please describe anticipated pit waste: _____

Will a synthetic liner be used in the pit? Yes ☐ No ☐ If so, what ml.? _____

Proposed Disposal Method For Treated Pit Wastes:

_____ Land Application (if selected provide a completed form WW-9-GPP)
_____ Underground Injection (UIC Permit Number _____)
_____ Reuse (at API Number _____
■ Off Site Disposal (Supply form WW-9 for disposal location)
_____ Other (Explain _____

Will closed loop systembe used? If so, describe: Yes, fluids stored in tanks, cuttings removed off site.

Drilling medium anticipated for this well (vertical and horizontal)? Air, freshwater, oil based, etc. _____

-If oil based, what type? Synthetic, petroleum, etc. _____

Additives to be used in drilling medium? _____

Drill cuttings disposal method? Leave in pit, landfill, removed offsite, etc. Removed Offsite - Solids Control Company

-If left in pit and plan to solidify what medium will be used? (cement, lime, sawdust) _____

-Landfill or offsite name/permit number? Buckeye Brine, Coshocton, OH – Belmont Solids Control, Cadiz, OH – Mud Masters, Friendly, WV

Permittee shall provide written notice to the Office of Oil and Gas of any load of drill cuttings or associated waste rejected at any West Virginia solid waste facility. The notice shall be provided within 24 hours of rejection and the permittee shall also disclose where it was properly disposed.

RECEIVED
Office Of Oil and Gas
OCT 13 2026
WV Department of
Environmental Protection

I certify that I understand and agree to the terms and conditions of the GENERAL WATER POLLUTION PERMIT issued on April 1, 2016, by the Office of Oil and Gas of the West Virginia Department of Environmental Protection. I understand that the provisions of the permit are enforceable by law. Violations of any term or condition of the general permit and/or other applicable law or regulation can lead to enforcement action.

I certify under penalty of law that I have personally examined and am familiar with the information submitted on this application form and all attachments thereto 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 or imprisonment.

Company Official Signature Gretchen Kohler

Company Official (Typed Name) Gretchen Kohler

Company Official Title Director of Environmental & Regulatory Compliance

Subscribed and sworn before me this 23 day of September, 20 26

Carly Rayne Wren Notary Public

My commission expires 10-5-30

CARLY RAYNE WREN
NOTARY PUBLIC - STATE OF COLORADO
NOTARY ID 20224038743
MY COMMISSION EXPIRES OCT 5, 2030

10/30/2026

Oil&Gas

Wells, Horizontal Only

WellStatus

- Active Well
- Permit Issued
- Permit Application
- Plugged

Wells, Active Status Only

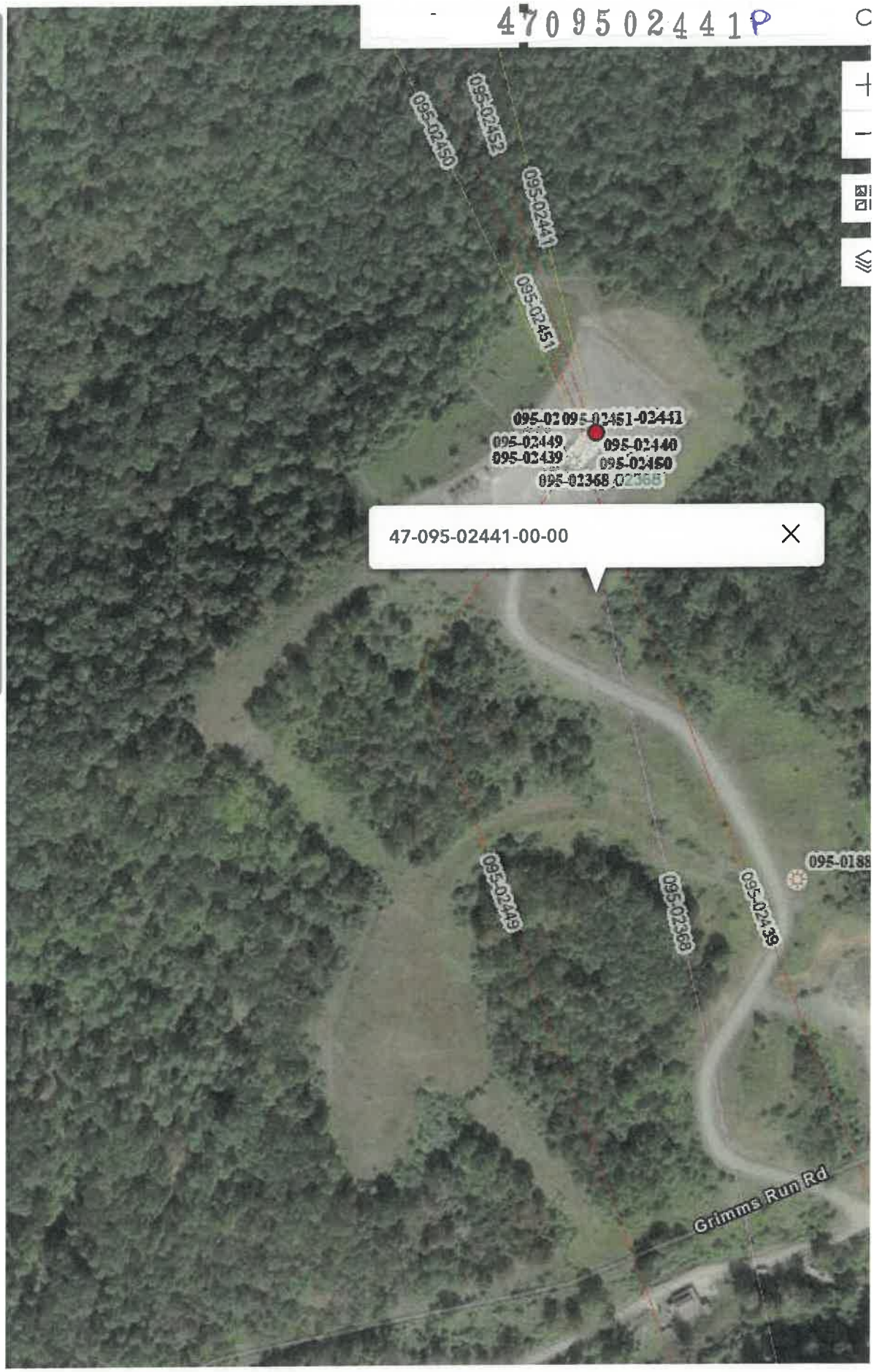
WellUse

- Brine Disposal
- Fluid Injection
- Gas Production
- House Gas
- Observation
- Oil Production
- Production
- Solution Mining
- Storage
- Vent
- <all other values>

Wells, Other than Active Status

WellUse

- Brine Disposal
- Fluid Injection
- Gas Production
- House Gas
- Observation
- Oil Production
- Production
- Solution Mining
- Storage



begin date ▼ end date ▼ 10/30/2026 rainfall tota

update

OLIVE UNIT 4H - API#47-095-02441
OLIVE UNIT 1H - API#47-095-02450
MIDGE UNIT 4H - API#47-095-02440

WELL PLUGGING PLAN

CENTERVILLE & MEADE DISTRICTS, TYLER COUNTY, WEST VIRGINIA
SANCHO CREEK WATERSHED
USGS 7.5 MIDDLEBOURNE & SHIRLEY QUAD MAPS

LOCATION COORDINATES:
ACCESS ROAD ENTRANCE:
NAD83 UTM ZONE 17 METERS: N 4359194.09 E 507936.06 (NAD 83)
CENTROID OF WELL PAD LOCATION: N 4359082.61 E 507936.06 (UTM ZONE 17 METERS)
LATITUDE 39.488944 -80.818597 (NAD 83)
N 4359082.61 E 507936.18 (UTM ZONE 17 METERS)

GENERAL DESCRIPTION:
THE PLUGGING OF EXISTING HORIZONTAL GAS WELLS.

FLOODPLAIN NOTES:
THE SITE IS LOCATED WITHIN FEMA FLOOD ZONE 'X' PER FEMA FIRMETTE MAP #54095C0050C.

MISS UTILITY STATEMENT:
ALL UTILITIES WITHIN THE PROJECT AREA SHALL BE NOTIFIED MISS UTILITY OF WEST VIRGINIA FOR THE LOCATING OF UTILITIES PRIOR TO THEIR PROJECT DESIGN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING MISS UTILITY AND CONTACTED BY THE CONTRACTOR PRIOR TO THE START OF CONSTRUCTION FOR THIS PROJECT.

ENTRANCE PERMIT:
ANTERO RESOURCES CORPORATION HAS OBTAINED AN ENCROACHMENT PERMIT (PERMIT #04-1190) FROM THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS, PRIOR TO COMMENCEMENT OF CONSTRUCTION ACTIVITIES.

ENVIRONMENTAL NOTES:
ALL ENVIRONMENTAL FIELD WORK PERFORMED NOVEMBER 2016 BY CEC CORRESPONDENCE INC. & STREAM AND WETLAND DELINEATIONS WERE PERFORMED NOVEMBER 2016 BY CEC CORRESPONDENCE INC. & WETLANDS BY ALLEGHENY TO DETERMINE THE SIZE FOR WATERS AND WETLANDS THAT ARE JOINTLY VERIFIED BY THE WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION, ARMY CORPS OF ENGINEERS (USACE) AND/OR THE WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION. A PRELIMINARY JURISDICTIONAL DETERMINATION (PJD) WAS PREPARED BY CEC CORRESPONDENCE, INC. & SUPPORT IS ON FILE. DELINEATION MAP & PJD PREPARED BY ALLEGHENY WETLAND CONSULTANTS

4709502441P

CONSTRUCTION AND E&S CONTROL NOTES

CONSTRUCTION NOTES:

1. THE CONTRACTOR IS TO CONTACT WEST VIRGINIA ONE CALL SYSTEM, INC. (811 OR 1-800-245-4848) AT LEAST 72 HOURS PRIOR TO THE START OF CONSTRUCTION AND ALL UTILITY OWNERS SHALL BE NOTIFIED PRIOR TO THE START OF CONSTRUCTION. ALL UTILITIES SHOWN ON THE APPROVED PLANS ARE APPROXIMATE LOCATIONS ONLY. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO FIELD VERIFY THE EXACT LOCATION OF ALL UTILITIES PRIOR TO THE START OF CONSTRUCTION. THE CONTRACTOR SHALL NOTIFY ALL UTILITY OWNERS OF ANY CONFLICTS BETWEEN THE APPROVED PLANS AND FIELD CONDITIONS PRIOR TO THE START OF CONSTRUCTION.
2. WEEKDAY AND WEEKENDAY USED IN THE CONSTRUCTION OF THE IMPROVEMENTS SHOWN ON THESE PLANS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE LATEST EDITION OF THE WEST VIRGINIA DIVISION OF HIGHWAYS STANDARD SPECIFICATIONS FOR ROADS AND BRIDGES, ADOPTED JANUARY 2, 2019, AND THE LATEST EDITION OF THE WEST VIRGINIA DIVISION OF HIGHWAYS STANDARD DETAILS, ADOPTED JANUARY 2, 2019, UNLESS OTHERWISE NOTED ON THESE PLANS OR IN THE PERMIT.
3. ALL APPROVED SET OF PLANS AND ALL APPLICABLE PERMITS MUST BE AVAILABLE AT THE SITE AT ALL TIMES. ALSO, A RECORDS COPY OF THE APPROVED PLANS MUST BE AVAILABLE AT THE SITE AT ALL TIMES.
4. THE CONTRACTOR SHALL PROVIDE ADEQUATE MEANS OF CLEANING AND FINAL INSPECTION OF ALL EQUIPMENT PRIOR TO ENTERING PUBLIC RIGHTS-OF-WAY AND TO PREVENT THE TRACKING OF MUD AND DEBRIS ONTO PUBLIC ROADWAYS. ANY MATERIAL TRACKED ONTO PUBLIC ROADWAYS SHALL BE REMOVED IMMEDIATELY BY THE CONTRACTOR.
5. THE LOCATION OF EXISTING UTILITIES SHOWN IN THE PLANS ARE FROM FIELD SURVEY AND/OR AVAILABLE RECORDS. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE LOCATION OF ALL EXISTING UTILITIES PRIOR TO THE START OF ANY CONSTRUCTION. THE CONTRACTOR SHALL NOTIFY THE OWNERS OF ALL EXISTING UTILITIES AND THE APPROVED CONSTRUCTION.
6. THE CONTRACTOR SHALL PROVIDE NOTIFICATION TO THE APPROPRIATE UTILITY COMPANY PRIOR TO ANY BLASTING OPERATIONS.
7. THE CONTRACTOR WILL BE RESPONSIBLE FOR THE REPAIR OF ANY DAMAGES TO THE CONSTRUCTION PROJECT WITHIN OR CONTIGUOUS TO THE LIMITS OF THE PROJECT—OF—WAY.
8. WHEN CHANGES ARE PROPOSED EITHER EMERGENCY OR UTILITY ALTERATIONS FROM THE APPROVED CONSTRUCTION PLANS, THE CONTRACTOR SHALL NOTIFY THE PERMITTEE AND OBTAIN APPROVAL FROM ALL AFFECTED COMPANIES PRIOR TO CAUSING SUCH CHANGES.
9. WHERE REQUIRED BY THE PERMITTEE FOR THE RELOCATION OF ANY UTILITIES SHOWN ON THE PLANS, THE RELOCATION SHALL BE COMPLETED PRIOR TO CONSTRUCTION.
10. THERE PLANS DEPICT THE LOCATION OF ALL KNOWN STRUCTURES, CHARACTERISTICS, AND FEATURES WITHIN THE CONSTRUCTION AREA. THE CONTRACTOR SHALL TAKE SUCH STRUCTURES, CHARACTERISTICS, AND FEATURES INTO CONSIDERATION AND PROVIDED HOWEVER THAT NO ADDITIONAL COMPENSATION SHALL BE PAID.
11. THE CONTRACTOR SHALL NOTIFY OPERATORS WHO MAINTAIN UNDERGROUND OR OVERHEAD LINES OF BLASTING OPERATIONS AT LEAST TWO (2) WORKING DAYS, BUT NOT MORE THAN FIVE (5) WORKING DAYS, PRIOR TO COMMENCEMENT OF BLASTING OPERATIONS.
12. CONTRACTOR TO CONTACT OPERATOR AND ENGINEER IF GROUNDWATER IS ENCOUNTERED.
13. SEE DETAILS ON SHEET 5 FOR SCHEDULE A PRE-CONSTRUCTION MEETING WITH THE OPERATOR.
14. THE CONTRACTOR IS RESPONSIBLE FOR ALL TEMPORARY PROPERTY DAMAGES AND INJURIES CAUSED BY THE CONSTRUCTION PROJECT. ALL DAMAGES SHALL BE REPAIRED TO THE SATISFACTION OF THE PROPERTY OWNER PRIOR TO THE FINAL INSPECTION BY THE OPERATOR. THE CONTRACTOR SHALL NOTIFY THE OPERATOR AT LEAST 48 HOURS PRIOR TO THE FINAL INSPECTION TO ALLOW FOR ATTENDANCE BY THE OPERATOR.
15. ANY CONSTRUCTION ENTRANCE OR INTERIOR HAUL ROAD CONSTRUCTED ON THE PROJECT SITE MUST BE REMOVED AND PROPERLY DISPOSED OF BEFORE FINAL INSPECTION.
16. ALL CONSTRUCTION ENTRANCES SHALL BE CONSTRUCTED AND MAINTAINED AT LOCATIONS WHERE VEHICLES LEAVE THE CONSTRUCTION SITE AND ENTER PUBLIC ROADWAYS. ALL CONSTRUCTION ENTRANCES SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE MINIMUM STANDARDS AND SPECIFICATIONS FOR CONSTRUCTION ENTRANCES AS CONTAINED IN THE LATEST EDITION OF THE WEST VIRGINIA EROSION AND SEDIMENT CONTROL FIELD MANUAL.
17. ALL CONSTRUCTION ENTRANCES SHALL BE CONSTRUCTED AT LOCATIONS SHOWN ON THE APPROVED PLANS. ANY CONSTRUCTION ENTRANCE CONSTRUCTED AT A LOCATION NOT SHOWN ON THE APPROVED PLANS MUST BE APPROVED BY THE OPERATOR PRIOR TO CONSTRUCTION.
18. THE CONTRACTOR SHALL MAINTAIN ALL CONSTRUCTION ENTRANCES THROUGHOUT THE CONSTRUCTION PROJECT. THE CONTRACTOR SHALL ADD STONE AS NEEDED TO KEEP THE ENTRANCE FREE OF MUD AND DEBRIS. ALL MATERIAL SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC ROADWAYS SHALL BE REMOVED IMMEDIATELY.
19. ALL CONSTRUCTION ENTRANCES SHALL BE REMOVED AT THE COMPLETION OF THE PROJECT AND ALL DISTURBED AREAS SHALL BE PROPERLY GRADED AND SEEDED.
20. ALL CONSTRUCTION ENTRANCES SHALL BE CONSTRUCTED WITH A MINIMUM WIDTH OF 24 FEET.
21. ALL EXISTING AND DISTURBED CULVERTS AND DITCHES SHALL BE CLEANED OF ALL DEBRIS DURING THE COURSE OF CONSTRUCTION. ANY DAMAGE SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.
22. ALL EXISTING AND DISTURBED CULVERTS AND DITCHES SHALL BE CLEANED AND MAINTAINED BY THE CONTRACTOR DURING THE COURSE OF CONSTRUCTION. ANY DAMAGE SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.

EROSION AND SEDIMENT CONTROL NARRATIVE:

THE PURPOSE OF THIS PROJECT IS TO CONSTRUCT A GAS WELL PAD AND WATER CONTAINMENT PAD TO AID IN THE DRILLING AND COMPLETION OF THE LEMUEL WELL. THE PROJECT IS LOCATED ON THE NORTH SIDE OF CO. RT. 7/1, APPROXIMATELY 0.5 MILES EAST OF THE INTERSECTION OF CO. RT. 7/1 AND CO. RT. 32 IN CENTERVILLE, TYLER COUNTY, WEST VIRGINIA. THE TOTAL DISTURBANCE ASSOCIATED WITH THIS PROJECT IS 4.17 ACRES.

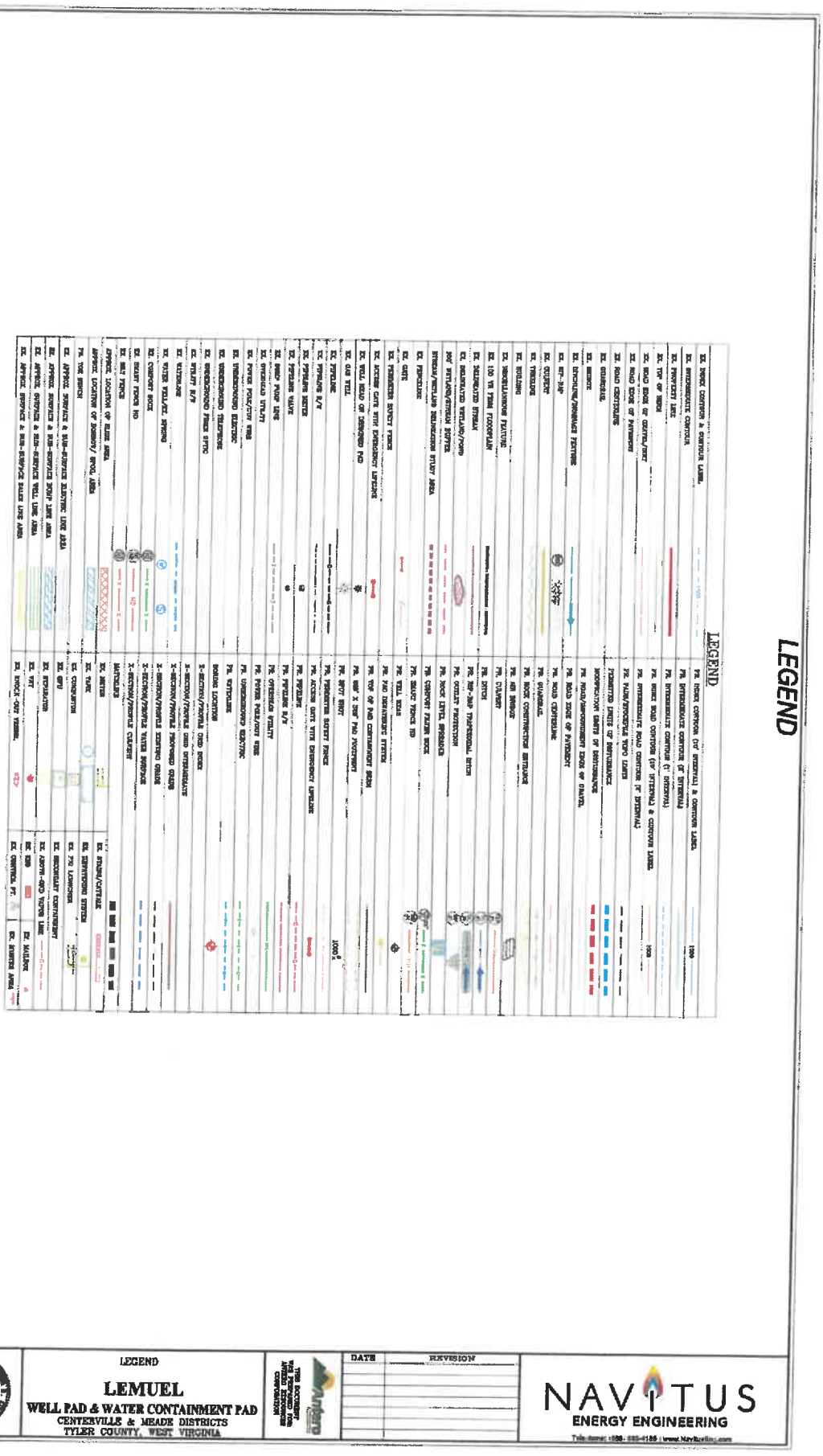
THE EXISTING SITE CONSISTS OF FOREST LAND WITH AN EXISTING GRAVEL ACCESS ROAD. THE SITE IS BORDERED BY FORESTED LAND ON ALL SIDES.

RUNOFF FROM THE DISTURBED AREA OF APPROXIMATELY 4.17 ACRES WILL DRAIN TO THE EXISTING CULVERTED ROAD DITCH ALONG CO. RT. 7/1 AND TO AN EXISTING CULVERT UNDER CO. RT. 7/1. THE SITE DRAINS TO APPROX. 1,000 LINEAR FEET OF EXISTING ROAD DITCH, 1 EXISTING CULVERT, AND 1 EXISTING STREAM CROSSING. NO DRAINAGE WAS NOTED ON SITE.

ANTICIPATED CONSTRUCTION SEQUENCE:

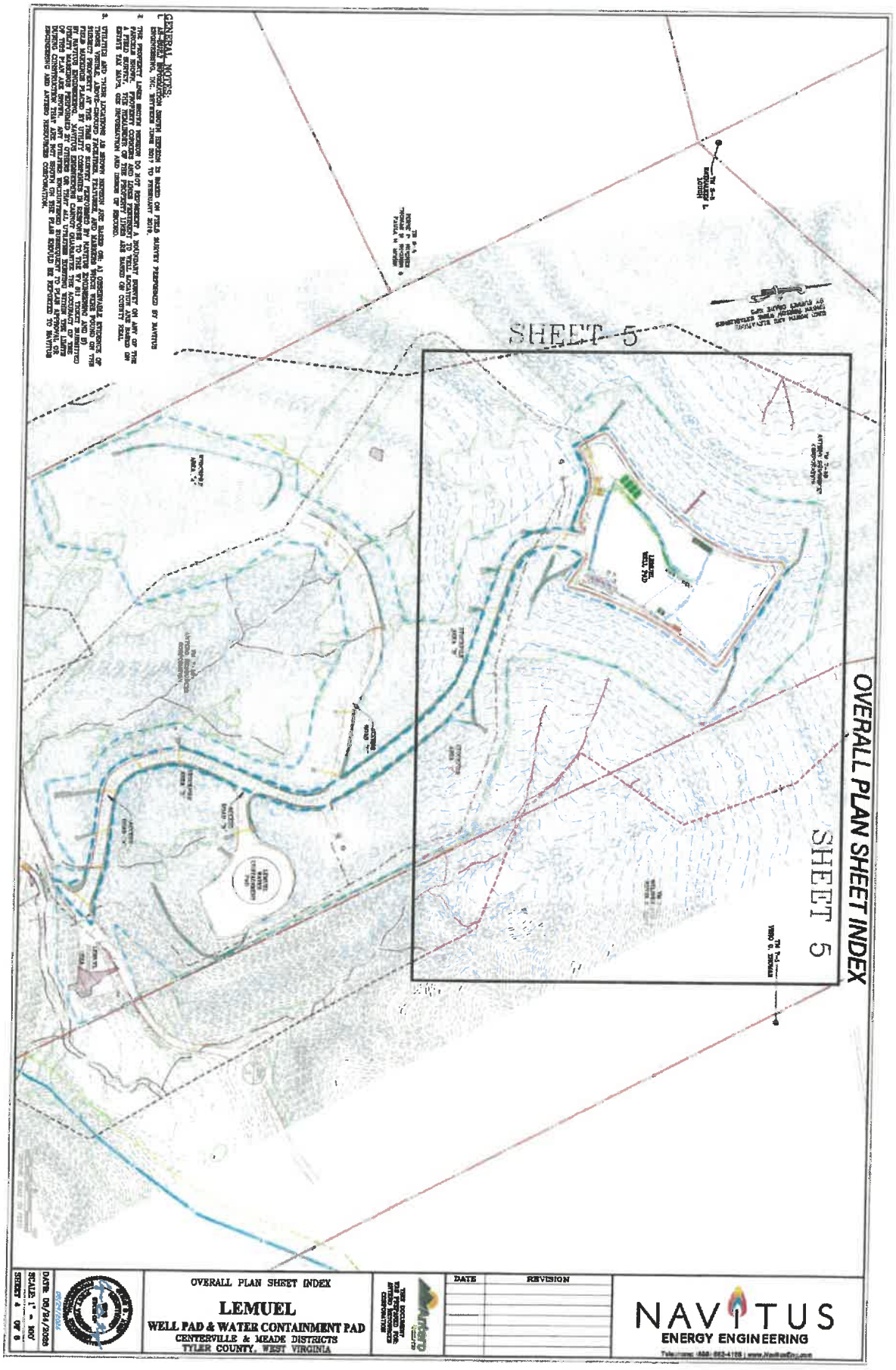
CONSTRUCTION ACTIVITIES WILL BEGIN WITH THE INSTALLATION OF PERIMETER EROSION AND SEDIMENT CONTROL BMPS AS SHOWN ON THE PLANS. ONCE THE PERIMETER BMPS ARE INSTALLED, THE CONTRACTOR SHALL BEGIN CLEARING AND GRUBBING OPERATIONS. ALL TOPSOIL STRIPPED SHALL BE STOCKPILED IN THE LOCATIONS SHOWN ON THE PLANS AND SURROUNDED BY SEDIMENT CONTROL BMPS. ONCE ROUGH GRADING IS COMPLETE, THE CONTRACTOR SHALL BEGIN CONSTRUCTION OF THE ACCESS ROAD AND WELL PAD. ALL DISTURBED AREAS SHALL BE STABILIZED IMMEDIATELY FOLLOWING FINAL GRADING AND PRIOR TO THE END OF EACH WORK DAY. ALL DISTURBED AREAS SHALL BE STABILIZED WITHIN 7 DAYS OF INITIAL DISTURBANCE OR PRIOR TO ANY FORECASTED RAIN EVENT. ALL DISTURBED AREAS SHALL BE STABILIZED IN ACCORDANCE WITH THE PROVISIONS OF THE APPROVED PLANS.

1. A PRE-CONSTRUCTION CONFERENCE WITH THE OPERATOR/OWNER, CONSTRUCTION CONTRACTOR AND PERMITTEE OR DESIGNEE SHALL BE HELD PRIOR TO CONSTRUCTION ACTIVITIES BEGINNING. ADDITIONAL MEETINGS INVOLVING THE CONSTRUCTION CONTRACTOR, SUBCONTRACTORS, AND OPERATOR SHALL BE HELD AS NECESSARY TO ADDRESS ANY SEDIMENT AND EROSION CONTROL ISSUES THAT ARISE DURING THE CONSTRUCTION OF THE PROJECT. A PRE-CONSTRUCTION CONFERENCE SHALL BE HELD BEFORE EACH STAGE OF CONSTRUCTION BEGINS.
2. STAKE THE LIMITS OF CONSTRUCTION AND MARK/FLAG ALL SENSITIVE AREAS TO BE PROTECTED, AND OTHER AREAS OF CONCERN FOR CONSTRUCTION ACTIVITIES. ENSURE ALL CONTRACTORS ARE AWARE OF THE LIMITS OF DISTURBANCE AND SENSITIVE AREAS AS APPROVED ACCESS ROADS, TOPSOIL/SPOILBANK LOCATIONS, ETC.
3. CONSTRUCT ALL BMP'S AS SHOWN AND DESCRIBED ON THE APPROVED PLANS. BMPS SHALL BE IN PLACE AND FUNCTIONAL BEFORE ANY EARTH DISTURBANCE BEGINS. ALL BMPS SHALL BE INSPECTED AND MAINTAINED DAILY DURING CONSTRUCTION ACTIVITIES AND AFTER EACH RAIN EVENT. ALL BMPS SHALL BE MAINTAINED UNTIL THE SITE IS PERMANENTLY STABILIZED. ALL BMPS SHALL BE REMOVED AT THE END OF THE PROJECT.
4. CONSTRUCT ALL ACCESS ROADS, PARKING AREAS, AND STAGING AREAS AS SHOWN ON THE PLANS. CONTRACTOR SHALL LIMIT VEHICLE TRAFFIC TO THE DESIGNATED ROUTES AND AREAS. ALL ACCESS ROADS SHALL BE STABILIZED WITH CRUSHED STONE AT THE START OF CONSTRUCTION.
5. IF APPLICABLE, INSTALL ALL WILDLIFE OR STREAM CROSSINGS AS SHOWN ON THE PLANS.
6. STRIP TOPSOIL FROM ALL ACCESS ROAD, PAD AND PIT AREAS AND STOCKPILE IN LOCATIONS SHOWN ON THE PLANS. PERIMETER CONTROLS SHALL BE INSTALLED AROUND ALL TOPSOIL STOCKPILES PRIOR TO PLACEMENT OF TOPSOIL. TOPSOIL SHALL BE SEEDED AND MULCHED IMMEDIATELY.
7. CONSTRUCT ACCESS ROAD, PAD AND PIT AREAS AS SHOWN ON THE PLANS. ALL FILL AREAS SHALL BE COMPACTED IN LIFTS NOT EXCEEDING 12 INCHES IN THICKNESS. ALL ROCK EXCAVATED DURING CONSTRUCTION SHALL BE USED AS FILL MATERIAL WHERE POSSIBLE. ALL EXCESS ROCK SHALL BE DISPOSED OF IN AN APPROVED MANNER AND LOCATION.
8. CONSTRUCT ALL DRAINAGE CONTROL STRUCTURES AS SHOWN ON THE PLANS. ALL DRAINAGE CONTROL STRUCTURES SHALL BE INSTALLED AS CONSTRUCTION PROGRESSES AND PRIOR TO THE END OF EACH WORK DAY. ALL DRAINAGE CONTROL STRUCTURES SHALL BE INSPECTED AND MAINTAINED DAILY DURING CONSTRUCTION ACTIVITIES AND AFTER EACH RAIN EVENT. ALL DRAINAGE CONTROL STRUCTURES SHALL BE MAINTAINED UNTIL THE SITE IS PERMANENTLY STABILIZED. ALL DRAINAGE CONTROL STRUCTURES SHALL BE REMOVED AT THE END OF THE PROJECT.
9. CLEAN AND SCAN THE SITE, ALL TOPSOIL MATERIAL, EQUIPMENT, TIRES, STRUCTURES, LARGE ROCKS, DEBRIS, AND TRASH SHALL BE CLEANED FROM THE SITE AREA AND DISPOSED OF IN AN APPROVED MANNER. THERE SHALL BE NO TRASH OR DEBRIS BURIED ONSITE. CONTRACTOR SHALL ENSURE THAT ALL EQUIPMENT AND VEHICLES LEAVING THE SITE ARE FREE OF MUD AND DEBRIS TO PREVENT TRACKING ONTO PUBLIC ROADWAYS. ALL TRASH AND DEBRIS SHALL BE DISPOSED OF IN AN APPROVED LANDFILL.
10. CONSTRUCT PAD ROCK CONSTRUCTION ENTRANCE. ALL VEHICLES ENTERING AND EXITING THE SITE SHALL DO SO VIA THIS ROCK CONSTRUCTION ENTRANCE.
11. CONSTRUCT ALL BMP'S AS SHOWN AND DESCRIBED ON THE APPROVED PLANS. BMPS SHALL BE IN PLACE AND FUNCTIONAL BEFORE ANY EARTH DISTURBANCE BEGINS. ALL BMPS SHALL BE INSPECTED AND MAINTAINED DAILY DURING CONSTRUCTION ACTIVITIES AND AFTER EACH RAIN EVENT. ALL BMPS SHALL BE MAINTAINED UNTIL THE SITE IS PERMANENTLY STABILIZED. ALL BMPS SHALL BE REMOVED AT THE END OF THE PROJECT.
12. CONSTRUCT PAD AND ACCESS ROAD DITCHES AS SHOWN ON THE PLANS. ROCK LINED DITCHES SHALL BE CONSTRUCTED WITH A MINIMUM 6" LAYER OF #1 STONE. ALL DITCHES SHALL BE INSPECTED AND MAINTAINED DAILY DURING CONSTRUCTION ACTIVITIES AND AFTER EACH RAIN EVENT. ALL DITCHES SHALL BE MAINTAINED UNTIL THE SITE IS PERMANENTLY STABILIZED. ALL DITCHES SHALL BE REMOVED AT THE END OF THE PROJECT.
13. CONSTRUCT PAD ROCK LINED DITCH AT THE TOE OF THE FILL SLOPE AS SHOWN ON THE PLANS. ROCK LINED DITCHES SHALL BE CONSTRUCTED WITH A MINIMUM 6" LAYER OF #1 STONE. ALL DITCHES SHALL BE INSPECTED AND MAINTAINED DAILY DURING CONSTRUCTION ACTIVITIES AND AFTER EACH RAIN EVENT. ALL DITCHES SHALL BE MAINTAINED UNTIL THE SITE IS PERMANENTLY STABILIZED. ALL DITCHES SHALL BE REMOVED AT THE END OF THE PROJECT.
14. CONSTRUCT PAD ROCK CONSTRUCTION ENTRANCE AT THE ENTRANCE TO THE PAD AS SHOWN ON THE PLANS. ROCK CONSTRUCTION ENTRANCES SHALL BE CONSTRUCTED WITH A MINIMUM 6" LAYER OF #1 STONE. ALL CONSTRUCTION ENTRANCES SHALL BE INSPECTED AND MAINTAINED DAILY DURING CONSTRUCTION ACTIVITIES AND AFTER EACH RAIN EVENT. ALL CONSTRUCTION ENTRANCES SHALL BE MAINTAINED UNTIL THE SITE IS PERMANENTLY STABILIZED. ALL CONSTRUCTION ENTRANCES SHALL BE REMOVED AT THE END OF THE PROJECT.
15. ALL ROCK USED SHALL CONSIST OF HARD, DURABLE STONE FREE FROM EXCESS DIRT OR OTHER OBJECTIONABLE MATERIAL. ALL ROCK SHALL BE OBTAINED FROM AN APPROVED QUARRY SOURCE.
16. ALL DISTURBED AREAS SHALL BE STABILIZED WITH PERMANENT SEEDING AND MULCHING IMMEDIATELY FOLLOWING FINAL GRADING AND PRIOR TO THE END OF EACH WORK DAY. ALL DISTURBED AREAS SHALL BE STABILIZED WITHIN 7 DAYS OF INITIAL DISTURBANCE OR PRIOR TO ANY FORECASTED RAIN EVENT. ALL DISTURBED AREAS SHALL BE STABILIZED IN ACCORDANCE WITH THE PROVISIONS OF THE APPROVED PLANS.
17. ALL SLOPES GREATER THAN 3:1 SHALL BE STABILIZED WITH EROSION CONTROL BLANKET IN ADDITION TO SEEDING AND MULCHING.
18. ALL TOPSOIL STOCKPILES SHALL BE SURROUNDED BY PERIMETER CONTROLS IMMEDIATELY FOLLOWING PLACEMENT OF TOPSOIL. TOPSOIL STOCKPILES SHALL BE SEEDED AND MULCHED IMMEDIATELY.
19. ALL DISTURBED AREAS NOT COVERED BY IMPERVIOUS SURFACE, GRAVEL, OR ROCK SHALL BE SEEDED AND MULCHED IMMEDIATELY FOLLOWING FINAL GRADING AND PRIOR TO THE END OF EACH WORK DAY. ALL DISTURBED AREAS SHALL BE STABILIZED WITHIN 7 DAYS OF INITIAL DISTURBANCE OR PRIOR TO ANY FORECASTED RAIN EVENT. ALL DISTURBED AREAS SHALL BE STABILIZED IN ACCORDANCE WITH THE PROVISIONS OF THE APPROVED PLANS.
20. ALL SEEDED AREAS SHALL BE TESTED AT LEAST ONCE EVERY 3 YEARS AND AMENDED AS NEEDED TO MAINTAIN A PH OF 6.5 OR GREATER. ALL SEEDED AREAS SHALL BE MAINTAINED AND REPAIRED AS NECESSARY TO ENSURE ADEQUATE VEGETATION.
21. IF APPLICABLE, INSTALL ALL STORMWATER CONVEYANCE SYSTEMS AS SHOWN ON THE PLANS. ALL STORMWATER CONVEYANCE SYSTEMS SHALL BE INSPECTED AND MAINTAINED DAILY DURING CONSTRUCTION ACTIVITIES AND AFTER EACH RAIN EVENT. ALL STORMWATER CONVEYANCE SYSTEMS SHALL BE MAINTAINED UNTIL THE SITE IS PERMANENTLY STABILIZED. ALL STORMWATER CONVEYANCE SYSTEMS SHALL BE REMOVED AT THE END OF THE PROJECT.
22. ALL DISTURBED AREAS SHALL BE TESTED AT LEAST ONCE EVERY 3 YEARS AND AMENDED AS NEEDED TO MAINTAIN A PH OF 6.5 OR GREATER. ALL DISTURBED AREAS SHALL BE MAINTAINED AND REPAIRED AS NECESSARY TO ENSURE ADEQUATE VEGETATION.
23. ALL FILL AREAS SHALL BE TESTED BY AN INDEPENDENT LICENSED GEOTECHNICAL ENGINEER TO ENSURE PROPER COMPACTION. ALL FILL AREAS SHALL BE COMPACTED IN LIFTS NOT EXCEEDING 12 INCHES.
24. CONSTRUCT ALL ACCESS ROADS, PADS, AND PITS IN ACCORDANCE WITH THE APPROVED PLANS. ALL ROADS SHALL BE TESTED BY AN INDEPENDENT LICENSED GEOTECHNICAL ENGINEER TO ENSURE PROPER COMPACTION. ALL ROADS SHALL BE CONSTRUCTED WITH A MINIMUM 6" LAYER OF #1 STONE. ALL ROADS SHALL BE INSPECTED AND MAINTAINED DAILY DURING CONSTRUCTION ACTIVITIES AND AFTER EACH RAIN EVENT. ALL ROADS SHALL BE MAINTAINED UNTIL THE SITE IS PERMANENTLY STABILIZED. ALL ROADS SHALL BE REMOVED AT THE END OF THE PROJECT.
25. ANY SEDIMENT TRACKED ONTO PUBLIC ROADWAYS OR DISTURBED AREAS SHALL BE REMOVED TO THE SATISFACTION OF THE OPERATOR. ANY DISTURBED AREAS DAMAGED BY REMOVAL OF SEDIMENT SHALL BE REPAIRED AS NECESSARY TO ENSURE ADEQUATE VEGETATION.
26. ALL DISTURBED AREAS SHALL BE STABILIZED WITH PERMANENT SEEDING AND MULCHING IMMEDIATELY FOLLOWING FINAL GRADING AND PRIOR TO THE END OF EACH WORK DAY. ALL DISTURBED AREAS SHALL BE STABILIZED WITHIN 7 DAYS OF INITIAL DISTURBANCE OR PRIOR TO ANY FORECASTED RAIN EVENT. ALL DISTURBED AREAS SHALL BE STABILIZED IN ACCORDANCE WITH THE PROVISIONS OF THE APPROVED PLANS.
27. ALL DISTURBED AREAS SHALL BE STABILIZED WITH PERMANENT SEEDING AND MULCHING IMMEDIATELY FOLLOWING FINAL GRADING AND PRIOR TO THE END OF EACH WORK DAY. ALL DISTURBED AREAS SHALL BE STABILIZED WITHIN 7 DAYS OF INITIAL DISTURBANCE OR PRIOR TO ANY FORECASTED RAIN EVENT. ALL DISTURBED AREAS SHALL BE STABILIZED IN ACCORDANCE WITH THE PROVISIONS OF THE APPROVED PLANS.
28. ALL DISTURBED AREAS SHALL BE STABILIZED WITH PERMANENT SEEDING AND MULCHING IMMEDIATELY FOLLOWING FINAL GRADING AND PRIOR TO THE END OF EACH WORK DAY. ALL DISTURBED AREAS SHALL BE STABILIZED WITHIN 7 DAYS OF INITIAL DISTURBANCE OR PRIOR TO ANY FORECASTED RAIN EVENT. ALL DISTURBED AREAS SHALL BE STABILIZED IN ACCORDANCE WITH THE PROVISIONS OF THE APPROVED PLANS.
29. ALL DISTURBED AREAS SHALL BE STABILIZED WITH PERMANENT SEEDING AND MULCHING IMMEDIATELY FOLLOWING FINAL GRADING AND PRIOR TO THE END OF EACH WORK DAY. ALL DISTURBED AREAS SHALL BE STABILIZED WITHIN 7 DAYS OF INITIAL DISTURBANCE OR PRIOR TO ANY FORECASTED RAIN EVENT. ALL DISTURBED AREAS SHALL BE STABILIZED IN ACCORDANCE WITH THE PROVISIONS OF THE APPROVED PLANS.
30. ALL DISTURBED AREAS SHALL BE STABILIZED WITH PERMANENT SEEDING AND MULCHING IMMEDIATELY FOLLOWING FINAL GRADING AND PRIOR TO THE END OF EACH WORK DAY. ALL DISTURBED AREAS SHALL BE STABILIZED WITHIN 7 DAYS OF INITIAL DISTURBANCE OR PRIOR TO ANY FORECASTED RAIN EVENT. ALL DISTURBED AREAS SHALL BE STABILIZED IN ACCORDANCE WITH THE PROVISIONS OF THE APPROVED PLANS.
31. ALL DISTURBED AREAS SHALL BE STABILIZED WITH PERMANENT SEEDING AND MULCHING IMMEDIATELY FOLLOWING FINAL GRADING AND PRIOR TO THE END OF EACH WORK DAY. ALL DISTURBED AREAS SHALL BE STABILIZED WITHIN 7 DAYS OF INITIAL DISTURBANCE OR PRIOR TO ANY FORECASTED RAIN EVENT. ALL DISTURBED AREAS SHALL BE STABILIZED IN ACCORDANCE WITH THE PROVISIONS OF THE APPROVED PLANS.
32. ALL DISTURBED AREAS SHALL BE STABILIZED WITH PERMANENT SEEDING AND MULCHING IMMEDIATELY FOLLOWING FINAL GRADING AND PRIOR TO THE END OF EACH WORK DAY. ALL DISTURBED AREAS SHALL BE STABILIZED WITHIN 7 DAYS OF INITIAL DISTURBANCE OR PRIOR TO ANY FORECASTED RAIN EVENT. ALL DISTURBED AREAS SHALL BE STABILIZED IN ACCORDANCE WITH THE PROVISIONS OF THE APPROVED PLANS.
33. ALL DISTURBED AREAS SHALL BE STABILIZED WITH PERMANENT SEEDING AND MULCHING IMMEDIATELY FOLLOWING FINAL GRADING AND PRIOR TO THE END OF EACH WORK DAY. ALL DISTURBED AREAS SHALL BE STABILIZED WITHIN 7 DAYS OF INITIAL DISTURBANCE OR PRIOR TO ANY FORECASTED RAIN EVENT. ALL DISTURBED AREAS SHALL BE STABILIZED IN ACCORDANCE WITH THE PROVISIONS OF THE APPROVED PLANS.
34. ALL DISTURBED AREAS SHALL BE STABILIZED WITH PERMANENT SEEDING AND MULCHING IMMEDIATELY FOLLOWING FINAL GRADING AND PRIOR TO THE END OF EACH WORK DAY. ALL DISTURBED AREAS SHALL BE STABILIZED WITHIN 7 DAYS OF INITIAL DISTURBANCE OR PRIOR TO ANY FORECASTED RAIN EVENT. ALL DISTURBED AREAS SHALL BE STABILIZED IN ACCORDANCE WITH THE PROVISIONS OF THE APPROVED PLANS.
35. ALL DISTURBED AREAS SHALL BE STABILIZED WITH PERMANENT SEEDING AND MULCHING IMMEDIATELY FOLLOWING FINAL GRADING AND PRIOR TO THE END OF EACH WORK DAY. ALL DISTURBED AREAS SHALL BE STABILIZED WITHIN 7 DAYS OF INITIAL DISTURBANCE OR PRIOR TO ANY FORECASTED RAIN EVENT. ALL DISTURBED AREAS SHALL BE STABILIZED IN ACCORDANCE WITH THE PROVISIONS OF THE APPROVED PLANS.
36. ALL DISTURBED AREAS SHALL BE STABILIZED WITH PERMANENT SEEDING AND MULCHING IMMEDIATELY FOLLOWING FINAL GRADING AND PRIOR TO THE END OF EACH WORK DAY. ALL DISTURBED AREAS SHALL BE STABILIZED WITHIN 7 DAYS OF INITIAL DISTURBANCE OR PRIOR TO ANY FORECASTED RAIN EVENT. ALL DISTURBED AREAS SHALL BE STABILIZED IN ACCORDANCE WITH THE PROVISIONS OF THE APPROVED PLANS.
37. ALL DISTURBED AREAS SHALL BE STABILIZED WITH PERMANENT SEEDING AND MULCHING IMMEDIATELY FOLLOWING FINAL GRADING AND PRIOR TO THE END OF EACH WORK DAY. ALL DISTURBED AREAS SHALL BE STABILIZED WITHIN 7 DAYS OF INITIAL DISTURBANCE OR PRIOR TO ANY FORECASTED RAIN EVENT. ALL DISTURBED AREAS SHALL BE STABILIZED IN ACCORDANCE WITH THE PROVISIONS OF THE APPROVED PLANS.
38. ALL DISTURBED AREAS SHALL BE STABILIZED WITH PERMANENT SEEDING AND MULCHING IMMEDIATELY FOLLOWING FINAL GRADING AND PRIOR TO THE END OF EACH WORK DAY. ALL DISTURBED AREAS SHALL BE STABILIZED WITHIN 7 DAYS OF INITIAL DISTURBANCE OR PRIOR TO ANY FORECASTED RAIN EVENT. ALL DISTURBED AREAS SHALL BE STABILIZED IN ACCORDANCE WITH THE PROVISIONS OF THE APPROVED PLANS.
39. ALL DISTURBED AREAS SHALL BE STABILIZED WITH PERMANENT SEEDING AND MULCHING IMMEDIATELY FOLLOWING FINAL GRADING AND PRIOR TO THE END OF EACH WORK DAY. ALL DISTURBED AREAS SHALL BE STABILIZED WITHIN 7 DAYS OF INITIAL DISTURBANCE OR PRIOR TO ANY FORECASTED RAIN EVENT. ALL DISTURBED AREAS SHALL BE STABILIZED IN ACCORDANCE WITH THE PROVISIONS OF THE APPROVED PLANS.
40. ALL DISTURBED AREAS SHALL BE STABILIZED WITH PERMANENT SEEDING AND MULCHING IMMEDIATELY FOLLOWING FINAL GRADING AND PRIOR TO THE END OF EACH WORK DAY. ALL DISTURBED AREAS SHALL BE STABILIZED WITHIN 7 DAYS OF INITIAL DISTURBANCE OR PRIOR TO ANY FORECASTED RAIN EVENT. ALL DISTURBED AREAS SHALL BE STABILIZED IN ACCORDANCE WITH THE PROVISIONS OF THE APPROVED PLANS.
41. ALL DISTURBED AREAS SHALL BE STABILIZED WITH PERMANENT SEEDING AND MULCHING IMMEDIATELY FOLLOWING FINAL GRADING AND PRIOR TO THE END OF EACH WORK DAY. ALL DISTURBED AREAS SHALL BE STABILIZED WITHIN 7 DAYS OF INITIAL DISTURBANCE OR PRIOR TO ANY FORECASTED RAIN EVENT. ALL DISTURBED AREAS SHALL BE STABILIZED IN ACCORDANCE WITH THE PROVISIONS OF THE APPROVED PLANS.
42. ALL DISTURBED AREAS SHALL BE STABILIZED WITH PERMANENT SEEDING AND MULCHING IMMEDIATELY FOLLOWING FINAL GRADING AND PRIOR TO THE END OF EACH WORK DAY. ALL DISTURBED AREAS SHALL BE STABILIZED WITHIN 7 DAYS OF INITIAL DISTURBANCE OR PRIOR TO ANY FORECASTED RAIN EVENT. ALL DISTURBED AREAS SHALL BE STABILIZED IN ACCORDANCE WITH THE PROVISIONS OF THE APPROVED PLANS.
43. ALL DISTURBED AREAS SHALL BE STABILIZED WITH PERMANENT SEEDING AND MULCHING IMMEDIATELY FOLLOWING FINAL GRADING AND PRIOR TO THE END OF EACH WORK DAY. ALL DISTURBED AREAS SHALL BE STABILIZED WITHIN 7 DAYS OF INITIAL DISTURBANCE OR PRIOR TO ANY FORECASTED RAIN EVENT. ALL DISTURBED AREAS SHALL BE STABILIZED IN ACCORDANCE WITH THE PROVISIONS OF THE APPROVED PLANS.
44. ALL DISTURBED AREAS SHALL BE STABILIZED WITH PERMANENT SEEDING AND MULCHING IMMEDIATELY FOLLOWING FINAL GRADING AND PRIOR TO THE END OF EACH WORK DAY. ALL DISTURBED AREAS SHALL BE STABILIZED WITHIN 7 DAYS OF INITIAL DISTURBANCE OR PRIOR TO ANY FORECASTED RAIN EVENT. ALL DISTURBED AREAS SHALL BE STABILIZED IN ACCORDANCE WITH THE PROVISIONS OF THE APPROVED PLANS.
45. ALL DISTURBED AREAS SHALL BE STABILIZED WITH PERMANENT SEEDING AND MULCHING IMMEDIATELY FOLLOWING FINAL GRADING AND PRIOR TO THE END OF EACH WORK DAY. ALL DISTURBED AREAS SHALL BE STABILIZED WITHIN 7 DAYS OF INITIAL DISTURBANCE OR PRIOR TO ANY FORECASTED RAIN EVENT. ALL DISTURBED AREAS SHALL BE STABILIZED IN ACCORDANCE WITH THE PROVISIONS OF THE APPROVED PLANS.
46. ALL DISTURBED AREAS SHALL BE STABILIZED WITH PERMANENT SEEDING AND MULCHING IMMEDIATELY FOLLOWING FINAL GRADING AND PRIOR TO THE END OF EACH WORK DAY. ALL DISTURBED AREAS SHALL BE STABILIZED WITHIN 7 DAYS OF INITIAL DISTURBANCE OR PRIOR TO ANY FORECASTED RAIN EVENT. ALL DISTURBED AREAS SHALL BE STABILIZED IN ACCORDANCE WITH THE PROVISIONS OF THE APPROVED PLANS.
47. ALL DISTURBED AREAS SHALL BE STABILIZED WITH PERMANENT SEEDING AND MULCHING IMMEDIATELY FOLLOWING FINAL GRADING AND PRIOR TO THE END OF EACH WORK DAY. ALL DISTURBED AREAS SHALL BE STABILIZED WITHIN 7 DAYS OF INITIAL DISTURBANCE OR PRIOR TO ANY FORECASTED RAIN EVENT. ALL DISTURBED AREAS SHALL BE STABILIZED IN ACCORDANCE WITH THE PROVISIONS OF THE APPROVED PLANS.
48. ALL DISTURBED AREAS SHALL BE STABILIZED WITH PERMANENT SEEDING AND MULCHING IMMEDIATELY FOLLOWING FINAL GRADING AND PRIOR TO THE END OF EACH WORK DAY. ALL DISTURBED AREAS SHALL BE STABILIZED WITHIN 7 DAYS OF INITIAL DISTURBANCE OR PRIOR TO ANY FORECASTED RAIN EVENT. ALL DISTURBED AREAS SHALL BE STABILIZED IN ACCORDANCE WITH THE PROVISIONS OF THE APPROVED PLANS.
49. ALL DISTURBED AREAS SHALL BE STABILIZED WITH PERMANENT SEEDING AND MULCHING IMMEDIATELY FOLLOWING FINAL GRADING AND PRIOR TO THE END OF EACH WORK DAY. ALL DISTURBED AREAS SHALL BE STABILIZED WITHIN 7 DAYS OF INITIAL DISTURBANCE OR PRIOR TO ANY FORECASTED RAIN EVENT. ALL DISTURBED AREAS SHALL BE STABILIZED IN ACCORDANCE WITH THE PROVISIONS OF THE APPROVED PLANS.
50. ALL DISTURBED AREAS SHALL BE STABILIZED WITH PERMANENT SEEDING AND MULCHING IMMEDIATELY FOLLOWING FINAL GRADING AND PRIOR TO THE END OF EACH WORK DAY. ALL DISTURBED AREAS SHALL BE STABILIZED WITHIN 7 DAYS OF INITIAL DISTURBANCE OR PRIOR TO ANY FORECASTED RAIN EVENT. ALL DISTURBED AREAS SHALL BE STABILIZED IN ACCORDANCE WITH THE PROVISIONS OF THE APPROVED PLANS.
51. ALL DISTURBED AREAS SHALL BE STABILIZED WITH PERMANENT SEEDING AND MULCHING IMMEDIATELY FOLLOWING FINAL GRADING AND PRIOR TO THE END OF EACH WORK DAY. ALL DISTURBED AREAS SHALL BE STABILIZED WITHIN 7 DAYS OF INITIAL DISTURBANCE OR PRIOR TO ANY FORECASTED RAIN EVENT. ALL DISTURBED AREAS SHALL BE STABILIZED IN ACCORDANCE WITH THE PROVISIONS OF THE APPROVED PLANS.
52. ALL DISTURBED AREAS SHALL BE STABILIZED WITH PERMANENT SEEDING AND MULCHING IMMEDIATELY F



4709502441
10/30/2026

4709502441P



OVERALL PLAN SHEET INDEX

LEMUEL

WELL PAD & WATER CONTAINMENT PAD

CENTERVILLE & MEADE DISTRICTS
TYLER COUNTY, WEST VIRGINIA

DATE	REVISION

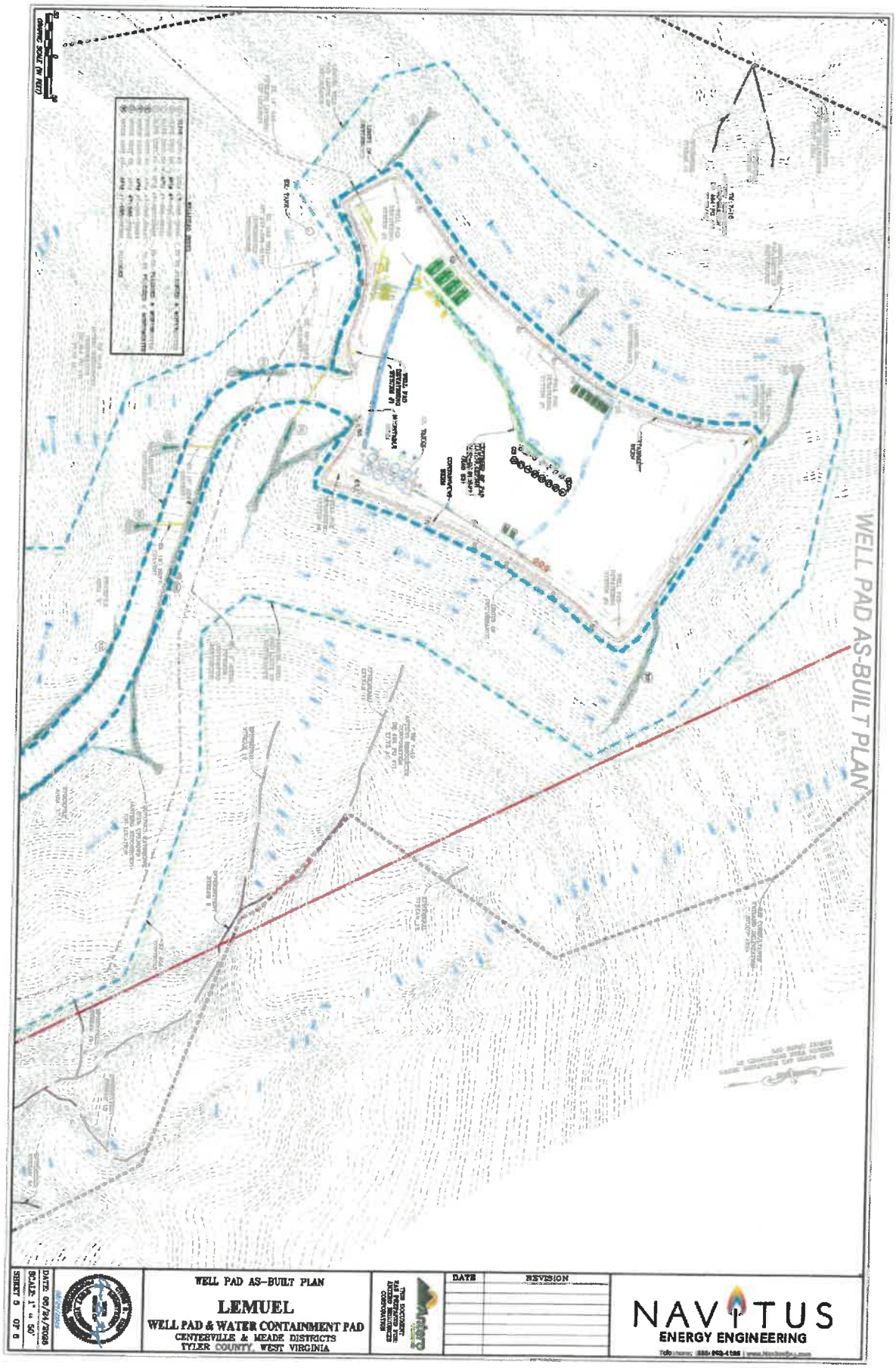
NAVITUS
ENERGY ENGINEERING

SHEET 4 OF 6
SCALE: 1" = 800'
DATE: 09/24/2020

4709502441

10/30/2026

4709502441P



WELL PAD AS-BUILT PLAN

LEMUEL

WELL PAD & WATER CONTAINMENT PAD

CENTERVILLE & MEADE DISTRICTS

TYLER COUNTY, WEST VIRGINIA

DATE | REVISION

NAVITUS ENERGY ENGINEERING

SHEET 5 OF 6

DATE: 09/24/2025

SCALE: 1" = 50'

4709502441

10/30/2026

4709502441P

RECEIVED
Office Of Oil and Gas
OCT 13 2026
WV Department of
Environmental Protection

ROCK CONSTRUCTION ENTRANCE

N.T.S.

COMPOST FILTER SOCK

N.T.S.

REVEGETATION

WEST VIRGINIA DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
WELL WORK CONSTRUCTION AND RECLAMATION PLAN
GENERAL PERMIT

TEMPORARY SEEDING

1. SEEDING SHALL BE APPLIED TO ALL DISTURBED AREAS NOT BEING WORKED OR PROPOSED FOR PERIODS LONGER THAN FOUR (4) DAYS. TEMPORARY SEEDING SHALL BE APPLIED WITHIN SEVEN (7) DAYS AFTER ANY DISTURBANCE OR AS SOON AS PRACTICABLE. IMMEDIATELY UPON CONSTRUCTION OF THE SITE ENTRY INCLUDING ROAD AND LOCATION, ALL DISTURBED AREAS SHALL BE SEEDED WHERE PERMANENT VEGETATION COVER SHALL BE APPLIED TO FURTHER THAT WILL BE LEFT UNWORKED FOR A PERIOD OF MORE THAN SIX MONTHS.
2. REFER TO TABLE #1 FOR TEMPORARY SEEDING RECOMMENDATIONS. FOR ADDITIONAL INFORMATION REGARDING EROSION AND SEDIMENT CONTROL MEASURES, REFER TO THE EROSION AND SEDIMENT CONTROL FIELD MANUAL.
3. APPLY AGRICULTURAL LIMESTONE AT THE RATE OF TWO (2) TONS PER ACRE UNLESS SOIL TESTS INDICATE OTHERWISE. FERTILIZER SHALL BE APPLIED AT A RATE OF 500 POUNDS PER ACRE (11-11-11 OR EQUIVALENT). FERTILIZER AND LIMESTONE SHALL BE INCORPORATED INTO THE TOP 4 INCHES OF SOIL BY DISKING OR OTHER SUITABLE METHOD. SEEDING SHALL BE DONE IMMEDIATELY AFTER FINAL GRADING AND PREPARATION.
4. APPLY MULCH IMMEDIATELY AFTER SEEDING AND FERTILIZING. MULCH SHALL BE APPLIED UNIFORMLY TO A DEPTH OF 2 TO 3 INCHES. MULCH MAY BE ANCHORED WITH A MULCH NETTING, A TACKIFIER, OR BY HYDRAULIC APPLICATION OF WOOD FIBER MULCH WITH A TACKIFIER. MULCH SHALL BE APPLIED TO ALL DISTURBED AREAS BEFORE DARKNESS ON THE DAY OF SEEDING. SEEDING PREPARATION MAY NOT BE COMMENCED WHEN THE GROUND IS FROZEN.

PERMANENT SEEDING

1. PERMANENT VEGETATIVE COVER SHALL BE INITIATED ON PORTIONS OF THE SITE NOT AT FINAL GRADE WITHIN SEVEN (7) DAYS AFTER REACHING FINAL GRADE. PERMANENT VEGETATIVE COVER SHALL BE INITIATED ON ALL OTHER PORTIONS OF THE SITE NOT AT FINAL GRADE WITHIN SEVEN (7) DAYS AFTER CONSTRUCTION ACTIVITY HAS CEASED. PERMANENT VEGETATIVE COVER SHALL BE INITIATED ON ALL DISTURBED AREAS WITHIN SEVEN (7) DAYS AFTER FINAL GRADE IS REACHED.
2. ALL DISTURBED AREAS MUST BE STABILIZED WITH MULCH AND VEGETATIVE COVER IMMEDIATELY AFTER FINAL GRADE IS REACHED. ALL DISTURBED AREAS MUST BE STABILIZED WITH MULCH AND VEGETATIVE COVER IMMEDIATELY AFTER FINAL GRADE IS REACHED. ALL DISTURBED AREAS MUST BE STABILIZED WITH MULCH AND VEGETATIVE COVER IMMEDIATELY AFTER FINAL GRADE IS REACHED.
3. REFER TO TABLE #2 FOR RECOMMENDED PERMANENT SEEDING MIXTURES AND RATES. REFER TO TABLE #3 FOR RECOMMENDED TREE AND SHRUB PLANTINGS.
4. LIME AND FERTILIZER SHALL BE APPLIED TO ALL PERMANENTLY SEEDED AREAS. LIME AND FERTILIZER SHALL BE APPLIED AT THE RATES OF SEEDED PREPARATION.
5. PERMANENT SEED MIXTURES SHALL BE APPLIED AT THE RATES OF SEEDED PREPARATION.
6. PERMANENT SEEDBED PREPARATION: COMPACTED AREAS SHALL BE LOOSENED TO A DEPTH OF 3 TO 5 INCHES BEFORE PLACING TOPSOIL. TOPSOIL SHALL BE SPREAD UNIFORMLY ON THE PREPARED SURFACE AT A MINIMUM COMPACTED DEPTH OF 4 INCHES. TOPSOIL SHALL NOT BE SPREAD WHEN IT IS FROZEN OR MUDDY. ALL STONES LARGER THAN 2 INCHES IN DIAMETER SHALL BE REMOVED FROM THE SURFACE OF THE TOPSOIL. AGRICULTURAL LIMESTONE AND FERTILIZER SHALL BE APPLIED AND WORKED INTO THE TOPSOIL AS DESCRIBED ABOVE FOR TEMPORARY SEEDING.
7. SEEDBED PREPARATION: COMPACTED AREAS SHALL BE LOOSENED TO A DEPTH OF 3 TO 5 INCHES BEFORE PLACING TOPSOIL. TOPSOIL SHALL BE SPREAD UNIFORMLY ON THE PREPARED SURFACE AT A MINIMUM COMPACTED DEPTH OF 4 INCHES. TOPSOIL SHALL NOT BE SPREAD WHEN IT IS FROZEN OR MUDDY. ALL STONES LARGER THAN 2 INCHES IN DIAMETER SHALL BE REMOVED FROM THE SURFACE OF THE TOPSOIL. AGRICULTURAL LIMESTONE AND FERTILIZER SHALL BE APPLIED AND WORKED INTO THE TOPSOIL AS DESCRIBED ABOVE FOR TEMPORARY SEEDING.
8. SEEDING: ALL SEEDING SHALL BE DONE ACROSS THE SLOPE WHERE POSSIBLE. ALL SEEDED AREAS SHALL BE MULCHED IMMEDIATELY AFTER SEEDING. MULCH SHALL BE ANCHORED WITH A MULCH NETTING, A TACKIFIER, OR BY HYDRAULIC APPLICATION OF WOOD FIBER MULCH WITH A TACKIFIER. MULCH SHALL BE APPLIED TO ALL DISTURBED AREAS BEFORE DARKNESS ON THE DAY OF SEEDING. SEEDING PREPARATION MAY NOT BE COMMENCED WHEN THE GROUND IS FROZEN OR MUDDY.

DISTURBED SECTION

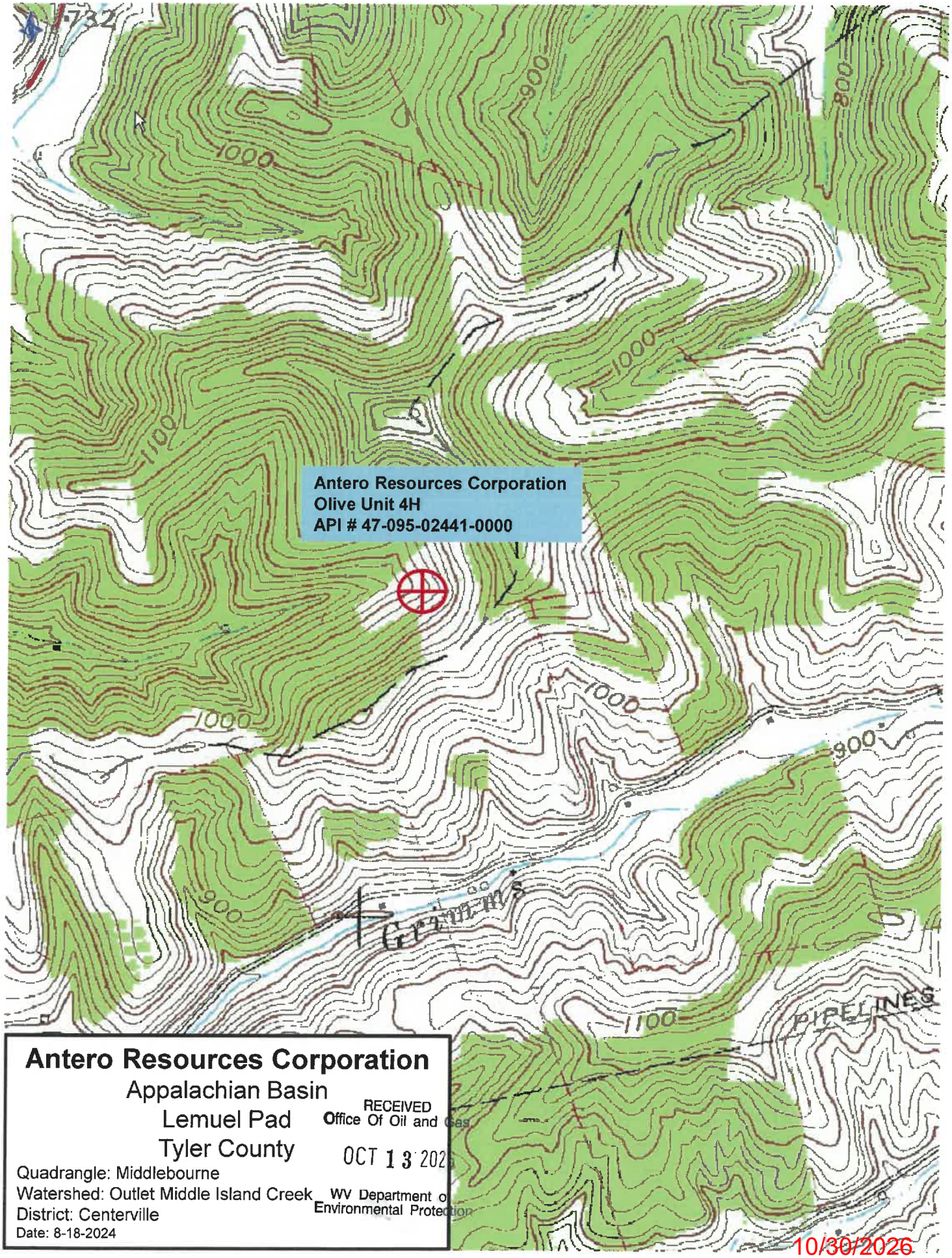
1. GENERAL
2. PERMANENT VEGETATIVE COVER SHALL BE INITIATED ON PORTIONS OF THE SITE NOT AT FINAL GRADE WITHIN SEVEN (7) DAYS AFTER REACHING FINAL GRADE. PERMANENT VEGETATIVE COVER SHALL BE INITIATED ON ALL OTHER PORTIONS OF THE SITE NOT AT FINAL GRADE WITHIN SEVEN (7) DAYS AFTER CONSTRUCTION ACTIVITY HAS CEASED. PERMANENT VEGETATIVE COVER SHALL BE INITIATED ON ALL DISTURBED AREAS WITHIN SEVEN (7) DAYS AFTER FINAL GRADE IS REACHED. ALL DISTURBED AREAS MUST BE STABILIZED WITH MULCH AND VEGETATIVE COVER IMMEDIATELY AFTER FINAL GRADE IS REACHED. ALL DISTURBED AREAS MUST BE STABILIZED WITH MULCH AND VEGETATIVE COVER IMMEDIATELY AFTER FINAL GRADE IS REACHED.
3. SEEDBED PREPARATION: COMPACTED AREAS SHALL BE LOOSENED TO A DEPTH OF 3 TO 5 INCHES BEFORE PLACING TOPSOIL. TOPSOIL SHALL BE SPREAD UNIFORMLY ON THE PREPARED SURFACE AT A MINIMUM COMPACTED DEPTH OF 4 INCHES. TOPSOIL SHALL NOT BE SPREAD WHEN IT IS FROZEN OR MUDDY. ALL STONES LARGER THAN 2 INCHES IN DIAMETER SHALL BE REMOVED FROM THE SURFACE OF THE TOPSOIL. AGRICULTURAL LIMESTONE AND FERTILIZER SHALL BE APPLIED AND WORKED INTO THE TOPSOIL AS DESCRIBED ABOVE FOR TEMPORARY SEEDING.
4. SEEDING: ALL SEEDING SHALL BE DONE ACROSS THE SLOPE WHERE POSSIBLE. ALL SEEDED AREAS SHALL BE MULCHED IMMEDIATELY AFTER SEEDING. MULCH SHALL BE ANCHORED WITH A MULCH NETTING, A TACKIFIER, OR BY HYDRAULIC APPLICATION OF WOOD FIBER MULCH WITH A TACKIFIER. MULCH SHALL BE APPLIED TO ALL DISTURBED AREAS BEFORE DARKNESS ON THE DAY OF SEEDING. SEEDING PREPARATION MAY NOT BE COMMENCED WHEN THE GROUND IS FROZEN OR MUDDY.
5. MULCHING: ALL SEEDED AREAS SHALL BE MULCHED IMMEDIATELY AFTER SEEDING. MULCH SHALL BE APPLIED UNIFORMLY TO A DEPTH OF 2 TO 3 INCHES. MULCH MAY BE ANCHORED WITH A MULCH NETTING, A TACKIFIER, OR BY HYDRAULIC APPLICATION OF WOOD FIBER MULCH WITH A TACKIFIER. MULCH SHALL BE APPLIED TO ALL DISTURBED AREAS BEFORE DARKNESS ON THE DAY OF SEEDING. SEEDING PREPARATION MAY NOT BE COMMENCED WHEN THE GROUND IS FROZEN OR MUDDY.

ANTERO'S PREFERRED SEED MIXTURE

Table #1-A

Seed Type	lbs/acre	Planting Dates
Tall Fescue	30	Mar - May / Aug - Oct
Perennial Ryegrass	10	Mar - May / Aug - Oct
Ladino Clover	5	Mar - May / Aug - Oct
Annual Ryegrass	10	Mar - May / Aug - Oct
Tall Fescue	30

4709502441P



Antero Resources Corporation

Appalachian Basin

Lemuel Pad

Tyler County

Quadrangle: Middlebourne

Watershed: Outlet Middle Island Creek

District: Centerville

Date: 8-18-2024

RECEIVED
Office Of Oil and Gas
OCT 13 2026
WV Department of
Environmental Protection

4709502441P

WW-7
8-30-06

West Virginia Department of Environmental Protection
Office of Oil and Gas
WELL LOCATION FORM: GPS

API: 47-095-02441 **WELL NO.:** Olive 4H

FARM NAME: Lemuel

RESPONSIBLE PARTY NAME: Antero Resources Corporation

COUNTY: Tyler **DISTRICT:** Centerville & Meade

QUADRANGLE: Middlebourne & Shirley

SURFACE OWNER: Antero Resources Corporation

ROYALTY OWNER:

UTM GPS NORTHING: 4363670.10 m

UTM GPS EASTING: 507464.96 m **GPS ELEVATION:** 1158.2 ft

The Responsible Party named above has chosen to submit GPS coordinates in lieu of preparing a new well location plat for a plugging permit or assigned API number on the above well. The Office of Oil and Gas will not accept GPS coordinates that do not meet the following requirements:

1. Datum: NAD 1983, Zone: 17 North, Coordinate Units: meters, Altitude: height above mean sea level (MSL) – meters.
2. Accuracy to Datum – 3.05 meters
3. Data Collection Method:

Survey grade GPS X: Post Processed Differential ____

Real-Time Differential X

Mapping Grade GPS X: Post Processed Differential ____

Real-Time Differential X

RECEIVED
Office Of Oil and Gas
OCT 13 2026
WV Department of
Environmental Protection

4. **Letter size copy of the topography map showing the well location.**

I the undersigned, hereby certify this data is correct to the best of my knowledge and belief and shows all the information required by law and the regulations issued and prescribed by the Office of Oil and Gas.

Signature Title: Permitting Manager Date: 9/23/26

10/30/2026