



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

Thursday, February 5, 2026
WELL WORK PERMIT
Horizontal 6A / New Drill

ARSENAL RESOURCES LLC
6031 WALLACE RD. EXT. SUITE 200

WEXFORD, PA 15090

Re: Permit approval for HOMER 202
47-091-01394-00-00

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.

Please be advised that form WR-35, Well Operators Report of Well Work 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
Acting Chief

Operator's Well Number: HOMER 202
Farm Name: ATLAS SHRUGGING LLC
U.S. WELL NUMBER: 47-091-01394-00-00
Horizontal 6A New Drill
Date Issued: 2/5/2026

PERMIT CONDITIONS

West Virginia Code § 22-6A-8(d) 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. This proposed activity may require permit coverage from the United States Army Corps of Engineers (USACE). Through this permit, you are hereby being advised to consult with USACE regarding this proposed activity.
2. If the operator encounters an unanticipated void, or an anticipated void at an unanticipated depth, the operator shall notify the inspector within 24 hours. Modifications to the casing program may be necessary to comply with W. Va. Code § 22-6A-5a (12), which requires drilling to a minimum depth of thirty feet below the bottom of the void, and installing a minimum of twenty (20) feet of casing. Under no circumstance should the operator drill more than one hundred (100) feet below the bottom of the void or install less than twenty (20) feet of casing below the bottom of the void.
3. When compacting fills, each lift before compaction shall not be more than 12 inches in height, and the moisture content of the fill material shall be within limits as determined by the Standard Proctor Density test of the actual soils used in specific engineered fill, ASTM D698, Standard Test Method for Laboratory Compaction Characteristics of Soil Using Standard Effort, to achieve 95 % compaction of the optimum density. Each lift shall be tested for compaction, with a minimum of two tests per lift per acre of fill. All test results shall be maintained on site and available for review.
4. Operator shall install signage per § 22-6A-8g (6) (B) at all source water locations included in their approved water management plan within 24 hours of water management plan activation.
5. Oil and gas water supply wells will be registered with the Office of Oil and Gas and all such wells will be constructed and plugged in accordance with the standards of the Bureau for Public Health set forth in its Legislative rule entitled *Water Well Regulations*, 64 C.S.R. 19. Operator is to contact the Bureau of Public Health regarding permit requirements. In lieu of plugging, the operator may transfer the well to the surface owner upon agreement of the parties. All drinking water wells within fifteen hundred feet of the water supply well shall be flow tested by the operator upon request of the drinking well owner prior to operating the water supply well.
6. Pursuant to the requirements pertaining to the sampling of domestic water supply wells/springs the operator shall, no later than thirty (30) days after receipt of analytical data provide a written copy to the Chief and any of the users who may have requested such analyses.
7. 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. Also, 24 hours prior to the initiation of the completion process the operator shall notify the Chief or his designee.
8. During the completion process the operator shall monitor annular pressures and report any anomaly noticed to the chief or his designee immediately.
9. If any explosion or other accident causing loss of life or serious personal injury occurs in or about a well or well work on a well, the well operator or its contractor shall give notice, stating the particulars of the explosion or accident, to the oil and gas inspector and the Chief, within 24 hours of said accident.
10. During the casing and cementing process, in the event cement does not return to the surface, the oil and gas inspector shall be notified within 24 hours.
11. The operator shall provide to the Office of Oil and Gas the dates of each of the following within 30 days of their occurrence: completion of construction of the well pad, commencement of drilling, cessation of drilling, completion of any other permitted well work, and completion of the well. Such notice shall be provided by sending an email to DEPOOGNotify@wv.gov.

02/06/2026

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
WELL WORK PERMIT APPLICATION

1) Well Operator: Arsenal Resources 494519412 Taylor Fleming Rosemont
Operator ID County District Quadrangle

2) Operator's Well Number: Homer 202 Well Pad Name: Fiber II

3) Farm Name/Surface Owner: Atlas Shrugging LLC Public Road Access: WV 76

4) Elevation, current ground: 1208' Elevation, proposed post-construction: 1187'

5) Well Type (a) Gas Oil Underground Storage

Other

(b) If Gas Shallow Deep

Horizontal

6) Existing Pad: Yes or No No

7) Proposed Target Formation(s), Depth(s), Anticipated Thickness and Expected Pressure(s):
Marcellus Shale, 7,633' (TVD Top) - 7,723' (TVD Bottom), 90 ft, 0.5 psi/ft

8) Proposed Total Vertical Depth: 7,708'

9) Formation at Total Vertical Depth: Marcellus Shale

10) Proposed Total Measured Depth: 31,287'

11) Proposed Horizontal Leg Length: 23,195'

12) Approximate Fresh Water Strata Depths: 60', 85', 200', 630', 810', 892'

13) Method to Determine Fresh Water Depths: Offsetting well reported water depths (091-00102, 091-00586, 091-00607, 091-00721)

14) Approximate Saltwater Depths: 1065'

15) Approximate Coal Seam Depths: Hartem-364', Brushcreek-534', Lower Freeport-654', Upper Kittanning-724', Middle Kittanning-774', Clarion-834'

16) Approximate Depth to Possible Void (coal mine, karst, other): None expected

RECEIVED
Office Of Oil and Gas

17) Does Proposed well location contain coal seams directly overlying or adjacent to an active mine? Yes No

JAN 05 2026

WV Department of
Environmental Protection

(a) If Yes, provide Mine Info: Name: _____
Depth: _____
Seam: _____
Owner: _____

Digitally signed by
Gayne Knitowski
Date: 2025.12.30
09:04:16 -05'00'

47-091-01394

18)

CASING AND TUBING PROGRAM

TYPE	Size (in)	New or Used	Grade	Weight per ft. (lb/ft)	FOOTAGE: For Drilling (ft)	INTERVALS: Left in Well (ft)	CEMENT: Fill-up (Cu. Ft.)/CTS
Conductor	24	New	H-40	94	80	80	CTS
Fresh Water	13.375	New	J-55	54.5	950	950	CTS
Coal							
Intermediate	9.625	New	J-55	40	1,500	1,500	CTS
Production	5.5	New	P-110	23	31,287	31,287	TOC @ 1,350
Tubing							
Liners							

Digitally signed by
Gayne Knitowski
Date: 2025.12.30
09:04:38 -05'00'

TYPE	Size (in)	Wellbore Diameter (in)	Wall Thickness (in)	Burst Pressure (psi)	Anticipated Max. Internal Pressure (psi)	Cement Type	Cement Yield (cu. ft./k)
Conductor	24	36			0	Class AL, 3% CaCl2	1.2
Fresh Water	13.375	17.5	0.38	2,730	900	Class AL, 3% CaCl2	1.2
Coal							
Intermediate	9.625	12.25	0.395	3,950	1,500	Class AL, 3% CaCl2	1.29
Production	5.5	8.5-8.75	0.415	14,520	9,500	Class A/L, Poz	1.29/1.34
Tubing							
Liners							

PACKERS

Kind:				
Sizes:				
Depths Set:				

RECEIVED
Office Of Oil and Gas
JAN 05 2026
WV Department of
Environmental Protection

WW-6B
(10/14)

API NO. 47-091 - 01394

OPERATOR WELL NO. Homer 202

Well Pad Name: Fiber II

19) Describe proposed well work, including the drilling and plugging back of any pilot hole:

The well will be started with a conductor rig drilling a 36" hole to Conductor programmed depth then running 24" casing and circulate cement back to surface. The conductor rig will move out and the drilling rig will move in and rig up. The drilling rig will then spud a 17 1/2" hole and drill to fresh water casing (Surface) to the programmed depth, Run 13- 3/8" casing and cement to surface. The rig will continue drilling a 12- 1/4" intermediate hole to the programmed depth, run 9- 5/8" casing and cement to surface. The rig will then continue to drill an 8- 3/4" hole to a designed KOP. We will then start drilling the curve and lateral section to the programmed total measured depth, run 5 1/2" casing and cement according to the program.

20) Describe fracturing/stimulating methods in detail, including anticipated max pressure and max rate:

The well will be completed using a plug and perforation method and stimulated with a slickwater and sand slurry. The anticipated maximum rate will be 90 bpm and the maximum pressure will be 11,500 psi.

RECEIVED
Office Of Oil and Gas

JAN 05 2026

WV Department of
Environmental Protection

21) Total Area to be disturbed, including roads, stockpile area, pits, etc., (acres): 28.54

22) Area to be disturbed for well pad only, less access road (acres): 10.68

23) Describe centralizer placement for each casing string:

24"- No centralizers 13 3/8" - one bow spring centralizer on every other joint 9 5/8" - one bow spring centralizer every third joint from TD to surface 5 1/2" - one semi rigid centralizer on every joint from TD of casing to end of curve. Then every other joint to KOP. Every third joint from KOP to 1,700'; there will be no centralizers from 1,700' to surface.

24) Describe all cement additives associated with each cement type:

24" will be circulated to surface. The 13 3/8" casing will be cemented to surface with Class A/L cement and no greater than 3% CaCl₂ (calcium chloride). The 9 5/8" casing will be cemented to surface with Class A/L cement, & no greater than 3% calcium chloride. The 5 1/2" production string will be cemented back to 1,350' (+/- 150' above the casing shoe for the 9 5/8") with Class A/L Poz cement retarded (to extend pumpability) cellophane flaked for fluid loss, Bentonite gel as an extender (increased pumpability and fluid loss), a defoaming agent to decrease cement foaming during mixing to insure the cement is of proper weight to placement and possibly gypsum gas blocking additive to aid in blocking/gas migration (in combination with other additive mentioned here, helps cement achieve a "right angle" set) during the plastic phase of the cement set-up.

25) Proposed borehole conditioning procedures:

Top holes will be drilled with fresh water KOP. At KOP, the wellbore will be loaded with synthetic oil based mud, barite-weighted mud system with such properties as to build a filter-cake on the face of the bore-hole. This will provide lubricity as well as stabilizing the well bore. We will begin rotating the drill string and mud will be circulated upon reaching TD until no further cuttings are observed coming across the shaker screens. Once clean mud is circulated back to surface, we will pull three stands of drill pipe, load the hole, pull three strands and load the hole. The weight indicator on the rig will be monitored for any occurrences of drag and if any are noticed, we will re-run the previous stand of pipe pulled across and circulate 2x bottoms up while watching shakers for signs of cuttings. Once at the base curve, the string will be continuously rotated while pumping 2x bottoms up. We will pull three stands and fill the hole until we reach the vertical section of the well.

*Note: Attach additional sheets as needed.

CEMENT ADDITIVES		
	Name	Purpose
Additive #1:	Bentonite	Helping fluid loss, reducing free water
Additive #2:	Calcium Chloride	Accelerator for low temp application
Additive #3:	Celloflake	Loss circulation additive
Additive #4:	Gypsum	Used for thixotropic properties
Additive #5:	Lignosulfonate	Low temp cement retarder
Additive #6:	Naphthalene Based Dispersant	Used to improve rheological properties of cement
Additive #7:	Cellulose	Help with fluid loss

RECEIVED
Office Of Oil and Gas
JAN 05 2025
WV Department of
Environmental Protection



December 30, 2025

West Virginia Department of Environmental Protection
Office of Oil and Gas
ATTN: Taylor Brewer
601 57th Street SE
Charleston, WV 25304

RE: Fiber II Pad/Homer #201 and 202 - Permit Application – New Well Permits

Dear Mr. Brewer,

Enclosed please find the permit applications for the Homer #201 and 202 horizontal wells. The enclosed USB flash drive contains the E&S Plan, Site Safety Plan, and the MSDS. The permit fees and expedited modification review fees are also included.

As part of the permit applications for the Homer #201 and 202 laterals, Arsenal Resources is requesting a cement variance. Arsenal’s third-party cement contractors are being switched over to Class L cement and many are unable to secure the required supplies of Class A to meet our operational needs. The modification includes the listing of Class L with Class A Cement allowing for options depending upon our suppliers’ product. This requires the modification to Class L based on West Virginia Department of Environmental Protection, Office of Oil and Gas order number 2022-14.

Should you have any questions or need any additional information, please feel free to contact me by phone or email.

Sincerely,

Emily Glick
Geologist & Permitting Specialist
(c) 724-759-9612
(e) eglick@arsenalresources.com

RECEIVED
Office Of Oil and Gas
JAN 05 2026
WV Department of
Environmental Protection



west virginia department of environmental protection

Office of Oil and Gas
601 57th Street, SE
Charleston, WV 25304
Phone (304) 928-0450

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

**BEFORE THE OFFICE OF OIL AND GAS
DEPARTMENT OF ENVIRONMENTAL PROTECTION
STATE OF WEST VIRGINIA**

**IN THE MATTER OF A VARIANCE FROM)
LEGISLATIVE RULE 35CSR4) ORDER NO. 2022-14
SECTION 11.5 AND LEGISLATIVE RULE)
35CSR8 SECTION 9.2.h.8.,)
RELATING TO THE CEMENTING)
OF OIL AND GAS WELLS)**

REPORT OF THE OFFICE

In response to industry requests, the West Virginia Department of Environmental Protection, Office of Oil and Gas has reviewed the proposed use of American Petroleum Institute (API) Class L cement to be used in place of API Class A cement for well construction.

FINDINGS OF FACT

1. On July 14, 2022, Northeast Natural Energy (NNE) submitted a variance request from Legislative Rule 35CSR8 Section 9.2.h.8., for the use of API Class L cement in place of API Class A cement, relating to the construction of horizontal wells.
2. Laboratory analysis submitted by NNE on July 14, 2022, indicates API Class L cement is comparable to API Class A cement and thereby satisfies the requirements of the West Virginia Code.
3. Contemporaneously, the Chief of the Office of Oil and Gas also chose to consider a variance to Legislative Rule 35CSR4 Section 11.5., for the use of API Class L cement in place of API Class A cement, relating to the construction of vertical wells.

02/06/2026

4. On August 18, 2022, the Office of Oil and Gas provided public notice of acceptance of public comments on the variance consideration. During the 20-day public comment period, no comments were received.

CONCLUSIONS OF LAW

Pursuant to Article 6 and Article 6A, Chapter 22 of the Code of West Virginia, the Office of Oil and Gas has jurisdiction over the subject matter, and the persons interested therein, and jurisdiction to promulgate the hereinafter prescribed Order.

Pursuant to Legislative Rule 35CSR4, Section 18 and Legislative Rule 35CSR8, Section 14, the Chief of the Office of Oil and Gas may grant a variance from any requirement of these rules.

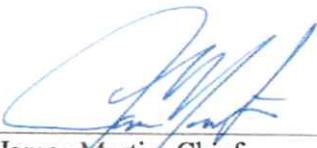
ORDER

It is ordered that the Class L cement product approved and monogrammed by API is approved for use in place of API Class A cement for well construction subject to the provisions of Legislative Rule 35CSR4 and Legislative Rule 35CSR8.

Dated this, the 13th day of September, 2022.

IN THE NAME OF THE STATE OF WEST VIRGINIA

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


James Martin, Chief
Office of Oil and Gas

RECEIVED
Office Of Oil and Gas
JAN 05 2026
WV Department of
Environmental Protection

02/06/2026

4709101394



Arsenal Resources
Fiber II Pad, Homer #202
Casing Design

Other Names:	N/A
Surface Location:	LAT 39.254846N x Long 80.130387W
Bottom Hole Location:	LAT 39.193844N x Long 80.101725W
Directional Plan Vs.	23,654'
Total Depth (MD)	31,274'

County:	Taylor
State:	WV
AFE #:	xxx API #: 47-091-xxxxx
RKB:	27
Ground Level:	1187'

Logs	Significant Formations (TVD)	Depth (ft) MD	Depth (ft) TVD	Hole Size	Casing and Cement	Mud	Directional & Surveys Drlg /Csg Point
None	Section 1						
None		80	80	24" 94# H-40 BTC	Vertical		
None	Section 2			17 1/2" (PDC)	Floc Water		
Possible CBL after cement job		950	950	13 3/8" 54.5# J-55 LTC	Vertical		
None	Section 3			12 1/4" (PDC)	Floc Water		
		1,500	1,500	9 5/8" 40# J-55 LTC	Vertical		

Wireline: None
Mudloggers: KOP - TD
KOP @ 7,064

Geo Prognosis

Formation	Depth (Tss)	Top (TVD)	Base (TVD)
Bakerstown Coal	0	0	0
Brush Creek Coal	0	0	0
Upper Freeport Coal	0	0	0
Lower Freeport Coal	0	0	0
Upper Kittanning Coal	0	0	0
Middle Kittanning Coal	0	0	0
Lower Kittanning Coal	0	0	0
Big Lime	0	0	0
Balltown Sandstone	0	0	0
Bradford Sandstone	0	0	0
Benson Sandstone	0	0	0
1st Elk Siltstone	0	0	0
Burkett Shale	0	0	0
Tully Limestone	0	0	0
Mahantango Shale	0	0	0
Marcellus Shale	0	0	0
Purcell Limestone	0	0	0
Lower Marcellus Shale	0	0	0
TARGET	0	0	0
Onondaga Limestone	0	0	0

Cement	Class A/L, 3% CaCl2	
Density/Yield/Volume (sx)	15.6	1.2 703
TOC	Surface	

Cement (Lead/Tail)	Class A/L, 3% CaCl2	Class A/L, 3% CaCl2
Density/Yield/Volume (sx)	14.5	1.19 712
TOC	Surface	

Mud Data	From	To
Floc Water	80	1,500
Floc Water	1,500	6,500
11.5- 12.0 ppg SOBM	6,500	31,274

Bit Data	From	To
17-1/2" & 12 1/4" PDC	80	1,500
8- 3/4" (PDC)	1,500	6,500
8- 1/2" (PDC)	6,500	31,274

Directional Data		
KOP	7,064	
Curve	9 9/100 ft	
	Angle	90.0
	Azi	161
EOB	MD	31,274
	TVD	7,708

Cement	Production		
Lead	Lead: 50-50 Poz/A		
	13.8	1.33	TBD
Tail	Tail: Class A		
	15	1.3	TBD
TOC	1,350		

MD	31,274
TVD	7,708
Azimuth	161

5 1/2" 23# P-110HP Weld Tube GBCD

Revision 1

Note: Not drawn to scale

Cement Outside Casing Seal Assembly in Annulus

Date Last Revised: 12/2025
Ross Schweitzer

RECEIVED
Office Of Oil and Gas
JAN 05 2026
WV Department of Environmental Protection
02/06/2026

Plan #4



Project: Taylor Co, WV (NAD83 - WV N)
 Site: Homer Pad
 Well: Homer 202
 Wellbore: OH
 Design: Plan #4
 Lat: 39.254846
 Long: -80.130387
 GL: 1187.00
 KB: RKB @ 1214.00usft

M G T

Azimuths to Grid North
 True North: 0.40°
 Magnetic North: -9.21°

Magnetic Field
 Strength: 51163.1nT
 Dip Angle: 65.40°
 Date: 9/3/2025
 Model: HRGM

WELL DETAILS: Homer 202

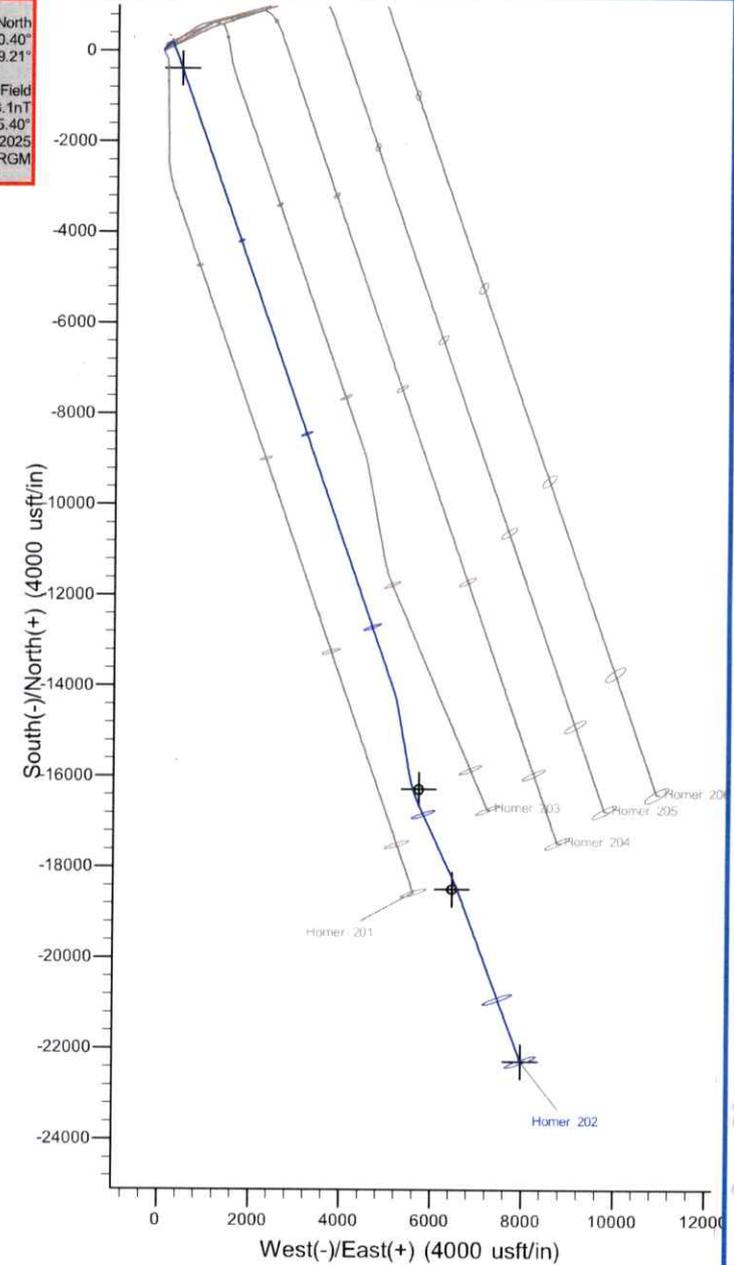
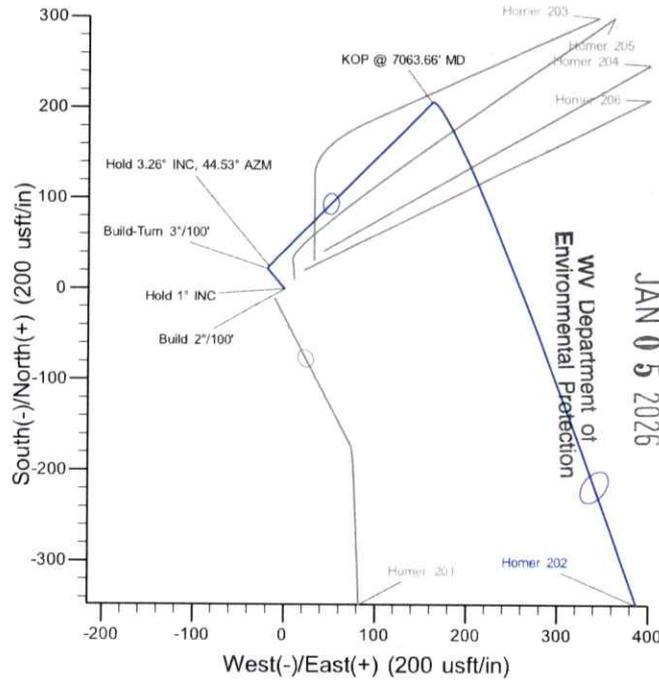
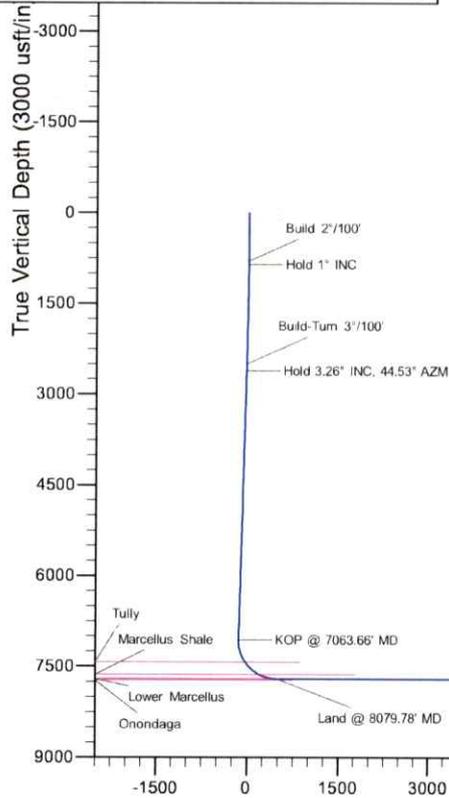
+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
0.00	0.00	275561.95	1789992.52	39.254846	-80.130387

SECTION DETAILS

MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	V Sect	Annotation
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
800.00	0.00	360.00	800.00	0.00	0.00	0.00	360.00	0.00	Build 2'/100'
850.00	1.00	320.00	850.00	0.33	-0.28	2.00	320.00	-0.41	Hold 1" INC
2500.25	1.00	320.00	2500.00	22.40	-18.79	0.00	0.00	-27.31	Build-Turn 3'/100'
2610.95	3.26	44.53	2610.63	25.38	-17.20	3.00	101.96	-29.61	Hold 3.26" INC, 44.53° AZM
7063.66	3.26	44.53	7056.12	206.09	160.58	0.00	0.00	-142.32	KOP @ 7063.66' MD
8079.78	90.00	160.93	7708.00	-384.51	399.99	9.00	116.36	494.10	Land @ 8079.78' MD
22500.00	90.00	160.93	7708.00	-14013.29	5111.60	0.00	0.00	14914.32	Turn 2'/100'
22953.54	90.00	170.00	7708.00	-14451.86	5225.31	2.00	90.00	15365.97	Hold 90° INC, 170° AZM
24453.54	90.00	170.00	7708.00	-15929.07	5485.78	0.00	0.00	16847.22	Turn 2'/100'
25203.54	90.00	155.00	7708.00	-16642.32	5710.67	2.00	-90.00	17594.80	Hold 90° INC, 155° AZM
27003.54	90.00	155.00	7708.00	-18273.67	6471.38	0.00	0.00	19385.16	Turn 2'/100'
27234.52	90.00	159.62	7708.00	-18486.71	6560.46	2.00	90.00	19615.62	Hold 90° INC, 159.62° AZM
31274.28	90.00	159.62	7708.00	-22273.58	7967.31	0.00	0.00	23654.32	TD at 31274.28' MD

FORMATION TOP DETAILS

TVDPath	MDPath	Formation
7433.00	7463.93	Tully
7633.00	7767.43	Marcellus Shale
7702.00	7992.25	Lower Marcellus



Vertical Section at 160.93° (3000 usft/in)

Turn 2'/100'

Hold 90° INC, 170° AZM

Turn 2'/100'

Hold 90° INC, 155° AZM

Turn 2'/100'

Hold 90° INC, 159.62° AZM

TD at 31274.28' MD

Homer 202

RECEIVED
 Office Of Oil and Gas
 JAN 05 2026

WV Department of
 Environmental Protection

4709101394

WW-9
(4/16)

4709101394

API Number 47 - 091 - _____
Operator's Well No. Homer 202

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

FLUIDS/ CUTTINGS DISPOSAL & RECLAMATION PLAN

Operator Name Arsenal Resources OP Code 494519412

Watershed (HUC 10) Simpson Creek Quadrangle Rosemont

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
- Underground Injection (UIC Permit Number _____)
- Reuse (at API Number Various)
- Off Site Disposal (Supply form WW-9 for disposal location)
- Other (Explain _____)

Will closed loop system be used? If so, describe: Yes, the closed loop system will contain all of the drilling medium and drill cuttings on location and then be taken to a landfill

Drilling medium anticipated for this well (vertical and horizontal)? Air, freshwater, oil based, etc. Vertical: Freshwater, Horizontal: Oil based mud

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

Additives to be used in drilling medium? Bentonite, soap & polymer sticks, soda ash, sodium bicarbonate, defoamer, base oil, emulsifiers, lime, barite

Drill cuttings disposal method? Leave in pit, landfill, removed offsite, etc. landfill

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

-Landfill or offsite name/permit number? Meadowfill Landfill/Waste Management, Westmoreland Sanitary Landfill, Apex Landfill

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.

I certify that I understand and agree to the terms and conditions of the GENERAL WATER POLLUTION PERMIT issued on August 1, 2005, 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 Emily Glick
Company Official (Typed Name) Emily Glick
Company Official Title Geologist & Permitting Specialist

RECEIVED
Office Of Oil and Gas
JAN 05 2026

Subscribed and sworn before me this 30 day of December, 2025
Allison L Gascoine Notary Public

WV Department of
Environmental Protection

My commission expires Feb 12 2028

Commonwealth of Pennsylvania - Notary Seal
ALLISON L GASCOINE - Notary Public
Allegheny County
My Commission Expires February 12, 2028
Commission Number 1364664

02/06/2026

Arsenal Resources

Proposed Revegetation Treatment: Acres Disturbed 28.54 Prevegetation pH 6.8 average

Lime 2.67 Tons/acre or to correct to pH 6.4

Fertilizer type 10-20-20

Fertilizer amount 1000 lbs/acre

Mulch 3-4 Tons/acre

Seed Mixtures

Temporary		Permanent	
Seed Type	lbs/acre	Seed Type	lbs/acre
Orchard Grass	129	Orchard Grass	129
Rye	93	Rye	93
Clover	24	Clover	24
Timothy	45	Timothy	45

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, include dimensions (L x W x D) of the pit, and dimensions (L x W), and area in acreage, of the land application area.

Photocopied section of involved 7.5' topographic sheet.

Plan Approved by: Gayne Knitowski Digitally signed by Gayne Knitowski
DN: cn=Gayne Knitowski, o=

Comments: _____

RECEIVED
Office Of Oil and Gas

JAN 05 2026

WV Department of
Environmental Protection

Title: Inspector Date: 12/30/2025

Field Reviewed? Yes No



ARSENAL
R E S O U R C E S

SITE SAFETY PLAN

Fiber II Well Pad

911 Address:

**1166 E Veterans Memorial Hwy
Flemington, WV 26347**

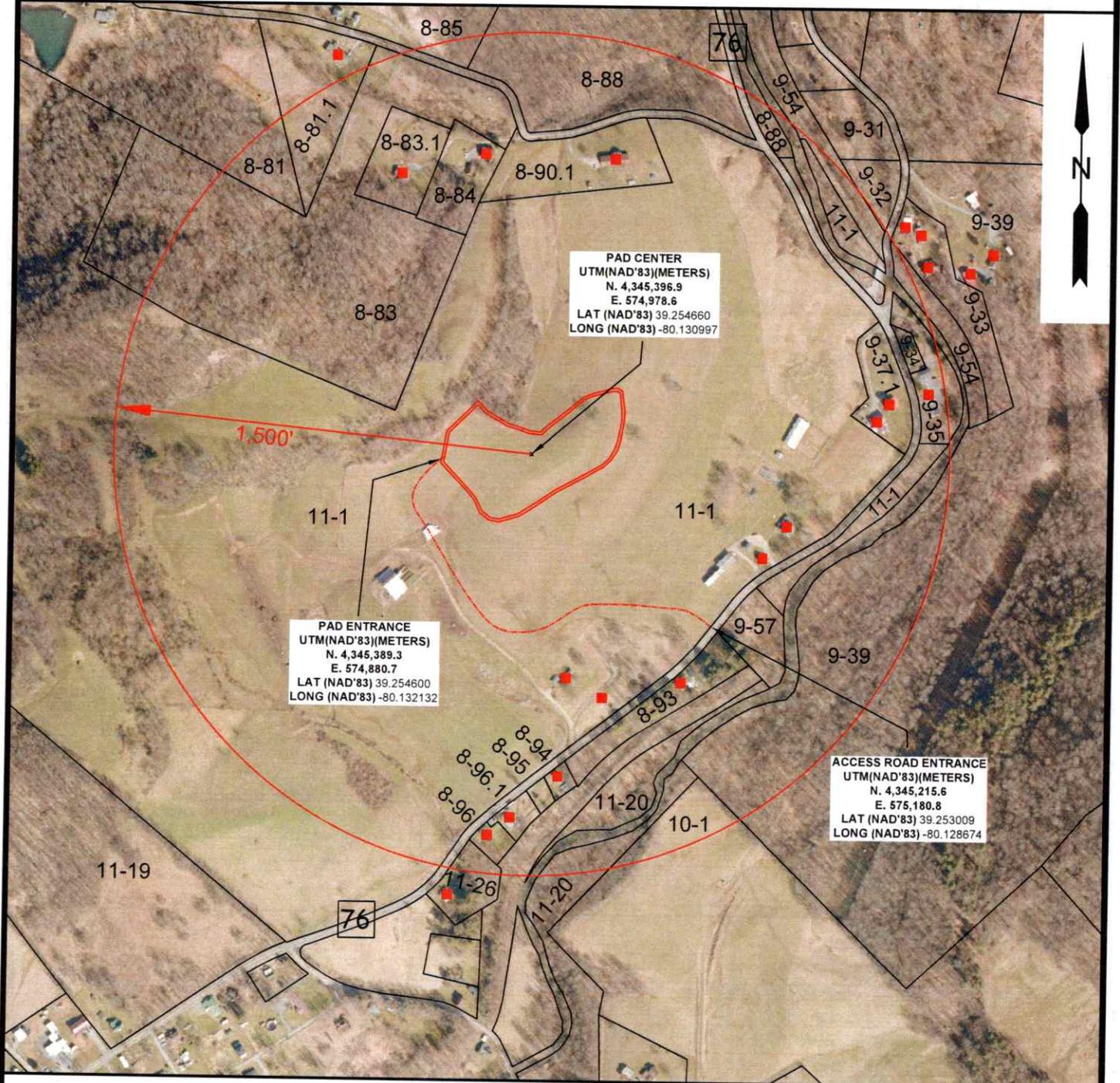
RECEIVED
Office Of Oil and Gas

JAN 05 2026

WV Department of
Environmental Protection

Gayne Knitowski
Digitally signed by
Gayne Knitowski
Date: 2025.06.05
07:56:58 -04'00'

PROPOSED FIBER II PAD HOMER WELLS 201-216



PAD CENTER
UTM(NAD'83)(METERS)
N. 4,345,396.9
E. 574,978.6
LAT (NAD'83) 39.254660
LONG (NAD'83) -80.130997

PAD ENTRANCE
UTM(NAD'83)(METERS)
N. 4,345,389.3
E. 574,880.7
LAT (NAD'83) 39.254600
LONG (NAD'83) -80.132132

ACCESS ROAD ENTRANCE
UTM(NAD'83)(METERS)
N. 4,345,215.6
E. 575,180.8
LAT (NAD'83) 39.253009
LONG (NAD'83) -80.128674

■ = APPARENT RESIDENCES FROM MAPPING



12 Vanhorn Drive | P.O. Box 150 | Glenville, WV 26351 | 304.462.5634
1412 Kanawha Boulevard, East | Charleston, WV 25301 | 304.346.3952
254 East Beckley Bypass | Beckley, WV 25801 | 304.255.5296
slsw.com

AERIAL VIEW		OPERATOR:	
COUNTY	DISTRICT	PREPARED FOR:	
TAYLOR	FLEMINGTON	ARSENAL RESOURCES 6031 WALLACE RD. EXT. SUITE 200 WEXFORD, PA 15090	
DRAWN BY	JOB NO.	DATE	SCALE
C.P.M.	9205	05-22-25	1" = 500'





Possible Water Purveyors within 1500' of Well Fiber II Pad Homer Wells 201-216

TM 11 P 1 (Dwellings & Water Source Apparent)
Atlas Shrugging, LLC.
205 Center Oak Drive
Cranberry Township, PA 16066

TM 8 P 83
Janice Pratt
Charlene Moore
Curtis & David Stewart
476 W Veterans Memorial Hwy
Flemington, WV 26347

TM 8 P 81
Hunter Simmons
P.O. Box 38
Flemington, WV 26347

TM 8 P 81.1 (Dwelling Apparent)
John Wilfong
P.O. Box 16
Rosemont, WV 26424

TM 8 P 83.1 (Dwelling Apparent)
William D & Charlene A Moore
179 Stewarts Hollow Rd
Flemington, WV 26347

TM 8 P 84 (Dwelling Apparent)
Janice Pratt
Charlene Moore
Curtis & David Stewart
476 W Veterans Memorial Hwy
Flemington, WV 26347

TM 8 P 90.1 (Dwelling Apparent)
Frances E Sinsel
121 Stewarts Hollow Rd
Flemington, WV 26347

TM 8 P 85
Paul Musgrave
336 Stewarts Hollow Rd Flemington
WV 26347

TM 8 P 88
A.J. Smith Hrs.
6108 Ambassador Dr.
Orlando, FL 32808

TM 9 P 54
Arsenal Resources
6031 Wallace Road Ext. Suite 200
Wexford, PA 15090

TM 9 P 31 & 32
Robert E. Martin
901 Riverview Dr.
Fairmont, WV 26554

TM 9 P 33 (Dwelling Apparent)
David L. Brown
66 Substation Rd.
Flemington, WV 26347

12 Vanhorn Drive, Glenville, WV 26351
1412 Kanawha Boulevard East, Charleston, WV 25301
254 East Beckley Bypass, Beckley, WV 25801
304-462-5634

TM 9 P 35 (Dwelling Apparent)
Hoy Lynn Pritt & Patricia Lynn
949 E Veterans Memorial Hwy
Flemington, WV 26347

TM 9 P 34
Anna F. Brown Tr.
c/o David L. Brown
66 Substation Rd.
Flemington, WV 26347

TM 9 P 37.1 (Dwelling Apparent)
Criss David & Cathy &
948 E Veterans Memorial Hwy
Flemington, WV 26347

TM 9 P 39 (Dwelling Apparent)
William Clark & Crystal Raneau Brake
32 Substation Rd
Flemington, WV 26347

TM 9 P 57
William Clark & Crystal Raneau Brake
32 Substation Rd
Flemington, WV 26347

TM 8 P 93 (Dwelling Apparent)
Deborah S Devart
Gary Eugene (Life) et al
1351 E Veterans Memorial Hwy
Flemington, WV 26347

TM 8 P 94 (Dwelling Apparent)
Elbert Michael Blake
1313 E Veterans Memorial Hwy
Flemington, WV 26347

TM 8 P 95
Elbert Michael Blake
1313 E Veterans Memorial Hwy
Flemington, WV 26347

TM 8 P 96.1 (Dwelling Apparent)
Calvin B. Parks
1355 E Veterans Memorial Hwy
Flemington, WV 26347

TM 8 P 96 (Dwelling Apparent)
Timothy G & Anita R Bolyard
1375 E Veterans Memorial Hwy
Flemington, WV 26347

TM 11 P 26 (Dwelling Apparent)
Christian Alan & Alexis Danielle Reed
1423 E Veterans Memorial Hwy
Flemington, Wv 26347

TM 11 P 20
MAR KEY LLC
6031 Wallace Road Ext. Suite 101
Wexford, PA 15090

TM 10 P 1
Clinton & Candance Drainer Irr. Trust
307 Ross Rd
Flemington, WV 26347

**ARSENAL RESOURCES LLC
FIBER II PAD
HOMER 201**

T.H. LATITUDE 39°17'30"
B.H. LATITUDE 39°15'00"

T.H. LONGITUDE 80°07'30"
B.H. LONGITUDE 80°05'00"

(S.P.C. NORTH ZONE) (UTM(M) ZONE 17)

NAD'83 S.P.C.(FT)	N. 275,551.44	E. 1,789,981.81
NAD'83 GEO.	LAT-(N) 39.254817	LONG-(W) 80.130425
NAD'83 UTM (M)	N. 4,345,414.79	E. 575,027.81
<u>LANDING POINT</u>		
NAD'83 S.P.C.(FT)	N. 272,193.3	E. 1,790,049.1
NAD'83 GEO.	LAT-(N) 39.245598	LONG-(W) 80.130104
NAD'83 UTM (M)	N. 4,344,392.0	E. 575,065.3
<u>BOTTOM HOLE</u>		
NAD'83 S.P.C.(FT)	N. 259,007.3	E. 1,794,607.6
NAD'83 GEO.	LAT-(N) 39.209483	LONG-(W) 80.113690
NAD'83 UTM (M)	N. 4,340,397.7	E. 576,520.9

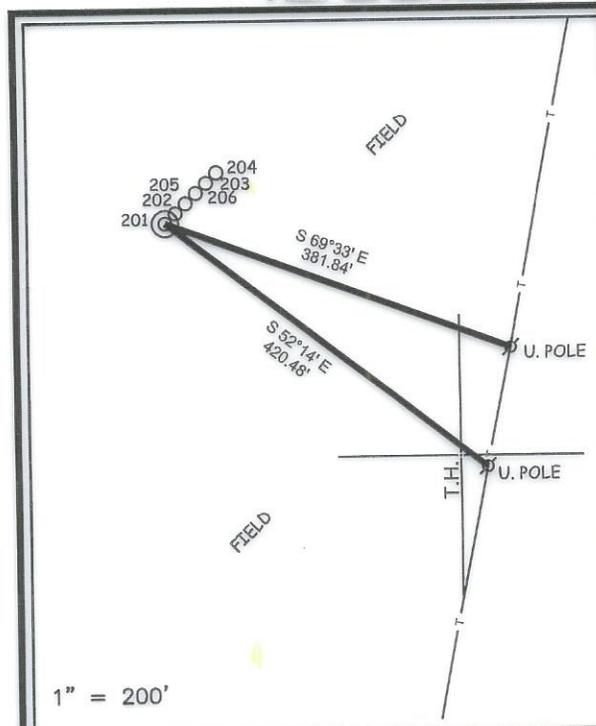
LEGEND

LEASE LINE	---
SURFACE LINE	----
WELL LATERAL	-----
500' OFFSET LINE	-----
TIE LINE	-----
CREEK	-----
ROAD	-----
COUNTY ROUTE	⊖
PROPOSED WELL	⊙
EXISTING WELL	⊗
PERMITTED WELL	○
TAX MAP-PARCEL	00-00
SURFACE OWNER (SEE TABLE)	Ⓐ
LEASE # (SEE WW-6A1)	Ⓐ

NOTES ON SURVEY

- NO WATER WELLS WERE FOUND WITHIN 250' OF PROPOSED GAS WELL. NO AGRICULTURAL BUILDINGS > 2500 SQ. FT. OR DWELLINGS WERE FOUND WITHIN 625' OF THE CENTER OF PROPOSED WELL PAD.
- WELL SPOT CIRCLE & TOPO MARK SCALE ARE 1"=2000'

REFERENCES



LINE	BEARING	DISTANCE
L1	S 05°00' E	1181.26'
L2	S 05°19' W	1418.67'

CURVE	RADIUS	ARC LENGTH	CHORD LENGTH	CHORD BEARING
C1	758.11'	163.45'	163.14'	S 00°17' W
C2	898.95'	308.47'	306.96'	S 02°51' E
C3	2257.65'	310.22'	309.97'	S 15°13' E



12 Vanhorn Drive | P.O. Box 150 | Glenville, WV 26351 | 304.462.5634
1412 Kanawha Boulevard, East | Charleston, WV 25301 | 304.346.3952
254 East Beckley Bypass | Beckley, WV 25801 | 304.255.5296
slswv.com

I THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT 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 DIVISION OF ENVIRONMENTAL PROTECTION.



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

DATE DECEMBER 23, 2025
REVISED _____, 20____
OPERATORS WELL NO. 201
API WELL NO. 47 - 091 - 01394
STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1 / 2500 FILE NO. 9205P201-122325.dwg
HORIZONTAL & VERTICAL CONTROL DETERMINED BY: DGPS (SURVEY GRADE TIE TO CORS NETWORK) SCALE 1" = 2000'

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



WELL TYPE: OIL _____ GAS X LIQUID INJECTION _____ WASTE DISPOSAL _____ IF "GAS" PRODUCTION X STORAGE _____ DEEP _____ SHALLOW X

LOCATION :
ELEVATION 1,187.00' WATERSHED SIMPSON CREEK
DISTRICT FLEMINGTON COUNTY TAYLOR QUADRANGLE ROSEMONT
SURFACE OWNER ATLAS SHRUGGING LLC ACREAGE 897.36±
ROYALTY OWNER CHESTER AND FRANCES SINSEL & A. BROOKS FLEMING ET AL ACREAGE 571.78± & 601.50±
PROPOSED WORK :
LEASE NO. SEE WW-6A1

DRILL X CONVERT _____ DRILL DEEPER _____ REDRILL _____ FRACTURE OR STIMULATE X PLUG OFF OLD FORMATION _____ PERFORATE NEW FORMATION _____ PLUG AND ABANDON _____ CLEAN OUT AND REPLUG _____ OTHER _____
PHYSICAL CHANGE IN WELL (SPECIFY) _____ TARGET FORMATION MARCELLUS
ESTIMATED DEPTH TMD 22,826' / TVD 7,708'

WELL OPERATOR ARSENAL RESOURCES DESIGNATED AGENT ERIC MORRIS
ADDRESS 6031 WALLACE RD. EXT. SUITE 200 ADDRESS 633 WEST MAIN STREET
WEXFORD, PA 15090 BRIDGEPORT, WV 26330

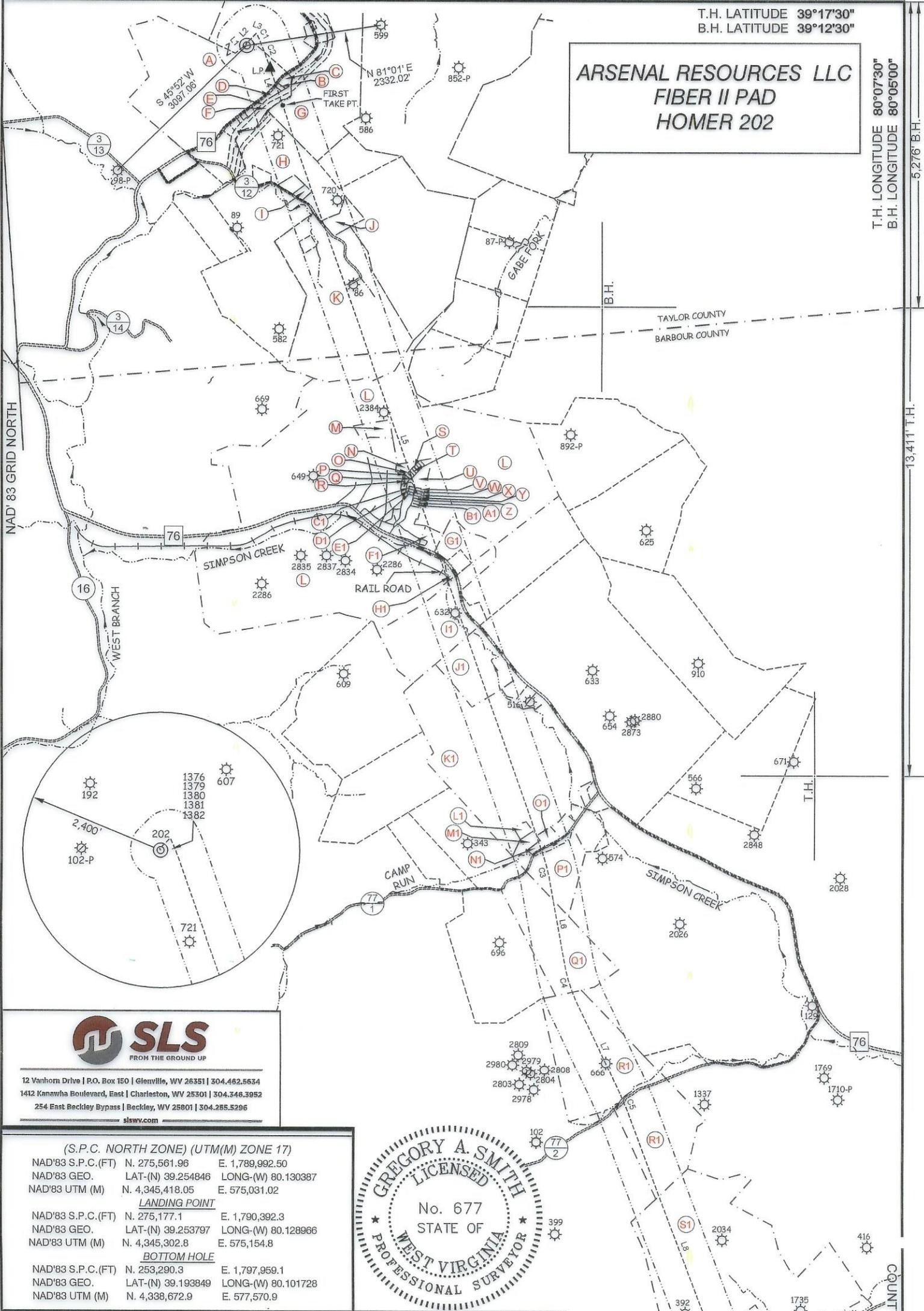
COUNTY NAME
PERMIT

02/06/2026

T.H. LATITUDE 39°17'30"
B.H. LATITUDE 39°12'30"

**ARSENAL RESOURCES LLC
FIBER II PAD
HOMER 202**

T.H. LONGITUDE 80°07'30"
B.H. LONGITUDE 80°05'00"



12 Vanhorn Drive | P.O. Box 150 | Glenville, WV 26351 | 304.462.5634
1412 Kanawha Boulevard, East | Charleston, WV 25301 | 304.346.3952
254 East Beckley Bypass | Beckley, WV 25801 | 304.255.5296
slswv.com



(S.P.C. NORTH ZONE) (UTM(M) ZONE 17)		
NAD'83 S.P.C.(FT)	N. 275,561.96	E. 1,789,992.50
NAD'83 GEO.	LAT-(N) 39.254846	LONG-(W) 80.130387
NAD'83 UTM (M)	N. 4,345,418.05	E. 575,031.02
LANDING POINT		
NAD'83 S.P.C.(FT)	N. 275,177.1	E. 1,790,392.3
NAD'83 GEO.	LAT-(N) 39.253797	LONG-(W) 80.128966
NAD'83 UTM (M)	N. 4,345,302.8	E. 575,154.8
BOTTOM HOLE		
NAD'83 S.P.C.(FT)	N. 253,290.3	E. 1,797,959.1
NAD'83 GEO.	LAT-(N) 39.193849	LONG-(W) 80.101728
NAD'83 UTM (M)	N. 4,338,672.9	E. 577,570.9

SCALE 1" = 2000' FILE NO. 9205P202-121825.dwg

DATE DECEMBER 23, 20 25
REVISED _____, 20 _____
OPERATORS WELL NO. 202
API WELL NO. 47 — 091 — 01394
STATE COUNTY PERMIT

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



02/06/2026
P.S. 677 Gregory A. Smith
(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

WELL OPERATOR ARSENAL RESOURCES DESIGNATED AGENT ERIC MORRIS
ADDRESS 6031 WALLACE RD. EXT. SUITE 200 ADDRESS 633 WEST MAIN STREET
WEXFORD, PA 15090 BRIDGEPORT, WV 26330

**ARSENAL RESOURCES LLC
FIBER II PAD
HOMER 202**



12 Vanhorn Drive | P.O. Box 150 | Glenville, WV 26351 | 304.462.5634
1412 Kanawha Boulevard, East | Charleston, WV 25301 | 304.346.3952
254 East Beckley Bypass | Beckley, WV 25801 | 304.255.5296
slswv.com

TAG	PARCEL	SURFACE OWNER	ACREAGE
A	4-11-1	ATLAS SHRUGGING LLC	897.36
ROAD	N/A	W.V. RT. 76	N/A
B	4-9-57	WILLIAM C & CRYSTAL BRAKE	1
C	UNKNOWN	N/F HARRY PYLES	1
D	4-8-93	DEBORAH S & GARY EUGENE DEVART ET AL	1.65
E	4-9-54	PDC MOUNTAINEER LLC	13.54
F	4-11-20	MAR KEY LLC	11.19
CREEK	N/A	SIMPSON CREEK	N/A
G	4-9-39	WILLIAM CLARK BRAKE ET AL	57.6
H	4-10-1	CLINTON & CANDANCE DRAINER IRR TRUST	124.42
I	4-10-2.2	CHRYSYAL KELLEY	1
ROAD	N/A	CO. RT. 3/12	N/A
J	4-10-1.1	JESSICA RIFFLE	5.02
K	4-10-3	CLINTON & CANDANCE DRAINER IRR TRUST	98.77
L	9-8-1	BECKWITH LUMBER CO INC	444.17
M	9-8A-1	RONALD DALE LAWSON	3.7
ROADS	N/A	MUTIPLE STREETS AND ALLEYS IN GALLOWAY	N/A
ROAD	N/A	CO. RT. 76/3	N/A
N	9-8A-85	N/F THEODORE IAQUINTA HEIRS/ASSIGNS	P/O 34.88
O	9-8A-91	N/F THEODORE IAQUINTA HEIRS/ASSIGNS	HOUSE/LOT 94
P	9-8A-93	WILLARD HOWARD ARBOGAST JR	HOUSE/LOT 93
Q	9-8A-92	DALLAS MAYLE	GALLOWAY LOT
R	9-8A-94	DALLAS & SHIRLEY MAYLE	HOUSE/LOT 92
S	9-8A-89	N/F THEODORE IAQUINTA HEIRS/ASSIGNS	HOUSE/LOT 96
T	9-8A-90	N/F THEODORE IAQUINTA HEIRS/ASSIGNS	HOUSE/LOT 95
U	9-8A-95	N/F THEODORE IAQUINTA HEIRS/ASSIGNS	P/O 34.88
V	9-8A-96	BILLY APPERSON	HOUSE/LOT 118
W	9-8A-97	N/F THEODORE IAQUINTA HEIRS/ASSIGNS	HOUSE/LOT 116
X	9-8A-100	GREGORY A KETTERMAN JR & ANDREA R BOLTZ	HOUSE/LOT 114
Y	9-8A-101	GREGORY A KETTERMAN JR & ANDREA R BOLTZ	HOUSE/LOT 112
Z	9-8A-104	GREGORY KETTERMAN & REGINA HWS	HOUSE/LOT 110
A1	9-8A-105	GREGORY KETTERMAN & REGINA HWS	HOUSE/LOT 108
B1	9-8A-106	GREGORY KETTERMAN & REGINA HWS	HOUSE/LOT 106
C1	9-8A-30	ICIE M TAKACS	HOUSE/LOT 117
D1	9-8A-98	RONALD DALE LAWSON	HOUSE/LOT 115
E1	9-8A-99	DEWAYNE & TRACY KELLEY KNAPP	HOUSE/LOT 113
F1	9-8A-119	DONNA K HORAN	2.497
G1	9-8-1.3	ARK LAND LLC	13.49
RAILROAD	N/A	N/F CSX	N/A
H1	9-8-3	BECKWITH LUMBER CO INC	0.617
I1	9-13-2	BECKWITH LUMBER CO INC	40
J1	9-13-2.1	JOSH SPENCER	22
K1	9-13-23	BECKWITH LUMBER CO INC	413.2
L1	9-13-12.4	ROY A JR & CINDY L PAYNE	1.29
M1	9-13-12.2	KENNETH E & ADA BROWN	1.29
N1	9-13-12	KENNETH & TERESA BROWN	0.87
O1	9-13-23.2	RONALD D MCCAULEY	1.8
ROAD	N/A	CO. RT. 77/1	N/A
CREEK	N/A	CAMP RUN	N/A
P1	9-13-12.1	MICHAEL GERALD & LISA KAY SMITH	19.803
Q1	9-13-11	BRIAN L & REBECCA J WENTZ	43
R1	9-21-3	WAKIM KIMBERLY LUFF REV TR FLANERY SHARON O, TRUSTEE	105
ROAD	N/A	CO. RT. 77/2	N/A
S1	9-21-20	BRIAN L & REBECCA J WENTZ	157.08

FILE NO. 9205P202-121825.dwg
 DATE DECEMBER 23, 2025
 REVISED _____, 20____
 OPERATORS WELL NO. 202
 API WELL NO. 47 — 091 — 01394
 STATE COUNTY PERMIT



STATE OF WEST VIRGINIA
 DIVISION OF ENVIRONMENTAL PROTECTION
 OFFICE OF OIL AND GAS
 02/06/2025
 P.S. Gregory A. Smith

WELL OPERATOR ADDRESS ARSENAL RESOURCES
6031 WALLACE RD. EXT. SUITE 200
WEXFORD, PA 15090
 DESIGNATED AGENT ADDRESS ERIC MORRIS
633 WEST MAIN STREET
BRIDGEPORT, WV 26330

COUNTY NAME
 PERMIT

67 09 161 504

WW-6A1
(5/13)

Operator's Well No. Homer 202

**INFORMATION SUPPLIED UNDER WEST VIRGINIA CODE
Chapter 22, Article 6A, Section 5(a)(5)
IN LIEU OF FILING LEASE(S) AND OTHER CONTINUING CONTRACT(S)**

Under the oath required to make the verification on page 1 of this Notice and Application, I depose and say that I am the person who signed the Notice and Application for the Applicant, and that –

- (1) the tract of land is the same tract described in this Application, partly or wholly depicted in the accompanying plat, and described in the Construction and Reclamation Plan;
- (2) the parties and recordation data (if recorded) for lease(s) or other continuing contract(s) by which the Applicant claims the right to extract, produce or market the oil or gas are as follows:

Lease Name or Number	Grantor, Lessor, etc.	Grantee, Lessee, etc.	Royalty	Book/Page
----------------------	-----------------------	-----------------------	---------	-----------

See attached

RECEIVED
Office Of Oil and Gas

JAN 05 2026

WV Department of
Environmental Protection

**Acknowledgement of Possible Permitting/Approval
In Addition to the Office of Oil and Gas**

The permit applicant for the proposed well work addressed in this application hereby acknowledges the possibility of the need for permits and/or approvals from local, state, or federal entities in addition to the DEP, Office of Oil and Gas, including but not limited to the following:

- WV Division of Water and Waste Management
- WV Division of Natural Resources WV Division of Highways
- U.S. Army Corps of Engineers
- U.S. Fish and Wildlife Service
- County Floodplain Coordinator

The applicant further acknowledges that any Office of Oil and Gas permit in no way overrides, replaces, or nullifies the need for other permits/approvals that may be necessary and further affirms that all needed permits/approvals should be acquired from the appropriate authority before the affected activity is initiated.

Well Operator: Arsenal Resources
 By: Emily Glick
 Its: Geologist & Permitting Specialist

Attachment to WW-6A1, Fiber II HOMER SOUTH 202

Letter Designation/Number Designation on Plat	Grantor, Lessor, Assignor, etc.	Grantee, Lessee, Assignee, etc.	Royalty	Book/Page	Acreage
A, B, C, D, F G 47-091-4-11-1 47-091-4-9-57 UNKNOWN 47-091-4-8-93 47-091-4-11-20 47-091-4-9-39 (00005213)	Chester Sinsel and Frances Sinsel, his wife	Union Drilling Inc	12.5+%	35/488	1,080
	Union Drilling Inc	Equitable Resources Exploration Inc		9/427	
	Equitable Resources Exploration Inc	Equitable Resources Energy Company		10/79	
	Equitable Resources Energy Company	Enervest East Limited Partnership		22/181	
	Enervest East Limited Partnership	The Houston Exploration Company		27/99	
	The Houston Exploration Company	Seneca-Upshur Petroleum Inc		27/426	
	Seneca-Upshur Petroleum Inc	Seneca-Upshur Petroleum LLC		31/427	
A, B, C, D, F G 47-091-4-11-1 47-091-4-9-57 UNKNOWN 47-091-4-8-93 47-091-4-11-20 47-091-4-9-39 (00006028)	A Brooks Fleming and Winnie Fleming his wife and Georgia L Fleming Widow	Union Drilling Inc.	12.5+%	33/79	890
	Union Drilling Inc	Equitable Resources Exploration Inc		216/411	
	Equitable Resources Exploration Inc	Equitable Resources Energy Company		10/79	
	Equitable Resources Energy Company	Enervest East Limited Partnership		250/359	
	Enervest East Limited Partnership	Enervest Management Partners LTD		24/221	
	Enervest Management Partners LTD	The Houston Exploration Company		27/93	
	The Houston Exploration Company	Seneca-Upshur Petroleum Inc		27/246	
	Seneca-Upshur Petroleum Inc	Seneca-Upshur Petroleum LLC		31/427	
ROAD		WV ROUTE 76			
E 47-091-4-9-54 (00004128)	ANNA KAY SMITH	Petroleum Development Corp	12.5+%	42/584	356

RECEIVED
 Office Of Oil and Gas
 JAN 05 2026
 WV Department of
 Environmental Protection

47-091-4-11-20

Attachment to WW-6A1, Fiber II HOMER SOUTH 202

Letter Designation/Number Designation on Plat	Grantor, Lessor, Assignor, etc.	Grantee, Lessee, Assignee, etc.	Royalty	Book/Page	Acreage
	Petroleum Development Corp	PDC Mountaineer LLC		30/698	
	PDC Mountaineer LLC	River Ridge Energy, LLC		59/1263	
E 47-091-4-9-54 (00004130)	AUGUSTIS B SMITH MARY A SMITH	Petroleum Development Corp	12.5+%	41/531	356
	Petroleum Development Corp	PDC Mountaineer LLC		30/698	
	PDC Mountaineer LLC	River Ridge Energy, LLC		59/1263	
E 47-091-4-9-54 (00004131)	DENVER D SMITH AND BERTIE SMITH	Petroleum Development Corp	12.5+%	41/513	356
	Petroleum Development Corp	PDC Mountaineer LLC		30/698	
	PDC Mountaineer LLC	River Ridge Energy, LLC		59/1263	
E 47-091-4-9-54 (00004132)	RICHARD G SMITH	Petroleum Development Corp	12.5+%	42/1	356
	Petroleum Development Corp	PDC Mountaineer LLC		30/698	
	PDC Mountaineer LLC	River Ridge Energy, LLC		59/1263	
E 47-091-4-9-54 (00004133)	MURREL WILSON AND O B WILSON	Petroleum Development Corp	12.5+%	41/568	356
	Petroleum Development Corp	PDC Mountaineer LLC		30/698	
	PDC Mountaineer LLC	River Ridge Energy, LLC		59/1263	
E 47-091-4-9-54 (00004134)	CAROLYN KAY STUART & GAIL B STUART	Petroleum Development Corp	12.5+%	41/593	356
	Petroleum Development Corp	PDC Mountaineer LLC		30/698	
	PDC Mountaineer LLC	River Ridge Energy, LLC		59/1263	
E 47-091-4-9-54 (00004135)	KIMBERLY ANN CORLEY VOLLMAN ET VIR	Petroleum Development Corp	12.5+%	42/235	356
	Petroleum Development Corp	PDC Mountaineer LLC		30/698	
	PDC Mountaineer LLC	River Ridge Energy, LLC		59/1263	
E 47-091-4-9-54 (00004136)	ELIZABETH STOUT	Petroleum Development Corp	12.5+%	41/521	356

RECEIVED
 Office Of Oil and Gas
 JAN 05 2026
 WV Department of
 Environmental Protection

47-091-4-9-54

Attachment to WW-6A1, Fiber II HOMER SOUTH 202

Letter Designation/Number Designation on Plat	Grantor, Lessor, Assignor, etc.	Grantee, Lessee, Assignee, etc.	Royalty	Book/Page	Acreage
	Petroleum Development Corp	PDC Mountaineer LLC		30/698	
	PDC Mountaineer LLC	River Ridge Energy, LLC		59/1263	
E 47-091-4-9-54 (00004137)	VIRGINIA SMITH	Petroleum Development Corp	12.5+%	41/552	356
	Petroleum Development Corp	PDC Mountaineer LLC		30/698	
	PDC Mountaineer LLC	River Ridge Energy, LLC		59/1263	
E 47-091-4-9-54 (00004138)	VIRGINIA JOY STEMPLE ET VIR	Petroleum Development Corp	12.5+%	41/564	356
	Petroleum Development Corp	PDC Mountaineer LLC		30/698	
	PDC Mountaineer LLC	River Ridge Energy, LLC		59/1263	
E 47-091-4-9-54 (00004139)	DONALD D SMITH	Petroleum Development Corp	12.5+%	41/556	356
	Petroleum Development Corp	PDC Mountaineer LLC		30/698	
	PDC Mountaineer LLC	River Ridge Energy, LLC		59/1263	
E 47-091-4-9-54 (00004141)	ERNEST T SMITH AND ADA SMITH	Petroleum Development Corp	12.5+%	41/517	356
	Petroleum Development Corp	PDC Mountaineer LLC		30/698	
	PDC Mountaineer LLC	River Ridge Energy, LLC		59/1263	
E 47-091-4-9-54 (00004142)	KENNETH SMITH AND BEATRICE SMITH	Petroleum Development Corp	12.5+%	41/572	356
	Petroleum Development Corp	PDC Mountaineer LLC		30/698	
	PDC Mountaineer LLC	River Ridge Energy, LLC		59/1263	
E 47-091-4-9-54 (00004143)	MICHAEL SMITH & REBECCA SMITH	Petroleum Development Corp	12.5+%	42/98	356
	Petroleum Development Corp	PDC Mountaineer LLC		30/698	
	PDC Mountaineer LLC	River Ridge Energy, LLC		59/1263	
E 47-091-4-9-54 (00004144)	FRANCELLE EICH AND ROBERT EICH	Petroleum Development Corp	12.5+%	41/501	356

RECEIVED
 Office Of Oil and Gas
 JAN 05 2026
 WV Department of
 Environmental Protection

Attachment to WW-6A1, Fiber II HOMER SOUTH 202

Letter Designation/Number Designation on Plat	Grantor, Lessor, Assignor, etc.	Grantee, Lessee, Assignee, etc.	Royalty	Book/Page	Acreage
	Petroleum Development Corp	PDC Mountaineer LLC		30/698	
	PDC Mountaineer LLC	River Ridge Energy, LLC		59/1263	
E 47-091-4-9-54 (00004145)	ELEANOR GREATHOUSE & ONA SMITH L/E	Petroleum Development Corp	12.5+%	41/657	356
	Petroleum Development Corp	PDC Mountaineer LLC		30/698	
	PDC Mountaineer LLC	River Ridge Energy, LLC		59/1263	
E 47-091-4-9-54 (00004146)	PEARL FUNDK AND FRANK FUNDK	Petroleum Development Corp	12.5+%	41/497	356
	Petroleum Development Corp	PDC Mountaineer LLC		30/698	
	PDC Mountaineer LLC	River Ridge Energy, LLC		59/1263	
E 47-091-4-9-54 (00004147)	EVELYN MARTIN AND JAMES E MARTIN	Petroleum Development Corp	12.5+%	41/649	356
	Petroleum Development Corp	PDC Mountaineer LLC		30/698	
	PDC Mountaineer LLC	River Ridge Energy, LLC		59/1263	
E 47-091-4-9-54 (00004148)	BETTY LOU SHOCKEY	Petroleum Development Corp	12.5+%	41/601	356
	Petroleum Development Corp	PDC Mountaineer LLC		30/698	
	PDC Mountaineer LLC	River Ridge Energy, LLC		59/1263	
E 47-091-4-9-54 (00004149)	HAZEL POSTLETHWAIT	Petroleum Development Corp	12.5+%	41/560	356
	Petroleum Development Corp	PDC Mountaineer LLC		30/698	
	PDC Mountaineer LLC	River Ridge Energy, LLC		59/1263	
E 47-091-4-9-54 (00004150)	KATHLEEN ROACH	Petroleum Development Corp	12.5+%	41/613	356
	Petroleum Development Corp	PDC Mountaineer LLC		30/698	
	PDC Mountaineer LLC	River Ridge Energy, LLC		59/1263	
E 47-091-4-9-54 (00004151)	CONNIE SUE SCOTT AND ROY A SCOTT	Petroleum Development Corp	12.5+%	41/609	356

RECEIVED
 Office Of Oil and Gas
 JAN 05 2026
 W.C. Department of
 Environmental Protection

2026010504

Attachment to WW-6A1, Fiber II HOMER SOUTH 202

Letter Designation/Number Designation on Plat	Grantor, Lessor, Assignor, etc.	Grantee, Lessee, Assignee, etc.	Royalty	Book/Page	Acreage
	Petroleum Development Corp	PDC Mountaineer LLC		30/698	
	PDC Mountaineer LLC	River Ridge Energy, LLC		59/1263	
E 47-091-4-9-54 (00004152)	CARRIE JEANETTE SMITH	Petroleum Development Corp	12.5+%	41/509	356
	Petroleum Development Corp	PDC Mountaineer LLC		30/698	
	PDC Mountaineer LLC	River Ridge Energy, LLC		59/1263	
E 47-091-4-9-54 (00004153)	ALVA O PHILLIPS	Petroleum Development Corp	12.5+%	41/505	356
	Petroleum Development Corp	PDC Mountaineer LLC		30/698	
	PDC Mountaineer LLC	River Ridge Energy, LLC		59/1263	
E 47-091-4-9-54 (00004154)	CHERYL LYNN CORLEY HALL ET VIR	Petroleum Development Corp	12.5+%	41/661	356
	Petroleum Development Corp	PDC Mountaineer LLC		30/698	
	PDC Mountaineer LLC	River Ridge Energy, LLC		59/1263	
E 47-091-4-9-54 (00004155)	SARAH SHIELDS	Petroleum Development Corp	12.5+%	41/641	356
	Petroleum Development Corp	PDC Mountaineer LLC		30/698	
	PDC Mountaineer LLC	River Ridge Energy, LLC		59/1263	
CREEK					
H, I, J					
47-091-4-10-1 47-091-4-10-2.2 47-091-4-10-1.1 (00004271)	JAMES B ROSS AND ALMA E ROSS	UNION DRILLING INC	12.5+%	40/504	134
	Union Drilling Inc	Equitable Resources Exploration Inc		9/427	
	Equitable Resources Exploration Inc	Equitable Resources Energy Comp		10/79	
	Equitable Resources Energy Company	Petroleum Development Corp		12/137	
	Petroleum Development Corp	PDC Mountaineer LLC		30/698	
	PDC Mountaineer LLC	River Ridge Energy, LLC		59/1263	

WV Department of Environmental Protection

JAN 05 2026

RECEIVED
Office Of Oil and Gas

17700000504

Attachment to WW-6A1, Fiber II HOMER SOUTH 202

Letter Designation/Number Designation on Plat	Grantor, Lessor, Assignor, etc.	Grantee, Lessee, Assignee, etc.	Royalty	Book/Page	Acreage
H, I, J 47-091-4-10-1 47-091-4-10-2.2 47-091-4-10-1.1 (00004272)	ANN ROSS DUNN AND JOHN R DUNN Union Drilling Inc Equitable Resources Exploration Inc Equitable Resources Energy Company Petroleum Development Corp PDC Mountaineer LLC	UNION DRILLING INC Equitable Resources Exploration Inc Equitable Resources Energy Company Petroleum Development Corp PDC Mountaineer LLC River Ridge Energy, LLC	12.5+% 	40/489 9/427 10/79 12/137 30/698 59/1263	134
ROAD	COUNTY ROUTE 3/12				
K, L 47-091-4-10-3 47-001-9-8-1 (00006027)	CLAGET H AND JEAN W ROSS Union Drilling Inc Equitable Resources Exploration Inc Equitable Resources Energy Company Enervest East Limited Partnership The Houston Exploration Company Seneca-Upshur Petroleum Inc	UNION DRILLING INC Equitable Resources Exploration Inc Equitable Resources Energy Company Enervest East Limited Partnership The Houston Exploration Company Seneca-Upshur Petroleum Inc Seneca-Upshur Petroleum LLC	12.5+% 	63/573 216/411 6/547 250/359 138/1 27/426 31/427	100
L, M 47-001-9-8-1 47-001-9-8A-1 (00005920)	ADA M CLEAVENGER ET VIR Cumberland and Allegheny Gas Union Drilling Inc Equitable Resources Exploration Inc Equitable Resources Energy Company Fuel Resources Production & Development	CUMBERLAND AND ALLEGHENY GAS Union Drilling Inc Equitable Resources Exploration Inc Equitable Resources Energy Company Fuel Resources Production & Development The Houston Exploration Company	12.5+% 	45/443 46/347 325/219 328/171 118/81 383/187	237.68

RECEIVED
 Office Of Oil and Gas
 JAN 05 2026
 WV Department of
 Environmental Protection

47-001-9-8-1-594

Attachment to WW-6A1, Fiber II HOMER SOUTH 202

Letter Designation/Number Designation on Plat	Grantor, Lessor, Assignor, etc.	Grantee, Lessee, Assignee, etc.	Royalty	Book/Page	Acreage
	The Houston Exploration Company	Seneca-Upshur Petroleum Inc		404/381	
	Seneca-Upshur Petroleum Inc	Seneca-Upshur Petroleum LLC		31/427	
	Equitable Resources Exploration Inc	Petroleum Development Corp		114/303	
	Equitable Resources Exploration Inc	Petroleum Development Corp		114/400	
	Petroleum Development Corp	PDC Mountaineer LLC		150/444	
	PDC Mountaineer LLC	River Ridge Energy, LLC		59/1263	
ROADS	MULTIPLE STREETS AND ALLEYS IN GALLOWAY				
ROAD	COUNTY ROUTE 76/3				
N, O, P, Q, R, S, T, U, V, W, X, Y, Z, A1, B1, C1, D1, E1, F1, G1, H1 47-001-9-8A-85, 91, 93, 92, 94, 89, 90, 95, 96, 97, 100, 101, 104, 105, 106, 30, 98, 99, 119, 1.3 47-001-9-8-3 (00005717)	JAMES R TAYLOR ET AL	CONSOLIDATED GAS SUPPLY CORP	12.5+%	71/397	193.95
	CONSOLIDATED GAS SUPPLY CORP	CONSOLIDATED GAS TRANSMISSION CORP		99/481	
	CONSOLIDATED GAS TRANSMISSION CORP	CNG DEVELOPMENT COMPANY		103/71	
	CNG DEVELOPMENT CO	EQUITABLE RESOURCES / UNION DRILLING		113/28	
	Equitable Resources Exploration Inc	Equitable Resources Energy Company		328/171	
	Equitable Resources Energy Company	Fuel Resources Production & Development		110/81	
	Equitable Resources Energy Company	Enervest East Limited Partnership		129/524	
	Fuel Resources Production & Development	The Houston Exploration Company		383/187	
	Enervest East Limited Partnership	The Houston Exploration Company		138/1	
	The Houston Exploration Company	Seneca-Upshur Petroleum Inc		404/381	
	Seneca-Upshur Petroleum Inc	Seneca-Upshur Petroleum LLC		447/129	

RECEIVED
Office Of Oil and Gas
JAN 05 2026
WV Department of
Environmental Protection

1-5-2026 3:04

Attachment to WW-6A1, Fiber II HOMER SOUTH 202

Letter Designation/Number Designation on Plat	Grantor, Lessor, Assignor, etc.	Grantee, Lessee, Assignee, etc.	Royalty	Book/Page	Acreage
N, O, P, Q, R, S, T, U, V, W, X, Y, Z, A1, B1, C1, D1, E1, F1, G1, H1 47-091-9-8A- 85, 91, 93, 92, 94, 89, 90, 95, 96, 97, 100, 101, 104, 105, 106, 30, 98, 99, 119, 1.3 47-001-9-8-3 (00005720)	Enervest East Limited Partnership The Houston Exploration Company Seneca-Upshur Petroleum Inc	The Houston Exploration Company Seneca Upshur Petroleum Inc Seneca Upshur Petroleum LLC		138/1 404/381 447/129	
	RUSSELL T TAYLOR	UNION DRILLING INC	12.5+%	73/316	193.95
	Union Drilling Inc	Equitable Resources Exploration Inc		14/312	
	Equitable Resources Exploration Inc	Equitable Resources Energy		328/171	
	Equitable Resources Energy	Fuel Resources Production & Development		116/81	
	Equitable Resources Energy	Enervest East Limited Partnership		129/524	
	Fuel Resources Production & Development	The Houston Exploration Company		383/187	
Enervest East Limited Partnership The Houston Exploration Company Seneca-Upshur Petroleum Inc	The Houston Exploration Company Seneca Upshur Petroleum Inc Seneca Upshur Petroleum LLC		138/1 404/381 447/129		
RAILROAD		CSX			
11 47-001-9-13-2 (00005937)	AGNES HONC	UNION DRILLING INC & ALLERTON MILLER	12.5+%	70/7	40
	Allerton Miller Union Drilling Inc	Union Drilling Inc		98/11	
	Equitable Resources Exploration Inc	Equitable Resources Exploration Inc		325/219	
	Equitable Resources Energy Company	Equitable Resources Energy Company		328/171	
	Equitable Resources Energy Company	Fuel Resources Production & Development		116/81	
	Equitable Resources Energy Company	Enervest East Limited Partnership		129/524	
	Fuel Resources Production & Development	The Houston Exploration Company		136/162	

RECEIVED
 Office Of Oil and Gas
 WV Department of
 Environmental Protection
 JAN 05 2026

Attachment to WW-6A1, Fiber II HOMER SOUTH 202

Letter Designation/Number Designation on Plat	Grantor, Lessor, Assignor, etc.	Grantee, Lessee, Assignee, etc.	Royalty	Book/Page	Acreage
	Enervest East Limited Partnership The Houston Exploration Company Seneca-Upshur Petroleum Inc	The Houston Exploration Company Seneca-Upshur Petroleum Inc Seneca-Upshur Petroleum LLC		138/1 139/48 447/129	
J1 47-001-9-13-2.1 (00009395)	JORDAN NICOLE BOWERS	MAR KEY LLC	12.5+%	185/459	22
K1, O1 47-001-09-13-23 47-001-09-13-23.2 (00005917)	SADIE C LAKE Cumberland and Allegheny Gas Allerton Miller Union Drilling Inc Equitable Resources Exploration Inc Equitable Resources Energy Company Equitable Resources Energy Company Fuel Resources Production & Development Enervest East Limited Partnership The Houston Exploration Company Seneca-Upshur Petroleum Inc	CUMBERLAND AND ALLEGHENY GAS Union Drilling Inc & Allerton Miller Union Drilling Inc Equitable Resources Exploration Inc Equitable Resources Energy Company Fuel Resources Production & Development Enervest East Limited Partnership The Houston Exploration Company The Houston Exploration Company Seneca-Upshur Petroleum Inc Seneca-Upshur Petroleum LLC	12.5+%	45/423 46/347 98/11 325/219 328/171 116/81 129/524 136/162 138/1 139/48 447/129	469.78
ROAD		COUNTY ROUTE 77/1			
CREEK		CAMP RUN			
L1 47-001-9-13-12.4	MAR KEY LLC	River Ridge Energy, LLC	12.5+%	lease pending	1.29
M1 47-001-9-13-12.2	MAR KEY LLC	River Ridge Energy, LLC	12.5+%	lease pending	1.29
N1 47-001-9-13-12	MAR KEY LLC	River Ridge Energy, LLC	12.5+%	lease pending	0.87
P1 47-001-09-13-12.1 00009730	MIKE ROSS INC AND WACO OIL AND GAS INC	MAR KEY	12.5+%	See attached lease	20

RECEIVED
 Office Of Oil and Gas
 JAN 05 2026
 Environmental Protection
 Department of

Attachment to WW-6A1, Fiber II HOMER SOUTH 202

Letter Designation/Number Designation on Plat	Grantor, Lessor, Assignor, etc.	Grantee, Lessee, Assignee, etc.	Royalty	Book/Page	Acreage
P1 47-001-09-13-12.1 00009741	MICHAEL GERALD AND LISA KAY SMITH	MAR KEY LLC	12.5+%	See attached lease	20
Q1 47-001-09-13-11 (00008915)	BRIAN L AND REBBECCA J WENTZ	MAR KEY LLC	12.5+%	185/60	101
R1 47-001-09-21-3 (00005913)	JOHN B AND EVELYN E TALBOTT Union Drilling Inc Equitable Resources Exploration Equitable Resources Energy Equitable Resources Energy Equitable Resources Energy Fuel Resources Production & Development Enervest East Limited Partnership The Houston Exploration Company Seneca-Upshur Petroleum Inc	UNION DRILLING INC Equitable Resources Exploration Equitable Resources Energy Fuel Resources Production & Development Enervest East Limited Partnership The Houston Exploration Company The Houston Exploration Company Seneca-Upshur Petroleum Inc Seneca-Upshur Petroleum LLC	12.5+%	70/171 216/411 219/258 116/81 129/524 383/187 138/1 404/381 447/129	105
R1 47-001-09-21-3 (00005914)	VIRGINIA C TALBOTT Union Drilling Inc Equitable Resources Exploration Equitable Resources Energy Equitable Resources Energy Equitable Resources Energy Fuel Resources Production & Development Enervest East Limited Partnership The Houston Exploration Company Seneca-Upshur Petroleum Inc	UNION DRILLING INC Equitable Resources Exploration Equitable Resources Energy Fuel Resources Production & Development Enervest East Limited Partnership The Houston Exploration Company The Houston Exploration Company Seneca-Upshur Petroleum Inc Seneca-Upshur Petroleum LLC	12.5+%	70/387 216/411 219/258 116/81 129/524 383/187 138/1 404/381 447/129	105
ROAD	COUNTY ROUTE 77/2				

RECEIVED
 Office Of Oil and Gas
 JAN 05 2025
 WV Department of
 Environmental Protection

Attachment to WW-6A1, Fiber II HOMER SOUTH 202

Letter Designation/Number Designation on Plat	Grantor, Lessor, Assignor, etc.	Grantee, Lessee, Assignee, etc.	Royalty	Book/Page	Acreage
S1 47-001-09-21-20 (00005796)	D H & PHILOMENA PATSY	CUMBERLAND AND ALLEGHENY GAS	12.5+%	40/114	159.06
	Cumberland and Allegheny Gas Company	Union Drilling Inc. & Allerton Miller		46/347	
	Allerton Miller	Union Drilling Inc.		98/11	
	Union Drilling Inc.	Equitable Resources Exploration		325/219	
	Equitable Resources Exploration	Equitable Resources Energy Co		328/171	
	Equitable Resources Energy Co	Fuel Resources Production & Development		116/81	
	Equitable Resources Energy Co	Enervest East Limited Partnership		129/524	
	Fuel Resources Production & Development	The Houston Exploration Company		136/162	
	Enervest East Limited Partnership	The Houston Exploration Company		138/1	
	The Houston Exploration Company	Seneca-Upshur Petroleum Inc		139/48	
	Seneca-Upshur Petroleum Inc	Seneca-Upshur Petroleum LLC		447/129	

RECEIVED
 Office Of Oil and Gas
 JAN 05 2026
 WV Department of
 Environmental Protection

47-001-9-13-12.1

MEMORANDUM OF NO SURFACE USE OIL AND GAS LEASE

State of West Virginia

County Pleasant

Lessor: Michael Gerald Smith and Lisa Kay Smith
Lessor's Address: 3894 Harrisville Rd, Mt Airy, MD 21771

Lessee: Mar Key, LLC
Lessee's Address: 6031 Wallace Road Extension, Suite 200
Wexford, PA 15090

Date Executed: 12-13-2025

Effective Date: 12-13-2025

As of the Effective Date stated above, Lessors, named above, executed and delivered to Lessee, name above, a No Surface Use-Oil and Gas Lease, (the "Agreement") in which Lessors granted, leased, and let to Lessee lands (the "Lands") located in the County and State named, described as follows:

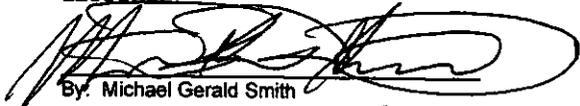
All that certain tract of land in Barbour District, Pleasant County, West Virginia, described in Deed Book(s) 430, at Page(s) 278, dated July 15, 2008 and recorded in the Recorder's Office of said County, containing 19.20000 acres, more or less. Said Leased Premises, including but not limited to tract(s) being identified for tax purposes as parcel number(s) 47-001-9-13-12.1, as of the date of this Agreement. Notwithstanding said tax map designation, the Agreement shall be effective as to the tract(s) described in Deed Book 430, at Page 278 and actually owned by Lessor whether or not the tax map designation correctly identifies the location of the tract. It being the purpose and intent of Lessor to lease and Lessor does hereby lease all interests in the land above described now owned or hereafter acquired by Lessor. This Lease also covers and includes, in addition to that above described, all land, if any, contiguous or adjacent to or adjoining the lands above described and (a) owned or claimed by Lessor, by limitation, prescription, possession, reversion or unrecorded instrument or (b) as to which Lessor has a preference right of acquisition. Lessor agrees to execute any supplemental instrument requested by Lessee for a more complete or accurate description of said land.

The Agreement is for a primary term of Two (2) years from the Effective Date stated above and as long thereafter as oil, gas or other minerals are produced from the lands described above, or lands pooled therewith, according to and by the terms and provisions of the Agreement between Lessor and Lessee. The Agreement, with all of its terms, covenants and other provisions, is referred to and incorporated into this Memorandum for all purposes.

This Memorandum of No Surface Use-Oil and Gas Lease, is executed by Lessor and Lessee and placed of record in the County in which the Lands are located for the purpose of placing all persons on notice of the existence of the Agreement which Agreement is not, at the request of both parties, being placed of record.

WITNESS:

LESSORS:


By: Michael Gerald Smith


By: Lisa Kay Smith

LESSEE:
Mar Key, LLC

By: Jon Sheldon
Its: SVP & COO

RECEIVED
Office Of Oil and Gas

JAN 05 2026

WV Department of
Environmental Protection

02/06/2026

ACKNOWLEDGMENT

STATE OF Maryland)
COUNTY OF Carroll) SS:

On this the 13 day of December, 2025, before me, the undersigned officer, appeared Michael Gerald Smith, satisfactorily proven to be the person(s) whose name(s) is/are subscribed to the within instrument, and acknowledged that he/she executed the same for the purposes therein contained.

IN WITNESS WHEREOF, I hereunto set my hand and official seal.

My Commission Expires: 10/11/2027

Signature/Notary Public: Diana Hyatt

Name/Notary Public (print): Diana Hyatt



ACKNOWLEDGMENT

STATE OF Maryland)
COUNTY OF Carroll) SS:

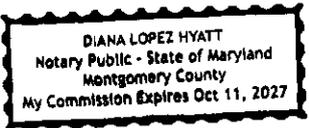
On this the 13 day of December, 2025, before me, the undersigned officer, appeared Lisa Kay Smith, satisfactorily proven to be the person(s) whose name(s) is/are subscribed to the within instrument, and acknowledged that he/she executed the same for the purposes therein contained.

IN WITNESS WHEREOF, I hereunto set my hand and official seal.

My Commission Expires: 10/11/2027

Signature/Notary Public: Diana Hyatt

Name/Notary Public (print): Diana Hyatt



ACKNOWLEDGMENT

COMMONWEALTH OF PENNSYLVANIA)
COUNTY OF ALLEGHENY) SS:

On this the ____ day of _____, 2025, before me, the undersigned officer personally appeared **Jon Sheldon**, who acknowledged himself to be the **SVP & COO** of **Mar Key, LLC** and as such **SVP and COO**, being authorized to do so, executed the foregoing instrument for the purposes therein contained by signing his name as **SVP & COO**.

IN WITNESS WHEREOF, I hereunto set my hand and official seal.

My Commission Expires: _____

Signature/Notary Public: _____

Name/Notary Public (print): _____

PREPARED BY & RETURN TO:
MAR KEY, LLC
6031 WALLACE RD EXT, STE 200
WEXFORD, PA 15090

RECEIVED
Office Of Oil and Gas
JAN 05 2026
WV Department of
Environmental Protection

47-001-09-13-12.1

MEMORANDUM OF OIL AND GAS LEASE

State of West Virginia

County Harrison

Lessor: Mike Ross Inc and Waco Oil and Gas Inc.
Lessor's Address: PO Box 219, Coalton, WV 26257

Lessee: Mar Key, LLC.
Lessee's Address: 6031 Wallace Road Extension, Suite 200
Wexford, PA 15090

Date Executed: _____
Effective Date: _____

As of the Effective Date stated above, Lessors, named above, executed and delivered to Lessee, name above, an Oil and Gas Lease, Easement and Right-of-Way (the "Agreement") in which Lessors granted, leased, and let to Lessee lands (the "Lands") located in the County and State named, described as follows:

All that certain tract of land in Barbour District, Pleasant County, West Virginia, described in Deed Book(s) 446, at Page(s) 628, dated 4/1/2011, and recorded in the Recorder's Office of said County, containing 19 acres, more or less. Said Leased Premises, including but not limited to tract(s) being identified for tax purposes as parcel number(s) 47-001-09-13-12.1 & 12.3, as of the date of this Agreement. Notwithstanding said tax map designation, the Agreement shall be effective as to the tract(s) described in Deed Book 446, at Page 628 and actually owned by Lessor whether or not the tax map designation correctly identifies the location of the tract. It being the purpose and intent of Lessor to lease and Lessor does hereby lease all interests in the land above described now owned or hereafter acquired by Lessor. This Lease also covers and includes, in addition to that above described, all land, if any, contiguous or adjacent to or adjoining the lands above described and (a) owned or claimed by Lessor, by limitation, prescription, possession, reversion or unrecorded instrument or (b) as to which Lessor has a preference right of acquisition. Lessor agrees to execute any supplemental instrument requested by Lessee for a more complete or accurate description of said land.

The Agreement is for a primary term of Two (2) years from the Effective Date stated above and as long thereafter as oil, gas or other minerals are produced from the lands described above, or lands pooled therewith, according to and by the terms and provisions of the Agreement between Lessor and Lessee. The Agreement, with all of its terms, covenants and other provisions, is referred to and incorporated into this Memorandum for all purposes.

This Memorandum of Oil and Gas Lease, Easement and Right-of-Way is executed by Lessor and Lessee and placed of record in the County in which the Lands are located for the purpose of placing all persons on notice of the existence of the Agreement which Agreement is not, at the request of both parties, being placed of record.

WITNESS:

LESSOR:
MIKE ROSS INC.

Mike Ross
By: Mike Ross, President

LESSOR:
WACO OIL AND GAS INC.

I. L. Morris
By: I. L. Morris, President

LESSEE:
Mar Key, LLC

By: Jon Sheldon
Its: SVP & COO

RECEIVED
Office Of Oil and Gas
JAN 05 2026
WV Department of
Environmental Protection

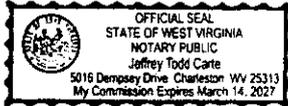
02/06/2026

ACKNOWLEDGMENT

STATE OF West Virginia)
) SS:
COUNTY OF Upshur)

On this the 8th day of April, 2025, before me, the undersigned officer personally appeared **Mike Ross**, who acknowledged himself to be the **President of Mike Ross Inc.** and as such **President**, being authorized to do so, executed the foregoing instrument for the purposes therein contained by signing his name as **President**.

IN WITNESS WHEREOF, I hereunto set my hand and official seal.



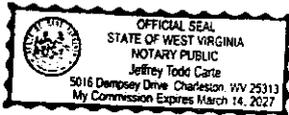
My Commission Expires: March 14, 2027
Signature/Notary Public: [Signature]
Name/Notary Public (print): Jeffrey Todd Carke

ACKNOWLEDGMENT

STATE OF West Virginia)
) SS:
COUNTY OF Upshur)

On this the 8th day of April, 2025, before me, the undersigned officer personally appeared **I.L. Morris**, who acknowledged himself to be the **President of Waco Oil and Gas Inc.** and as such **President**, being authorized to do so, executed the foregoing instrument for the purposes therein contained by signing his name as **President**.

IN WITNESS WHEREOF, I hereunto set my hand and official seal.



My Commission Expires: March 14, 2027
Signature/Notary Public: [Signature]
Name/Notary Public (print): Jeffrey Todd Carke

RECEIVED
Office Of Oil and Gas
JAN 05 2026
WV Department of
Environmental Protection

ACKNOWLEDGMENT

COMMONWEALTH OF PENNSYLVANIA)
) SS:
COUNTY OF ALLEGHENY)

On this the ___ day of _____, 2025, before me, the undersigned officer personally appeared **Jon Sheldon**, who acknowledged himself to be the **SVP & COO of Mar Key, LLC** and as such **SVP and COO**, being authorized to do so, executed the foregoing instrument for the purposes therein contained by signing his name as **SVP & COO**.

IN WITNESS WHEREOF, I hereunto set my hand and official seal.

My Commission Expires: _____

Signature/Notary Public: _____

Name/Notary Public (print): _____

PREPARED BY & RETURN TO:
MAR KEY, LLC
6031 WALLACE RD EXT, STE 200
WEXFORD, PA 15090

02/06/2026

Agreement to Drill, Complete and Operate Oil & Gas Wells

This Agreement to Drill, Complete and Operate Oil & Gas Wells (this "Agreement"), by and among Arsenal Resources LLC, a West Virginia limited liability company ("Arsenal"), River Ridge Energy, LLC, a Delaware limited liability company ("River Ridge"), and River Ridge Energy, Holdings, LLC, a Delaware limited liability company ("River Ridge Holdings"), is effective as of March 1, 2017. (the "Effective Date") and sets forth the terms pursuant to which Arsenal will drill, complete and operate the Wells (as defined below) on behalf of River Ridge and River Ridge Holdings. Arsenal, River Ridge, and River Ridge Holdings are each a "Party" and are collectively the "Parties". In consideration of the foregoing and the respective agreements hereinafter set forth and the mutual benefits to be derived therefrom, the Parties, intending to be legally bound, hereby agree as follows:

1. **Term:** This Agreement is effective from the Effective Date until terminated by Arsenal on the one hand or River Ridge and River Ridge Holdings on the other hand with 30 days' written notice to the other Party or Parties, as applicable (the "Term").
2. **Authorization to Operate:** River Ridge and River Holdings authorize Arsenal to undertake and perform, on River Ridge and River Ridge Holdings behalf, all operations, including without limitation permit applications, well pad preparation, drilling and completing wells, and marketing gas, oil and other hydrocarbons therefrom with respect to all oil and gas wells to be drilled on oil and gas leasehold acreage held by River Ridge or River Ridge Holdings. River Ridge, River Ridge Holdings and Arsenal are affiliates with a common parent. Arsenal was formed to operate oil and gas leasehold acreage held by River Ridge, River Ridge Holdings and certain other affiliates. Arsenal agrees that it shall, in a good and workmanlike manner and in accordance with industry standards as they prevail in the area, drill, complete and operate oil and gas wells on leasehold acreage owned by River Ridge or River Ridge Holdings from time to time as directed by River Ridge or River Ridge Holdings (collectively, the "Wells").
3. **No Third Party Beneficiary:** This Agreement is for the benefit of the Parties and is not for the benefit of any third party.
4. **Counterparts:** This Agreement may be simultaneously executed in several counterparts and via facsimile or similar electronic transmittal, each of which shall be deemed to be an original and taken together shall constitute one and the same instrument.

[Signature Page Follows]

RECEIVED
Office Of Oil and Gas
JAN 05 2026
WV Department of
Environmental Protection

IN WITNESS WHEREOF, Arsenal, River Ridge, and River Ridge Holdings have caused their duly authorized representatives to execute this Agreement as of the Effective Date.

ARSENAL RESOURCES LLC

By: Joel E. Symonds
Name: Joel E. Symonds
Title: Vice President - Land

RIVER RIDGE ENERGY, LLC

By: Joel E. Symonds
Name: Joel E. Symonds
Title: Vice President - Land

RECEIVED
Office Of Oil and Gas
JAN 05 2026
WV Department of
Environmental Protection

RIVER RIDGE HOLDINGS, LLC

By: Joel E. Symonds
Name: Joel E. Symonds
Title: Vice President - Land

4709 101394



People Powered. Asset Strong.

December 30, 2025

Mr. James Martin, Chief of Oil and Gas
West Virginia Department of Environmental Protection
601 57th Street, SE
Charleston, WV 25304

RE: Ownership of Roadways; Fiber II Unit (Homer Well 202)

Dear Mr. Martin:

In preparation of filing a permit application for the above referenced well, Arsenal Resources has conducted a thorough title examination in order to determine the ownership of the oil and gas underlying roadways crossed by the proposed well(s). If owned in fee by the West Virginia Department of Transportation, Division of Highways, a lease covering its interest in the roadway or roadways has been properly obtained and provided in the application materials. If a right of way only, the oil and gas underlying such roadway or roadways is owned by the adjoining landowners and is also covered by the leaseholds provided in the application materials.

If you have any questions, concerns or need further information, please do not hesitate to contact me at the address listed below.

Sincerely,

A handwritten signature in cursive script that reads 'Jon Sheldon'.

Jon Sheldon
Chief Operating Officer

RECEIVED
Office Of Oil and Gas
JAN 05 2026
WV Department of
Environmental Protection

6031 Wallace Road Ext, Suite 300
Wexford, PA 15090
P: 724-940-1100
F: 800-428-0981
www.arsenalresources.com

02/06/2026

4209101394

**Horizontal Natural Gas Well Work Permit
Application Notice By Publication**

Notice is hereby given:

Pursuant to West Virginia Code 22-6A-10(e) prior to filing an application for a permit for a horizontal well the applicant shall publish in the county in which the well is located or is proposed to be located a Class II legal advertisement.

Paper: The Mountain Statesman

Public Notice Date: 6-18-2025 and 6-25-2025

The following applicant intends to apply for a horizontal natural well work permit which disturbs three acres or more of surface excluding pipelines, gathering lines and roads or utilizes more than two hundred ten thousand gallons of water in any thirty day period.

Applicant: Arsenal Resources **Well Number:** Homer 201, 202, 203, 204, 205, 206

Address: 6031 Wallace Road Extension, Suite 200
Wexford, PA 15090

Business Conducted: Natural gas production.

Location –

State:	<u>West Virginia</u>	County:	<u>Taylor</u>
District:	<u>Flemington</u>	Quadrangle:	<u>Rosemont</u>
UTM Coordinate NAD83 Northing:	<u>4345414.79, 4345418.05, 4345427.83, 4345431.09, 4345421.31, 4345424.57</u>		
UTM coordinate NAD83 Easting:	<u>575027.81, 575031.02, 575040.63, 575043.83, 575034.22, 575037.42</u>		
Watershed:	<u>Simpson Creek</u>		

Coordinate Conversion:

To convert the coordinates above into longitude and latitude, visit: http://tagis.dep.wv.gov/convert/llutm_conus.php

Electronic notification:

To receive an email when applications have been received or issued by the Office of Oil and Gas, visit <http://www.dep.wv.gov/insidedep/Pages/DEPMailingLists.aspx> to sign up.

RECEIVED
Office Of Oil and Gas

JAN 05 2026

Reviewing Applications:

Copies of the proposed permit application may be reviewed at the WV Department of Environmental Protection headquarters, located at 601 57th Street, SE Charleston, WV 25304 (304-926-0450). Full copies or scans of the proposed permit application will cost \$15, whether mailed or obtained at DEP headquarters. Copies may be requested by calling the office or by sending an email to DEP.comments@wv.gov.

WV Department of
Environmental Protection

Submitting Comments:

Comments may be submitted online at <https://apps.dep.wv.gov/oog/comments/comments.cfm>, or by letter to Permit Review, Office of Oil and Gas, 601 57th Street, SE Charleston, WV 25304. Please reference the county, well number, and operator when using this option.

Regardless of format for comment submissions, they must be received no later than thirty days after the permit application is received by the Office of Oil and Gas.

For information related to horizontal drilling visit: www.dep.wv.gov/oil-and-gas/pages/default.aspx

02/06/2026

**STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
NOTICE CERTIFICATION**

Date of Notice Certification: 12/30/2025

API No. 47- 091 -

Operator's Well No. Homer 202

Well Pad Name: Fiber II

Notice has been given:

Pursuant to the provisions in West Virginia Code § 22-6A, the Operator has provided the required parties with the Notice Forms listed below for the tract of land as follows:

State:	<u>West Virginia</u>	UTM NAD 83	Easting:	<u>574,978.6</u>
County:	<u>Taylor</u>		Northing:	<u>4,345,396.9</u>
District:	<u>Flemington</u>	Public Road Access:		<u>WV 76</u>
Quadrangle:	<u>Rosemont</u>	Generally used farm name:		<u>Fiber</u>
Watershed:	<u>Simpson Creek</u>			

Pursuant to West Virginia Code § 22-6A-7(b), every permit application filed under this section shall be on a form as may be prescribed by the secretary, shall be verified and shall contain the following information: (14) A certification from the operator that (i) it has provided the owners of the surface described in subdivisions (1), (2) and (4), subsection (b), section ten of this article, the information required by subsections (b) and (c), section sixteen of this article; (ii) that the requirement was deemed satisfied as a result of giving the surface owner notice of entry to survey pursuant to subsection (a), section ten of this article six-a; or (iii) the notice requirements of subsection (b), section sixteen of this article were waived in writing by the surface owner; and Pursuant to West Virginia Code § 22-6A-11(b), the applicant shall tender proof of and certify to the secretary that the notice requirements of section ten of this article have been completed by the applicant.

Pursuant to West Virginia Code § 22-6A, the Operator has attached proof to this Notice Certification that the Operator has properly served the required parties with the following: *PLEASE CHECK ALL THAT APPLY <input type="checkbox"/> 1. NOTICE OF SEISMIC ACTIVITY or <input checked="" type="checkbox"/> NOTICE NOT REQUIRED BECAUSE NO SEISMIC ACTIVITY WAS CONDUCTED <input checked="" type="checkbox"/> 2. NOTICE OF ENTRY FOR PLAT SURVEY or <input type="checkbox"/> NO PLAT SURVEY WAS CONDUCTED <input type="checkbox"/> 3. NOTICE OF INTENT TO DRILL or <input checked="" type="checkbox"/> NOTICE NOT REQUIRED BECAUSE NOTICE OF ENTRY FOR PLAT SURVEY WAS CONDUCTED or <input type="checkbox"/> WRITTEN WAIVER BY SURFACE OWNER (PLEASE ATTACH) <input checked="" type="checkbox"/> 4. NOTICE OF PLANNED OPERATION <input checked="" type="checkbox"/> 5. PUBLIC NOTICE <input checked="" type="checkbox"/> 6. NOTICE OF APPLICATION		OOG OFFICE USE ONLY <input type="checkbox"/> RECEIVED/ NOT REQUIRED <input type="checkbox"/> RECEIVED <input type="checkbox"/> RECEIVED/ NOT REQUIRED <input type="checkbox"/> RECEIVED <input type="checkbox"/> RECEIVED <input type="checkbox"/> RECEIVED
RECEIVED Office Of Oil and Gas JAN 05 2026 WV Department of Environmental Protection		

Required Attachments:

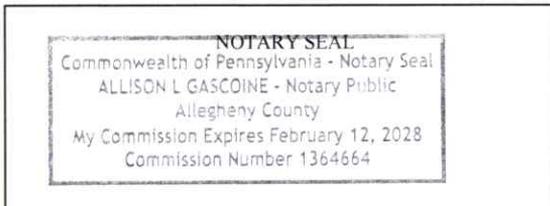
The Operator shall attach to this Notice Certification Form all Notice Forms and Certifications of Notice that have been provided to the required parties and/or any associated written waivers. For the Public Notice, the operator shall attach a copy of the Class II Legal Advertisement with publication date verification or the associated Affidavit of Publication. The attached Notice Forms and Certifications of Notice shall serve as proof that the required parties have been noticed as required under West Virginia Code § 22-6A. Pursuant to West Virginia Code § 22-6A-11(b), the Certification of Notice to the person may be made by affidavit of personal service, the return receipt card or other postal receipt for certified mailing.

02/06/2026

Certification of Notice is hereby given:

THEREFORE, I Emily Glick, have read and understand the notice requirements within West Virginia Code § 22-6A. I certify that as required under West Virginia Code § 22-6A, I have served the attached copies of the Notice Forms, identified above, to the required parties through personal service, by registered mail or by any method of delivery that requires a receipt or signature confirmation. I certify under penalty of law that I have personally examined and am familiar with the information submitted in this Notice Certification and all attachments, 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 and imprisonment.

Well Operator:	<u>Arsenal Resources</u>	<u>Emily Glick</u>	Address:	<u>6031 Wallace Road Ext Suite 200</u>
By:	<u>Emily Glick</u>			<u>Wexford, PA 15090</u>
Its:	<u>Geologist & Permitting Specialist</u>		Facsimile:	<u>800-428-0981</u>
Telephone:	<u>724-940-1100</u>		Email:	<u>eglick@arsenalresources.com</u>



Subscribed and sworn before me this 30 day of 12, 2025.

Allison L Gascoine Notary Public

My Commission Expires Feb 12 2028

Oil and Gas Privacy Notice:

The Office of Oil and Gas processes your personal information, such as name, address and telephone number, as 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 or your personal information, please contact DEP's Chief Privacy Officer at depprivacyofficer@wv.gov.

RECEIVED
Office Of Oil and Gas
JAN 05 2026
WV Department of
Environmental Protection

**STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
NOTICE OF APPLICATION**

Notice Time Requirement: notice shall be provided no later than the **filing date of permit application.**

Date of Notice: 12/30/2025 **Date Permit Application Filed:** 12/30/2025

Notice of:

- PERMIT FOR ANY WELL WORK
- CERTIFICATE OF APPROVAL FOR THE CONSTRUCTION OF AN IMPOUNDMENT OR PIT

Delivery method pursuant to West Virginia Code § 22-6A-10(b)

- PERSONAL SERVICE
- REGISTERED MAIL
- METHOD OF DELIVERY THAT REQUIRES A RECEIPT OR SIGNATURE CONFIRMATION

Pursuant to W. Va. Code § 22-6A-10(b) no later than the filing date of the application, the applicant for a permit for any well work or for a certificate of approval for the construction of an impoundment or pit as required by this article shall deliver, by personal service or by registered mail or by any method of delivery that requires a receipt or signature confirmation, copies of the application, the erosion and sediment control plan required by section seven of this article, and the well plat to each of the following persons: (1) The owners of record of the surface of the tract on which the well is or is proposed to be located; (2) The owners of record of the surface tract or tracts overlying the oil and gas leasehold being developed by the proposed well work, if the surface tract is to be used for roads or other land disturbance as described in the erosion and sediment control plan submitted pursuant to subsection (c), section seven of this article; (3) The coal owner, operator or lessee, in the event the tract of land on which the well proposed to be drilled is located [sic] is known to be underlain by one or more coal seams; (4) The owners of record of the surface tract or tracts overlying the oil and gas leasehold being developed by the proposed well work, if the surface tract is to be used for the placement, construction, enlargement, alteration, repair, removal or abandonment of any impoundment or pit as described in section nine of this article; (5) Any surface owner or water purveyor who is known to the applicant to have a water well, spring or water supply source located within one thousand five hundred feet of the center of the well pad which is used to provide water for consumption by humans or domestic animals; and (6) The operator of any natural gas storage field within which the proposed well work activity is to take place. (c)(1) If more than three tenants in common or other co-owners of interests described in subsection (b) of this section hold interests in the lands, the applicant may serve the documents required upon the person described in the records of the sheriff required to be maintained pursuant to section eight, article one, chapter eleven-a of this code. (2) Notwithstanding any provision of this article to the contrary, notice to a lien holder is not notice to a landowner, unless the lien holder is the landowner. W. Va. Code R. § 35-8-5.7.a requires, in part, that the operator shall also provide the Well Site Safety Plan ("WSSP") to the surface owner and any water purveyor or surface owner subject to notice and water testing as provided in section 15 of this rule.

Application Notice WSSP Notice E&S Plan Notice Well Plat Notice is hereby provided to:

SURFACE OWNER(s)

Name: Atlas Shrugging LLC
 Address: 205 Center Oak Drive
Cranberry Twp, PA 16066
 Name: _____
 Address: _____

SURFACE OWNER(s) (Road and/or Other Disturbance)

Name: Atlas Shrugging LLC
 Address: 205 Center Oak Drive
Cranberry Twp, PA 16066
 Name: _____
 Address: _____

SURFACE OWNER(s) (Impoundments or Pits)

Name: _____
 Address: _____

COAL OWNER OR LESSEE

Name: See attached
 Address: _____

COAL OPERATOR

Name: _____
 Address: _____

SURFACE OWNER OF WATER WELL AND/OR WATER PURVEYOR(s)

Name: See attached
 Address: _____

OPERATOR OF ANY NATURAL GAS STORAGE FIELD

Name: _____
 Address: _____

*Please attach additional forms if necessary

RECEIVED
Office Of Oil and Gas

JAN 05 2026

WV Department of Environmental Protection

Notice is hereby given:

Pursuant to West Virginia Code § 22-6A-10(b), notice is hereby given that the undersigned well operator has applied for a permit for well work or for a certificate of approval for the construction of an impoundment or pit.

This Notice Shall Include:

Pursuant to W. Va. Code § 22-6A-10(b), this notice shall include: (1) copies of the application; (2) the erosion and sediment control plan required by section seven of this article; and (3) the well plat.

Pursuant to W. Va. Code § 22-6A-10(f), this notice shall include: (1) a statement of the time limits for filing written comments; (2) who may file written comments; (3) the name and address of the secretary for the purpose of filing the comments and obtaining additional information; and (4) a statement that the persons may request, at the time of submitting written comments, notice of the permit decision and a list of persons qualified to test water.

Pursuant to W. Va. Code R. § 35-8-5.7.a, the operator shall provide the Well Site Safety Plan to the surface owner and any water purveyor or surface owner subject to notice and water testing as provided in section 15 of this rule.

Pursuant to W. Va. Code R. § 35-8-15.2.c, this notice shall: (1) contain a statement of the surface owner's and water purveyor's right to request sampling and analysis; (2) advise the surface owner and water purveyor of the rebuttable presumption for contamination or deprivation of a fresh water source or supply; advise the surface owner and water purveyor that refusal to allow the operator to conduct a pre-drilling water well test constitutes a method to rebut the presumption of liability; (3) advise the surface owner and water purveyor of his or her independent right to sample and analyze any water supply at his or her own expense; advise the surface owner and water purveyor whether or not the operator will utilize an independent laboratory to analyze any sample; and (4) advise the surface owner and or water purveyor that he or she can obtain from the Chief a list of water testing laboratories in the subject area capable of and qualified to test water supplies in accordance with standard acceptable methods.

Additional information related to horizontal drilling may be obtained from the Secretary, at the WV Department of Environment and Natural Resources headquarters, located at 601 57th Street, SE, Charleston, WV 25304 (304-926-0450) or by visiting www.dep.wv.gov/oil-and-gas/pages/default.aspx.

RECEIVED
Office of Oil and Gas
JAN 05 2026
WV Department of
Environment and Natural Resources

Well Location Restrictions

Pursuant to W. Va. Code § 22-6A-12, Wells may not be drilled within two hundred fifty feet measured horizontally from any existing water well or developed spring used for human or domestic animal consumption. The center of well pads may not be located within six hundred twenty-five feet of an occupied dwelling structure, or a building two thousand five hundred square feet or larger used to house or shelter dairy cattle or poultry husbandry. This limitation is applicable to those wells, developed springs, dwellings or agricultural buildings that existed on the date a notice to the surface owner of planned entry for surveying or staking as provided in section ten of this article or a notice of intent to drill a horizontal well as provided in subsection (b), section sixteen of this article was provided, whichever occurs first, and to any dwelling under construction prior to that date. This limitation may be waived by written consent of the surface owner transmitted to the department and recorded in the real property records maintained by the clerk of the county commission for the county in which such property is located. Furthermore, the well operator may be granted a variance by the secretary from these distance restrictions upon submission of a plan which identifies the sufficient measures, facilities or practices to be employed during well site construction, drilling and operations. The variance, if granted, shall include terms and conditions the department requires to ensure the safety and protection of affected persons and property. The terms and conditions may include insurance, bonding and indemnification, as well as technical requirements. (b) No well pad may be prepared or well drilled within one hundred feet measured horizontally from any perennial stream, natural or artificial lake, pond or reservoir, or a wetland, or within three hundred feet of a naturally reproducing trout stream. No well pad may be located within one thousand feet of a surface or ground water intake of a public water supply. The distance from the public water supply as identified by the department shall be measured as follows: (1) For a surface water intake on a lake or reservoir, the distance shall be measured from the boundary of the lake or reservoir. (2) For a surface water intake on a flowing stream, the distance shall be measured from a semicircular radius extending upstream of the surface water intake. (3) For a groundwater source, the distance shall be measured from the wellhead or spring. The department may, in its discretion, waive these distance restrictions upon submission of a plan identifying sufficient measures, facilities or practices to be employed during well site construction, drilling and operations to protect the waters of the state. A waiver, if granted, shall impose any permit conditions as the secretary considers necessary. (c) Notwithstanding the foregoing provisions of this section, nothing contained in this section prevents an operator from conducting the activities permitted or authorized by a Clean Water Act Section 404 permit or other approval from the United States Army Corps of Engineers within any waters of the state or within the restricted areas referenced in this section. (d) The well location restrictions set forth in this section shall not apply to any well on a multiple well pad if at least one of the wells was permitted prior to the effective date of this article. (e) The secretary shall, by December 31, 2012, report to the Legislature on the noise, light, dust and volatile organic compounds generated by the drilling of horizontal wells as they relate to the well location restrictions regarding occupied dwelling structures pursuant to this section. Upon a finding, if any, by the secretary that the well location restrictions regarding occupied dwelling structures are inadequate or otherwise require alteration to address the items

examined in the study required by this subsection, the secretary shall have the authority to propose for promulgation legislative rules establishing guidelines and procedures regarding reasonable levels of noise, light, dust and volatile organic compounds relating to drilling horizontal wells, including reasonable means of mitigating such factors, if necessary.

Water Well Testing:

Pursuant to West Virginia Code § 22-6A-10(d), notification shall be made, with respect to surface landowners identified in subsection (b) or water purveyors identified in subdivision (5), subsection (b) of this section, of the opportunity for testing their water well. The operator shall provide an analysis to such surface landowner or water purveyor at their request.

Water Testing Laboratories:

Pursuant to West Virginia Code § 22-6A-10(i), persons entitled to notice pursuant to subsection (b) of this section may contact the department to ascertain the names and locations of water testing laboratories in the subject area capable and qualified to test water supplies in accordance with standard accepted methods. In compiling that list of names the department shall consult with the state Bureau for Public Health and local health departments. A surface owner and water purveyor has an independent right to sample and analyze any water supply at his or her own expense. The laboratory utilized by the operator shall be approved by the agency as being certified and capable of performing sample analyses in accordance with this section.

Rebuttable Presumption for Contamination or Deprivation of a Fresh Water Source or Supply:

W. Va. Code § 22-6A-18 requires that (b) unless rebutted by one of the defenses established in subsection (c) of this section, in any action for contamination or deprivation of a fresh water source or supply within one thousand five hundred feet of the center of the well pad for horizontal well, there is a rebuttable presumption that the drilling and the oil or gas well or either was the proximate cause of the contamination or deprivation of the fresh water source or supply. (c) In order to rebut the presumption of liability established in subsection (b) of this section, the operator must prove by a preponderance of the evidence one of the following defenses: (1) The pollution existed prior to the drilling or alteration activity as determined by a predrilling or prealteration water well test. (2) The landowner or water purveyor refused to allow the operator access to the property to conduct a predrilling or prealteration water well test. (3) The water supply is not within one thousand five hundred feet of the well. (4) The pollution occurred more than six months after completion of drilling or alteration activities. (5) The pollution occurred as the result of some cause other than the drilling or alteration activity. (d) Any operator electing to preserve its defenses under subdivision (1), subsection (c) of this section shall retain the services of an independent certified laboratory to conduct the predrilling or prealteration water well test. A copy of the results of the test shall be submitted to the department and the surface owner or water purveyor in a manner prescribed by the secretary. (e) Any operator shall replace the water supply of an owner of interest in real property who obtains all or part of that owner's supply of water for domestic, agricultural, industrial or other legitimate use from an underground or surface source with a comparable water supply where the secretary determines that the water supply has been affected by contamination, diminution or interruption proximately caused by the oil or gas operation, unless waived in writing by that owner. (f) The secretary may order the operator conducting the oil or gas operation to: (1) Provide an emergency drinking water supply within twenty-four hours; (2) Provide temporary water supply within seventy-two hours; (3) Within thirty days begin activities to establish a permanent water supply or submit a proposal to the secretary outlining the measures and timetables to be used in establishing a permanent supply. The total time in providing a permanent water supply may not exceed two years. If the operator demonstrates that providing a permanent replacement water supply cannot be completed within two years, the secretary may extend the time frame on case-by-case basis; and (4) Pay all reasonable costs incurred by the real property owner in securing a water supply. (g) A person as described in subsection (b) of this section aggrieved under the provisions of subsections (b), (e) or (f) of this section may seek relief in court... (i) Notwithstanding the denial of the operator of responsibility for the damage to the real property owner's water supply or the status of any appeal on determination of liability for the damage to the real property owner's water supply, the operator may not discontinue providing the required water service until authorized to do so by the secretary or a court of competent jurisdiction.

Written Comment:

Pursuant to West Virginia Code § 22-6A-11(a), all persons described in subsection (b), section ten of this article may file written comments with the secretary as to the location or construction of the applicant's proposed well work within thirty days after the application is filed with the secretary. All persons described in West Virginia Code § 22-6A-10(b) may file written comments as to the location or construction of the applicant's proposed well work to the Secretary at:

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
JAN 05 2026
WV Department of
Environmental Protection

Such persons may request, at the time of submitting written comments, notice of the permit decision and a list of persons qualified to test water. **NOTE: YOU ARE NOT REQUIRED TO FILE ANY COMMENT.**

Time Limits and Methods for Filing Comments.

The law requires these materials to be served on or before the date the operator files its Application. You have **THIRTY (30) 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.

Pursuant to West Virginia Code § 22-6A-11(c)(2), Any objections of the affected coal operators and coal seam owners and lessees shall be addressed through the processes and procedures that exist under sections fifteen, seventeen and forty, article six of this chapter, as applicable and as incorporated into this article by section five of this article. The written comments filed by the parties entitled to notice under subdivisions (1), (2), (4), (5) and (6), subsection (b), section ten of this article shall be considered by the secretary in the permit issuance process, but the parties are not entitled to participate in the processes and proceedings that exist under sections fifteen, seventeen or forty, article six of this chapter, as applicable and as incorporated into this article by section five of this article.

Comment Requirements

Your comments must be in writing and 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.

Disclaimer: All comments received will be placed on our web site <http://www.dep.wv.gov/oil-and-gas/Horizontal-Permits/Pages/default.aspx> and the applicant will automatically be forwarded an email notice that such comments have been submitted. The applicant will be expected to provide a response to comments submitted by any surface owner, water purveyor or natural gas storage operator noticed within the application.

Permit Denial or Condition

The Chief has the power to deny or condition a well work permit. Pursuant to West Virginia Code § 22-6A-8(d), the permit may not be issued or be conditioned, including conditions with respect to the location of the well and access roads prior to issuance if the director determines that:

- (1) The proposed well work will constitute a hazard to the safety of persons;
- (2) The plan for soil erosion and sediment control is not adequate or effective;
- (3) Damage would occur to publicly owned lands or resources; or
- (4) The proposed well work fails to protect fresh water sources or supplies.

A permit may also be denied under West Virginia Code § 22-6A-7(k), the secretary shall deny the issuance of a permit if the secretary determines that the applicant has committed a substantial violation of a previously issued permit for a horizontal well, including the applicable erosion and sediment control plan associated with the previously issued permit, or a substantial violation of one or more of the rules promulgated under this article, and in each instance has failed to abate or seek review of the violation within the time prescribed by the secretary pursuant to the provisions of subdivisions (1) and (2), subsection (a), section five of this article and the rules promulgated hereunder, which time may not be unreasonable.

Pursuant to West Virginia Code § 22-6A-10(g), any person entitled to submit written comments to the secretary pursuant to subsection (a), section eleven of this article, shall also be entitled to receive from the secretary a copy of the permit as issued or a copy of the order modifying or denying the permit if the person requests receipt of them as a part of the written comments submitted concerning the permit application. Such persons may request, at the time of submitting written comments, notice of the permit decision ~~to persons~~ of persons qualified to test water.

Office Of Oil and Gas

JAN 05 2026

WV Department of
Environmental Protection

02/06/2026

WW-6A
(8-13)

4709101394
API NO. 47-091
OPERATOR WELL NO. Homer 202
Well Pad Name: Fiber II

Notice is hereby given by:

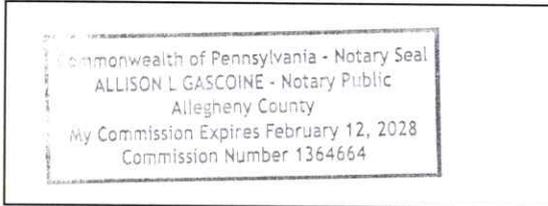
Well Operator: Arsenal Resources
Telephone: 724-940-1100
Email: eglick@arsenalresources.com



Address: 6031 Wallace Road Ext, Suite 200
Wexford, PA 15090
Facsimile: 800-428-0981

Oil and Gas Privacy Notice:

The Office of Oil and Gas processes your personal information, such as name, address and telephone number, as 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 or your personal information, please contact DEP's Chief Privacy Officer at depprivacyofficer@wv.gov.



Subscribed and sworn before me this 30 day of 12, 2025.
Allison L Gascoine Notary Public
My Commission Expires Feb 12 2028

RECEIVED
Office Of Oil and Gas
JAN 05 2026
WV Department of
Environmental Protection

02/06/2026

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
NOTICE OF ENTRY FOR PLAT SURVEY

Notice Time Requirement: Notice shall be provided at least **SEVEN (7)** days but no more than **FORTY-FIVE (45)** days prior to entry

Date of Notice: 2/22/2022 **Date of Planned Entry:** 3/1/2022

Delivery method pursuant to West Virginia Code § 22-6A-10a

- PERSONAL SERVICE
- REGISTERED MAIL
- METHOD OF DELIVERY THAT REQUIRES A RECEIPT OR SIGNATURE CONFIRMATION

Pursuant to West Virginia Code § 22-6A-10(a), Prior to filing a permit application, the operator shall provide notice of planned entry on to the surface tract to conduct any plat surveys required pursuant to this article. Such notice shall be provided at least seven days but no more than forty-five days prior to such entry to: (1) The surface owner of such tract; (2) to any owner or lessee of coal seams beneath such tract that has filed a declaration pursuant to section thirty-six, article six, chapter twenty-two of this code; and (3) any owner of minerals underlying such tract in the county tax records. The notice shall include a statement that copies of the state Erosion and Sediment Control Manual and the statutes and rules related to oil and gas exploration and production may be obtained from the Secretary, which statement shall include contact information, including the address for a web page on the Secretary's web site, to enable the surface owner to obtain copies from the secretary.

Notice is hereby provided to:

SURFACE OWNER(s)
 Name: CFS Farms LLC
 Address: PO Box 297
Flemington, WV 26347
 Name: _____
 Address: _____
 Name: _____
 Address: _____

COAL OWNER OR LESSEE
 Name: See Attachment
 Address: _____

MINERAL OWNER(s)
 Name: See Attachment
 Address: _____

*please attach additional forms if necessary

RECEIVED
Office Of Oil and Gas
JAN 05 2026

WV Department of Environmental Protection

Notice is hereby given:

Pursuant to West Virginia Code § 22-6A-10(a), notice is hereby given that the undersigned well operator is planning entry to conduct a plat survey on the tract of land as follows:

State:	<u>West Virginia</u>	Approx. Latitude & Longitude:	<u>39-15'16.50" & -80-07'51.98"</u>
County:	<u>Taylor</u>	Public Road Access:	<u>WV 76</u>
District:	<u>Flemington</u>	Watershed:	<u>Simpson Creek</u>
Quadrangle:	<u>Rosemont</u>	Generally used farm name:	<u>Fiber</u>

Copies of the state Erosion and Sediment Control Manual and the statutes and rules related to oil and gas exploration and production may be obtained from the Secretary, at the WV Department of Environmental Protection headquarters, located at 601 57th Street, SE, Charleston, WV 25304 (304-926-0450). Copies of such documents or additional information related to horizontal drilling may be obtained from the Secretary by visiting www.dep.wv.gov/oil-and-gas/pages/default.aspx.

Notice is hereby given by:

Well Operator:	<u>Arsenal Resources</u>	Address:	<u>6031 Wallace Road Extension, Suite 300</u>
Telephone:	<u>724-584-1192</u>		<u>Wexford, PA 15090</u>
Email:	<u>rschweitzer@arsenalresources.com</u>	Facsimile:	<u>304-848-9134</u>

Oil and Gas Privacy Notice:

The Office of Oil and Gas processes your personal information, such as name, address and telephone number, as 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 or your personal information, please contact DEP's Chief Privacy Officer at depprivacyofficer@wv.gov.

02/06/2026

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
NOTICE OF PLANNED OPERATION

Notice Time Requirement: notice shall be provided no later than the **filing date of permit application.**
Date of Notice: 12/30/2025 **Date Permit Application Filed:** 12/30/2025

Delivery method pursuant to West Virginia Code § 22-6A-16(c)

CERTIFIED MAIL HAND
RETURN RECEIPT REQUESTED DELIVERY

Pursuant to W. Va. Code § 22-6A-16(c), no later than the date for filing the permit application, an operator shall, by certified mail return receipt requested or hand delivery, give the surface owner whose land will be used for the drilling of a horizontal well notice of the planned operation. The notice required by this subsection shall include: (1) A copy of this code section; (2) The information required to be provided by subsection (b), section ten of this article to a surface owner whose land will be used in conjunction with the drilling of a horizontal well; and (3) A proposed surface use and compensation agreement containing an offer of compensation for damages to the surface affected by oil and gas operations to the extent the damages are compensable under article six-b of this chapter. (d) The notices required by this section shall be given to the surface owner at the address listed in the records of the sheriff at the time of notice.

Notice is hereby provided to the SURFACE OWNER(s)

(at the address listed in the records of the sheriff at the time of notice):

Name: Atlas Shrugging LLC
Address: 205 Center Oak Drive
Cranberry Twp, PA 16066

Name: _____
Address: _____

Notice is hereby given:

Pursuant to West Virginia Code § 22-6A-16(c), notice is hereby given that the undersigned well operator has developed a planned operation on the surface owner's land for the purpose of drilling a horizontal well on the tract of land as follows:

State:	<u>West Virginia</u>	UTM NAD 83	Easting:	<u>574,978.6</u>
County:	<u>Taylor</u>		Northing:	<u>4,345,396.9</u>
District:	<u>Flemington</u>	Public Road Access:		<u>WV 76</u>
Quadrangle:	<u>Rosemont</u>	Generally used farm name:		<u>Fiber</u>
Watershed:	<u>Simpson Creek</u>			

This Notice Shall Include:

Pursuant to West Virginia Code § 22-6A-16(c), this notice shall include: (1) A copy of this code section; (2) The information required to be provided by **W. Va. Code § 22-6A-10(b)** to a surface owner whose land will be used in conjunction with the drilling of a horizontal well; and (3) A proposed surface use and compensation agreement containing an offer of compensation for damages to the surface affected by oil and gas operations to the extent the damages are compensable under article six-b of this chapter. Additional information related to horizontal drilling may be obtained from the Secretary, at the WV Department of Environmental Protection headquarters, located at 601 57th Street, SE, Charleston, WV 25304 (304-926-0450) or by visiting www.dep.wv.gov/oil-and-gas/pages/default.aspx.

Well Operator: Arsenal Resources
Telephone: 724-940-1100
Email: eglick@arsenalresources.com

Address: 6031 Wallace Road Ext, Suite 200
Wexford, PA 15090
Facsimile: 800-428-0981

RECEIVED
Office Of Oil and Gas

JAN 05 2026

WV Department of
Environmental Protection

Oil and Gas Privacy Notice:

The Office of Oil and Gas processes your personal information, such as name, address and telephone number, as 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 or your personal information, please contact DEP's Chief Privacy Officer at depprivacyofficer@wv.gov.



4709101394

**WEST VIRGINIA
DEPARTMENT OF TRANSPORTATION**

1900 Kanawha Boulevard East • Building Five • Room 109
Charleston, West Virginia 25305-0440 • (304) 558-0444

Stephen T. Rumbaugh, P.E.
Secretary of Transportation
Commissioner of Highways

Michael J. DeMers
Deputy Secretary of Transportation

May 14, 2025

James A. Martin, Chief
Office of Oil and Gas
Department of Environmental Protection
601 57th Street, SE
Charleston, WV 25304

Subject: DOH Permit for the Fiber II Well Pad, Taylor County
Homer 201 Well Site Homer 202 Well Site Homer 203 Well Site
Homer 204 Well Site Homer 205 Well Site Homer 206 Well Site

Dear Mr. Martin,

This well site will be accessed from a DOH permit #04-2022-0858 which has been issued to Arsenal Resources, LLC for access to the State Road for a well site located off Taylor County Route WV 76 MP 5.78.

This operator is in compliance with §22-6A-20 of the WV Code. Operator has signed a STATEWIDE OIL AND GAS ROAD MAINTENANCE BONDING AGREEMENT and provided the required Bond. This operator is currently in compliance with the DOH OIL AND GAS POLICY dated March 6, 2023. This letter is valid for permitting purposes for one year from the date of this letter.

Very Truly Yours,

Lacy D. Pratt
Central Office O&G Coordinator

Cc: Emily Glick
Arsenal Resources, LLC
OM, D-4
File

RECEIVED
Office Of Oil and Gas
JAN 05 2026
WV Department of
Environmental Protection

101504

FRACTURING ADDITIVES			
	PURPOSE	TRADE NAME	CAS #
Additive #1:	Friction Reducer	WFRA-405	Proprietary
Additive #2:	Scale Inhibitor	SI-1000	7440-21-3
Additive #3:	Biocide	BIOCLEAR 2000	25314-61-8
Additive #4:	Gelling Agent	LGC-15	9000-30-0
Additive #5:	Corrosion Inhibitor	AI-300	111-76-2
Additive #6:	Gel Breaker	AP-One	7727-54-0
Additive #7:	Acid	HCl - 7.5%	7647-01-0

RECEIVED
Office Of Oil and Gas
JAN 05 2026
WV Department of
Environmental Protection

02/06/2026

2026-01-05

OPERATOR: Arsenal Resources

WELL NO: Homer 202

PAD NAME: Fiber II

REVIEWED BY: Emily Glick

SIGNATURE: Emily Glick

WELL RESTRICTIONS CHECKLIST

HORIZONTAL 6A WELL

Well Restrictions

- At Least 100 Feet from Pad and LOD (including any E&S Control Feature) to any Perennial Stream, Lake, Pond, Reservoir or Wetland; OR
 DEP Waiver and Permit Conditions
- At Least 300 Feet from Pad and LOD (including any E&S Control Feature) to any Naturally Producing Trout Stream; OR
 DEP Waiver and Permit Conditions
- At Least 1000 Feet from Pad and LOD (including any E&S Control Feature) to any Groundwater Intake or Public Water Supply; OR
 DEP Waiver and Permit Conditions
- At Least 250 Feet from an Existing Water Well or Developed Spring to Well Being Drilled; OR
 Surface Owner Waiver and Recorded with County Clerk, OR
 DEP Variance and Permit Conditions
- At Least 625 Feet from an Occupied Dwelling Structure to Center of the Pad; OR
 Surface Owner Waiver and Recorded with County Clerk, OR
 DEP Variance and Permit Conditions
- At Least 625 Feet from Agricultural Buildings Larger than 2500 Square Feet to the Center of the Pad; OR
 Surface Owner Waiver and Recorded with County Clerk, OR
 DEP Variance and Permit Conditions

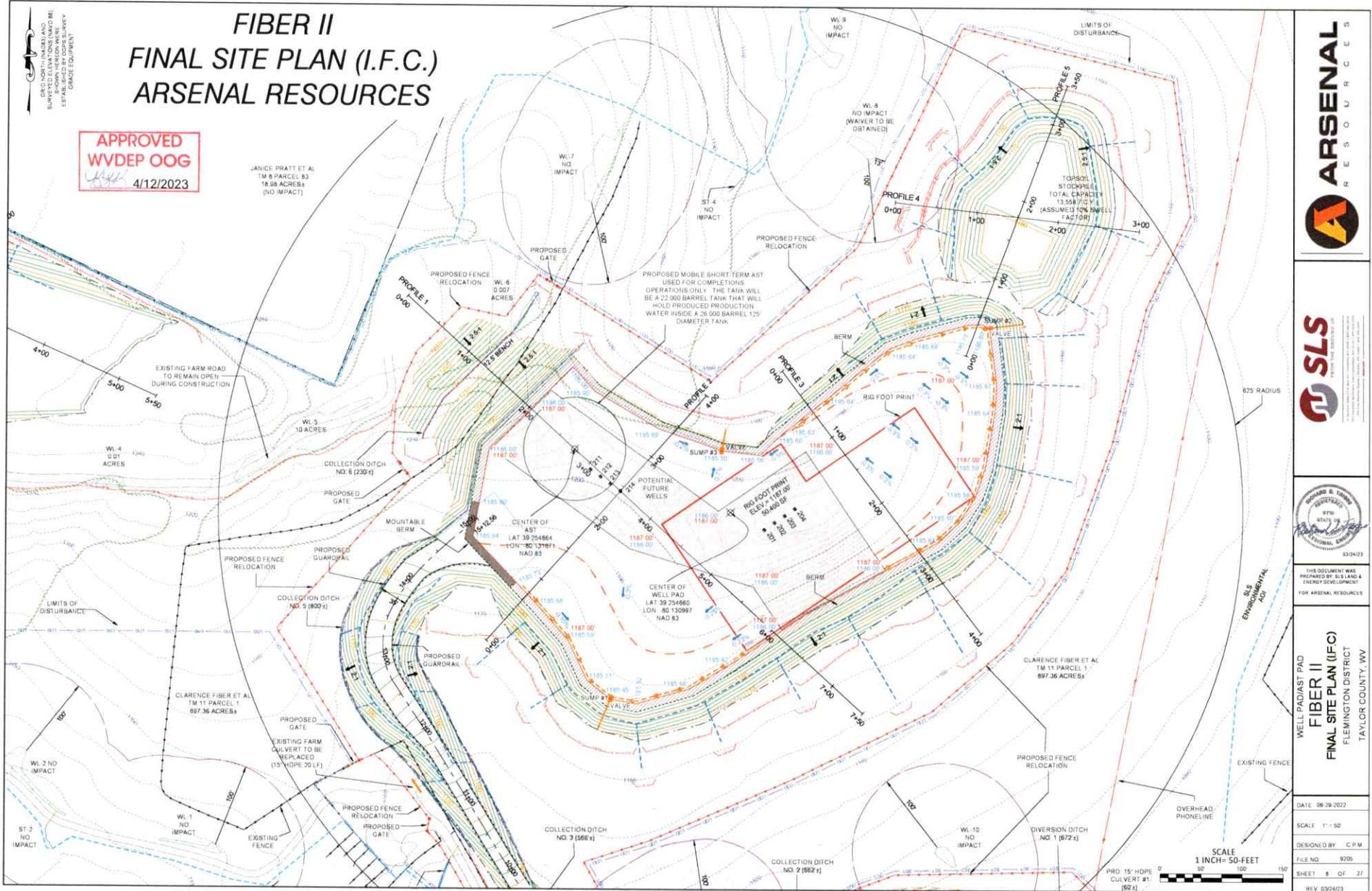
RECEIVED
Office Of Oil and Gas
JAN 05 2026
WV Department of
Environmental Protection

FIBER II FINAL SITE PLAN (I.F.C.) ARSENAL RESOURCES

**APPROVED
WVDEP OOG**
4/12/2023

JANICE PRATT ET AL
TM 6 PARCEL 93
18.88 ACRES±
(NO IMPACT)

CLARENCE FIBER ET AL
TM 11 PARCEL 1
897.36 ACRES±



THIS DOCUMENT WAS
PREPARED BY SLS AND
ENERGY DEVELOPMENT
FOR ARSENAL RESOURCES

WELL PAD/AST PAD
FIBER II
FINAL SITE PLAN (I.F.C.)
FLEMING DISTRICT
TAYLOR COUNTY, WV

DATE: 08-29-2022

SCALE: 1" = 50'

DESIGNED BY: C.P.M.

FILE NO.: 9205

SHEET 8 OF 21

RIV: 032423



PRO. 15' HOPE
CULVERT #1
(62±)

BOND RIDER NO. 1

Attaching to and forming part of Blanket Bond, Bond No. RLB0014498, executed May 29, 2012 on behalf of Mountaineer Keystone, LLC as Principal, in favor of the State of West Virginia as Obligee, issued by RLI Insurance Company as Surety, in the amount of Two Hundred Fifty Thousand and No/100 Dollars (\$250,000.00).

It is understood and agreed that effective March 15, 2017, Principal's name and address is amended to read as follows:

**Arsenal Resources LLC
6031 Wallace Road Ext., Suite 300
Wexford, PA 15090**

It is also understood and agreed that effective June 1, 2016, Surety's address is amended to read as follows:

**2925 Richmond Avenue, Suite 1600
Houston, TX 77098**

All other conditions and terms to remain as originally written or previously amended by rider.

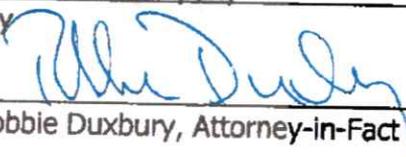
Signed, sealed and dated this 15th day of March, 2017.

Arsenal Resources LLC
Principal

By: 

RECEIVED
Office Of Oil and Gas
JAN 05 2026

RLI Insurance Company
Surety

By: 
Robbie Duxbury, Attorney-in-Fact

WV Department of
Environmental Protection



RLI Insurance Company
 P.O. Box 3967
 Peoria, IL 61612-3967
 Phone: (309) 692-1000 Fax: (309) 683-1610

POWER OF ATTORNEY
RLI Insurance Company

RLB0014498

Know All Men by These Presents:

That the RLI Insurance Company, a corporation organized and existing under the laws of the State of Illinois, and authorized and licensed to do business in all states and the District of Columbia does hereby make, constitute and appoint:

Robbie Duxbury

in the City of Houston, State of Texas, as Attorney in Fact, with full power and authority hereby conferred upon him/her to sign, execute, acknowledge and deliver for and on their behalf as Surety and as their act and deed, all of the following clauses of documents to-wit:

\$250,000.00

Indemnity, Surety and Undertakings that may be desired by contract, or may be given in any action or proceeding in any court of law or equity; policies indemnifying employers against loss or damage caused by the misconduct of their employees; official, bail and surety and fidelity bonds. Indemnify in all cases where indemnity may be lawfully given; and with full power and authority to execute consents and waivers to modify or change or extend any bond or document executed for this Company, and to compromise and settle any and all claims or demands made or existing against said Company.

RLI Insurance Company further certifies that the following is a true and exact copy of a Resolution adopted by the Board of Directors of RLI Insurance Company, and now in force to-wit:

"All bonds, policies, undertakings, Powers of Attorney or other obligations of the corporation shall be executed in the corporate name of the Company by the President, Secretary, any Assistant Secretary, Treasurer, or any Vice President, or by such other officers as the Board of Directors may authorize. The President, any Vice President, Secretary, any Assistant Secretary, or the Treasurer may appoint Attorneys in Fact or Agents who shall have authority to issue bonds, policies or undertakings in the name of the Company. The corporate seal is not necessary for the validity of any bonds, policies, undertakings, Powers of Attorney or other obligations of the corporation. The signature of any such officer and the corporate seal may be printed by facsimile."

IN WITNESS WHEREOF, RLI Insurance Company has caused these presents to be signed by its Vice President with its corporate seals affixed this 15th day of March, 2017.

RECEIVED
 Office of Oil and Gas
 JAN 05 2016
 WV Department of
 Environmental Protection

ATTEST:

Cherie L. Montgomery
 Cherie L. Montgomery Assistant Secretary



RLI Insurance Company

By: B.W. Davis
 Barton W. Davis Vice President

State of Illinois }
 County of Peoria } SS

On this 15th day of March, 2017 before me, a Notary Public, personally appeared Barton W. Davis and Cherie L. Montgomery who being by me duly sworn, acknowledged that they signed the above Power of Attorney as Vice President and Assistant Secretary, respectively, of said RLI Insurance Company and acknowledged said instrument to be the voluntary act and deed of said corporation.

Jacqueline M. Bockler
 Jacqueline M. Bockler Notary Public



02/06/2026

State of West Virginia



Certificate

I, Mac Warner, Secretary of State of the State of West Virginia, hereby certify that

an original or certified copy of an original of the Articles of Amendment to the Articles of Organization of

Arsenal Resources LLC

is filed in my office, signed and verified, as required by the provisions of West Virginia Code §31B-2-204 and conforms to law.

Therefore, I issue this

CERTIFICATE OF AMENDMENT TO THE ARTICLES OF ORGANIZATION

RECEIVED Office Of Oil and Gas

JAN 05 2017

WV Department of Environmental Protection

Given under my hand and the Great Seal of the State of West Virginia on this day of March 1, 2017

Mac Warner

Secretary of State



4707 2304

CERTIFICATE OF *Authorization*

STATE BOARD OF REGISTRATION FOR PROFESSIONAL ENGINEERS

*The West Virginia State Board of Registration for Professional Engineers
having verified the person in responsible charge is registered in
West Virginia as a professional engineer for the noted firm, hereby certifies*

**SMITH LAND SURVEYING, INC. DBA SLS LAND & ENERGY
DEVELOPMENT**

C04162-00

*Engineer in Responsible Charge: RICHARD S. TRIGGS - WV PE 009715
has complied with section §30-13-17 of the West Virginia Code governing
the issuance of a Certificate of Authorization. The Board hereby notifies you of its
certification with issuance of this Certification of Authorization for the period of:*

January 1, 2024 - December 31, 2025

providing for the practice of engineering services in the State of West Virginia.

IF YOU ARE REQUIRED TO REGISTER WITH THE SECRETARY OF STATE'S OFFICE,
PLEASE SUBMIT THIS CERTIFICATE WITH YOUR APPLICATION.



IN TESTIMONY WHEREOF, THE WEST VIRGINIA STATE BOARD OF
REGISTRATION FOR PROFESSIONAL ENGINEERS HAS ISSUED THIS COA
UNDER ITS SEAL AND SIGNED BY THE PRESIDENT OF SAID BOARD.

Scott E. Thomas Jr

BOARD PRESIDENT

02/06/2026



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)
7/15/2024

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER IMA, Inc - Pittsburgh 316 First Avenue 3rd Floor Kittanning PA 16201		CONTACT NAME: Holly Ardeno PHONE (A/C, No, Ext): 724-803-5848 FAX (A/C, No): 724-548-1371 E-MAIL ADDRESS: holly.ardeno@imacorp.com	
INSURED Arsenal Resources Development Holdings 1, LLC 6031 Wallace Road Ext Ste 101 Wexford PA 15090-3430		INSURER(S) AFFORDING COVERAGE INSURER A: The Cincinnati Insurance Company NAIC # 10677 INSURER B: Rockwood Casualty Insurance Company 35505 INSURER C: Lloyd's 15792 INSURER D: INSURER E: INSURER F:	

COVERAGES **CERTIFICATE NUMBER:** 1503658879 **REVISION NUMBER:**

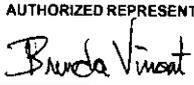
THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR: WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
C	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR <input checked="" type="checkbox"/> S&A Pollution GEN'L AGGREGATE LIMIT APPLIES PER: <input checked="" type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC OTHER:	Y	Y	USGL1513207	7/15/2024	7/15/2025	EACH OCCURRENCE \$ 1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 50,000 MED EXP (Any one person) \$ 5,000 PERSONAL & ADV INJURY \$ 1,000,000 GENERAL AGGREGATE \$ 2,000,000 PRODUCTS - COMP/OP AGG \$ 2,000,000 \$
A	AUTOMOBILE LIABILITY ANY AUTO <input checked="" type="checkbox"/> OWNED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS <input checked="" type="checkbox"/> HIRED AUTOS ONLY <input checked="" type="checkbox"/> NON-OWNED AUTOS ONLY	Y	Y	EBA0622598	7/15/2024	7/15/2025	COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$ UMBRELLA LIAB OCCUR EXCESS LIAB CLAIMS-MADE EACH OCCURRENCE \$ AGGREGATE \$ \$
B	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	Y	N/A	WC 705004	7/15/2024	7/15/2025	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTH-ER E.L. EACH ACCIDENT \$ 1,000,000 E.L. DISEASE - EA EMPLOYEE \$ 1,000,000 E.L. DISEASE - POLICY LIMIT \$ 1,000,000
A	Automobile Physical Damage			EBA0622598	7/15/2024	7/15/2025	Comprehensive Ded. \$5,000 Collision Deductible \$5,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)
 General Liability Carrier Syndicates: Policy #USGL1513207
 Argenta Syndicate 2121 (28%)
 MS Amlin 2001 (12%)
 AXIS 1686 (6%)
 Westfield 1200 (4%)
 Scottsdale Insurance Co. (50%)

RECEIVED
Office Of Oil and Gas
JAN 05 2026
WV Department of Environmental Protection

Certificate Holder and all other parties required by the contract are included as Additional Insured including Ongoing and Completed Operations on the General See Attached...

CERTIFICATE HOLDER Arsenal Resources LLC 6031 Wallace Road Ext Suite 101 Wexford PA 15090	CANCELLATION SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS. AUTHORIZED REPRESENTATIVE 
--	--

AT 02/03/2026

AGENCY CUSTOMER ID: ARSERES-01

LOC #: _____



ADDITIONAL REMARKS SCHEDULE

Page 1 of 1

AGENCY IMA, Inc - Pittsburgh		NAMED INSURED Arsenal Resources Development Holdings 1, LLC 6031 Wallace Road Ext Ste 101 Wexford PA 15090-3430	
POLICY NUMBER		EFFECTIVE DATE:	
CARRIER	NAIC CODE		

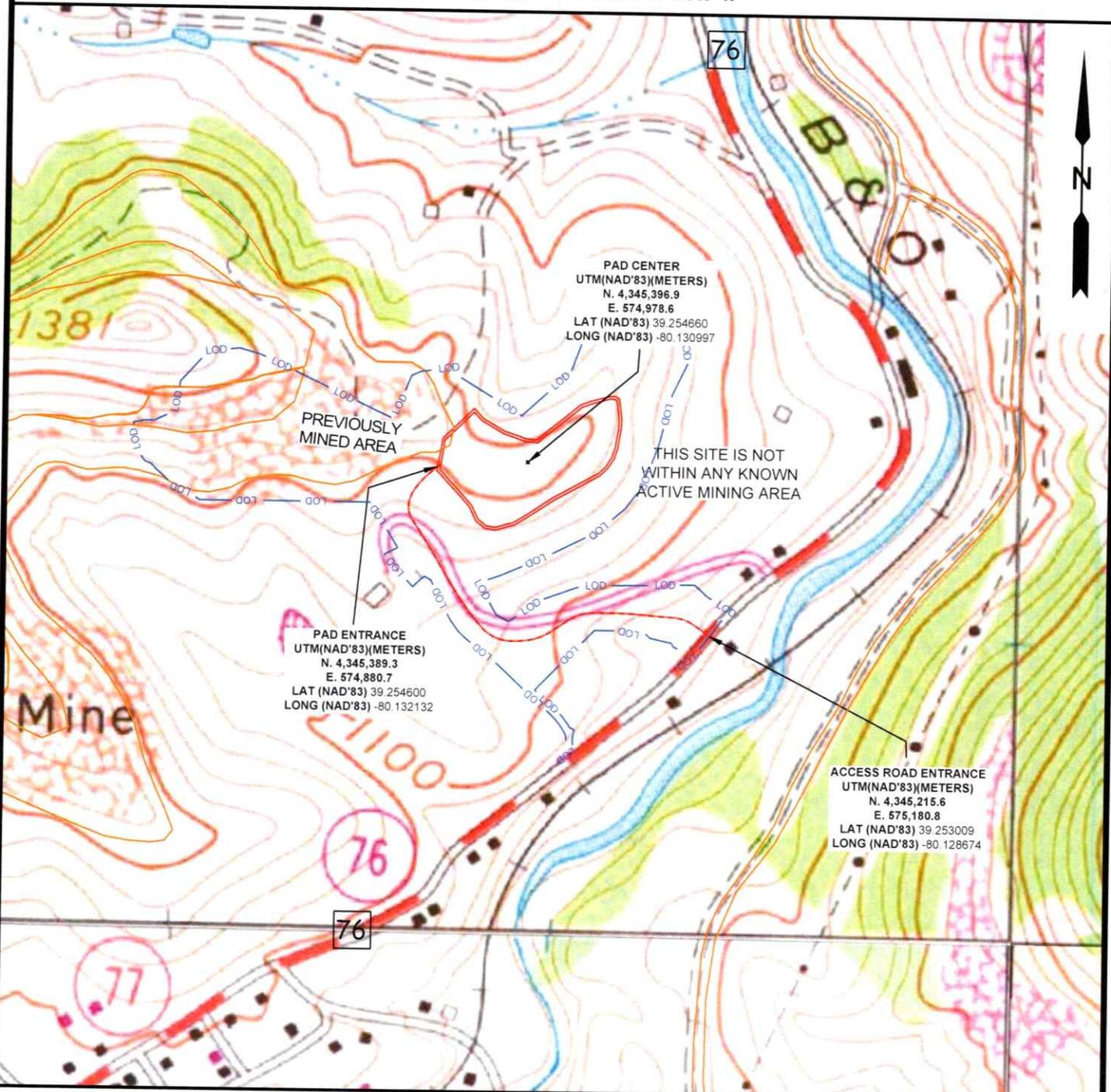
ADDITIONAL REMARKS

THIS ADDITIONAL REMARKS FORM IS A SCHEDULE TO ACORD FORM,

FORM NUMBER: 25 FORM TITLE: CERTIFICATE OF LIABILITY INSURANCE

Liability Policy, if required by written contract or agreement, subject to the policy terms and conditions.
 Certificate Holder and all other parties required by the contract are included as Additional Insured on the Automobile Liability Policy, if required by written contract or agreement, subject to the policy terms and conditions.
 This Insurance is Primary & Non-Contributory on the General Liability and Automobile Liability Policy, if required by written contract or agreement, subject to the policy terms and conditions.
 A Waiver of Subrogation is provided in favor of Certificate Holder and all other parties required by the contract on the General Liability, Automobile Liability and Worker's Compensation Policy, if required by written contract or agreement, subject to the policy terms and conditions.
 RE: West Virginia Workers Compensation

PROPOSED FIBER II COAL PERMIT MAP

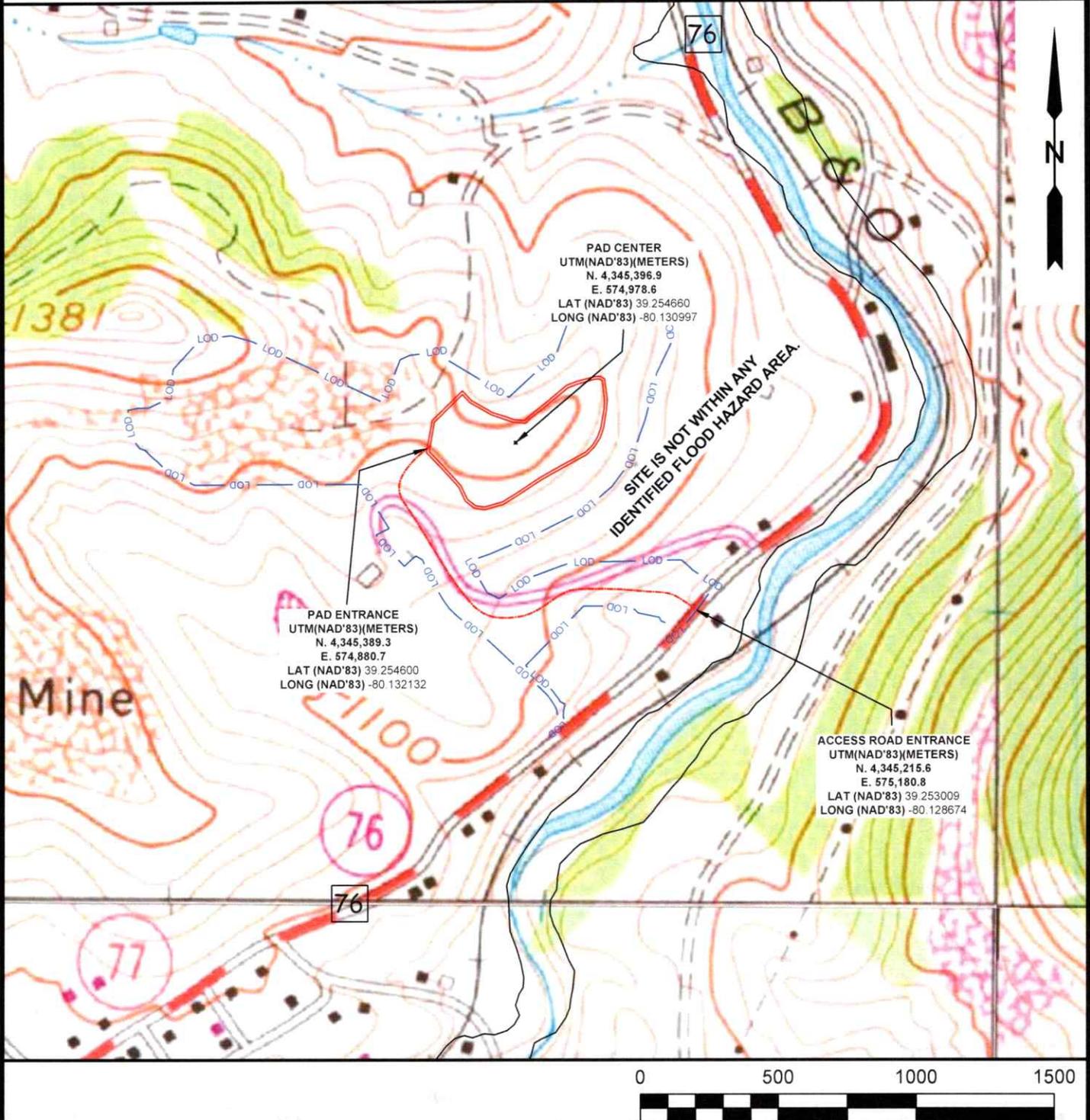


12 Vanhorn Drive | P.O. Box 150 | Glenville, WV 26351 | 304.462.5634
 1412 Kanawha Boulevard, East | Charleston, WV 25301 | 304.346.3952
 254 East Beckley Bypass | Beckley, WV 25801 | 304.255.5296
 slsvv.com

TOPO SECTION:		OPERATOR:	
ROSEMONT 7.5'		PREPARED FOR:	
COUNTY	DISTRICT	ARSENAL RESOURCES	
TAYLOR	FLEMINGTON	6031 WALLACE RD. EXT.	
		SUITE 101	
		WEXFORD, PA 15090	
DRAWN BY	JOB NO.	DATE	SCALE
C.P.M.	9205	11-20-2022	1" = 500'



PROPOSED FIBER II FLOOD HAZARD MAP



12 Vanhorn Drive | P.O. Box 150 | Glenville, WV 26351 | 304.462.5634
1412 Kanawha Boulevard, East | Charleston, WV 25301 | 304.346.3952
254 East Beckley Bypass | Beckley, WV 25801 | 304.255.5296
sllsw.com

TOPO SECTION:		OPERATOR:	
ROSEMONT 7.5'		PREPARED FOR:	
COUNTY	DISTRICT	ARSENAL RESOURCES	
TAYLOR	FLEMINGTON	6031 WALLACE RD. EXT.	
DRAWN BY	JOB NO.	DATE	SCALE
C.P.M.	9205	11-20-2022	1" = 500'