



People Powered. Asset Strong.

September 15, 2025

West Virginia Department of Environmental Protection
Office of Oil & Gas
Attn: Melanie Hankins
601 57th Street SE
Charleston, WV 25304

Dear Ms. Hankins:

Enclosed please find the WR-34, WR-35, WR-36, Frac Focus Report, and the As-Drilled Plat for D'Annunzio #201 & 202. Please let me know if you have any questions or need any additional information.

Thank you,

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

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SEP 19 2025

WV Department of
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*Signed
12-9-2025
Need approval
stamp*

6031 Wallace Road Ext., Suite 200
Wexford, PA 15090
P - 724-940-1100
F - 800-428-0981

www.arsenalresources.com 02/06/2026

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

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API 47 - 033 - 06044 County Harrison District Clark SEP 19 2025
Quad Clarksburg Pad Name D'Annunzio Field/Pool Name _____
Farm name D'Annunzio Well Number 201
Operator (as registered with the OOG) Arsenal Resources
Address 6031 Wallace Rd Ext, Ste 200 City Wexford State PA Zip 15090

As Drilled location NAD 83/UTM Attach an as-drilled plat, profile view, and deviation survey
Top hole Northing 4,345,309.95 Easting 557,248.15
Landing Point of Curve Northing 4,344,850.9 Easting 556,842.3
Bottom Hole Northing 4,340,956.0 Easting 558,263.3

Elevation (ft) 1118 GL Type of Well New Existing Type of Report Interim Final
Permit Type Deviated Horizontal Horizontal 6A Vertical Depth Type Deep Shallow
Type of Operation Convert Deepen Drill Plug Back Redrilling Rework Stimulate
Well Type Brine Disposal CBM Gas Oil Secondary Recovery Solution Mining Storage Other _____
Type of Completion Single Multiple Fluids Produced Brine Gas NGL Oil Other _____
Drilled with Cable Rotary

Drilling Media Surface hole Air Mud Fresh Water Intermediate hole Air Mud Fresh Water Brine
Production hole Air Mud Fresh Water Brine
Mud Type(s) and Additive(s)
Synthetic Oil Based

Date permit issued 12/19/2024 Date drilling commenced 02/03/2025 Date drilling ceased 03/23/2025
Date completion activities began 04/07/2025 Date completion activities ceased 05/06/2025
Verbal plugging (Y/N) N Date permission granted NA Granted by NA

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

Freshwater depth(s) ft None reported Open mine(s) (Y/N) depths N
Salt water depth(s) ft None reported Void(s) encountered (Y/N) depths N
Coal depth(s) ft None reported Cavern(s) encountered (Y/N) depths N
Is coal being mined in area (Y/N) N

Reviewed by:
Jeff Ruppert
02/06/2026

WR-35
Rev. 8/23/13

API 47-033 - 06044 Farm name D'Annunzio Well number 201

CASING STRINGS	Hole Size	Casing Size	Depth	New or Used	Grade wt/ft	Basket Depth(s)	Did cement circulate (Y/N) * Provide details below*
Conductor	30"	24"	80 GL	New	94	NA	Y
Surface	17 1/2"	13 3/8"	604 GL	New	54.5	NA	Y
Coal	NA	NA	NA	NA	NA	NA	N
Intermediate 1	12 1/4"	9 5/8"	2,586 GL	New	40.0	NA	Y
Intermediate 2	NA	NA	NA	NA	NA	NA	NA
Intermediate 3	NA	NA	NA	NA	NA	NA	NA
Production	8 1/2"	5 1/2"	21,725 GL	New	20.0	NA	Y
Tubing	NA	NA	NA	NA	NA	NA	NA
Packer type and depth set		NA					

Comment Details Cement to surface on Conductor, Surface, Intermediate and lap onto intermediate on production.

CEMENT DATA	Class/Type of Cement	Number of Sacks	Slurry wt (ppg)	Yield (ft ³ /sks)	Volume (ft ³)	Cement Top (MD)	WOC (hrs)
Conductor	A	168	15.60	1.21	203	Surface	8+
Surface	A	570	15.80	1.22	695.4	Surface	8+
Coal	NA	NA	NA	NA	NA	NA	NA
Intermediate 1	A	890	15.60	1.18	1050.2	Surface	8+
Intermediate 2	NA	NA	NA	NA	NA	NA	NA
Intermediate 3	NA	NA	NA	NA	NA	NA	NA
Production	A	1015/3025	14.5/15.0	1.29/1.4	1060.8/4235	1515'	8+
Tubing	NA	NA	NA	NA	NA	NA	NA

Drillers TD (ft) 21,745' (GL) Loggers TD (ft) NA
 Deepest formation penetrated Marcellus Plug back to (ft) NA
 Plug back procedure NA

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Kick off depth (ft) 6,445' (GL)

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

Well cored Yes No Conventional Sidewall Were cuttings collected Yes No

DESCRIBE THE CENTRALIZER PLACEMENT USED FOR EACH CASING STRING 24"- No centralizers, 13 3/8" & 9-5/8"- one bow spring centralizer on every other joint, 9.5"- one semi rigid centralizer on every joint from TD of casing to end of curve. Then every other joint to KCP. Every third joint from KCP to 2,400'; there will be no centralizers from 2,400' to surface

WAS WELL COMPLETED AS SHOT HOLE Yes No DETAILS _____

WAS WELL COMPLETED OPEN HOLE? Yes No DETAILS _____

WERE TRACERS USED Yes No TYPE OF TRACER(S) USED _____

02/06/2026

API 47- 033 - 06044 Farm name D'Annunzio Well number 201

PRODUCING FORMATION(S)	DEPTHS	
<u>Marcellus Shale</u>	<u>7244-7292'</u> TVD	<u>7805-21703'</u> MD
_____	_____	_____
_____	_____	_____
_____	_____	_____

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Please insert additional pages as applicable.

GAS TEST Build up Drawdown Open Flow OIL TEST Flow Pump

SHUT-IN PRESSURE Surface _____ psi Bottom Hole _____ psi DURATION OF TEST 24 hrs

OPEN FLOW Gas 17411 mcfpd Oil 0 bpd NGL 0 bpd Water 652 bpd GAS MEASURED BY Estimated Orifice Pilot

LITHOLOGY/ FORMATION	TOP DEPTH IN FT NAME TVD	BOTTOM DEPTH IN FT TVD	TOP DEPTH IN FT MD	BOTTOM DEPTH IN FT MD	DESCRIBE ROCK TYPE AND RECORD QUANTITY AND TYPE OF FLUID (FRESHWATER, BRINE, OIL, GAS, H ₂ S, ETC)
Sand/Silt	0	450	0	450	no water reported
Sand/Silt/Coal	450	1533	450	1533	no coal reported
Big Lime	1533	1714	1533	1714	Limestone
Sand/Silt/Shale	1714	3872	1714	3872	Sandstone, Siltstone, Shale
Bradford	3872	3894	3872	3894	Sandstone
Sand/Silt/Shale	3894	4515	3894	4515	Sandstone, Siltstone, Shale
Benson	4515	4585	4515	4585	Siltstone
Sand/Silt/Shale	4585	6958	4585	7300	Sandstone, Siltstone, Shale
Burkett	6958	6974	7300	7321	Shale
Tully	6974	7032	7321	7408	Limestone
Mahanlango	7032	7198	7408	7836	Shale
Marcellus	7198	7244	7836	8036	Shale
Lower Marcellus	7244	7270**	8036	21770	Shale
Onondaga	7270**				Limestone, **Onondaga not penetrated - est based on 033-05741

Please insert additional pages as applicable.

Drilling Contractor Helmrich & Payne
Address 1437 South Boulder Ave City Tulsa State OK Zip 74119

Logging Company NA
Address _____ City _____ State _____ Zip _____

Cementing Company Halliburton
Address 4999 E Pointe Dr City Zanesville State OH Zip 43701

Stimulating Company Halliburton
Address 4999 E Pointe Dr City Zanesville State OH Zip 43701

Please insert additional pages as applicable.

Completed by Arsenal Resources Telephone 724-940-1100
Signature *Emily H. Clark* Title Geologist & Permitting Specialist Date 9/15/2025

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

02/06/2026

Well Header

Well Name: D'Annunzio 201	API/UWI: 4703306044	Lease:	Pad Name: D'Annunzio	Operator: Arsenal Resources	Well Type:	Well Subtype:
Orig KB Elev (ft): 1,146.00	Water Depth (ft):	Lic Date:	Spud Date: 3/11/2025	RR Date: 3/23/2025		
County: Harrison	District:	Division:	Division Code:			
Datum:	Latitude (*): 39° 15' 18.54" N	Longitude (*): 80° 20' 11.148" W	UTM E (m):	UTM N (m):		
Jobs						
Job Cat: Completion/Workover	Job Type: Initial Completion	Start Date: 4/7/2025	End Date: 5/6/2025			

Perforations

Date	Top (ftKB)	Btm (ftKB)	Entered Shot Total	Zone
5/6/2025		7,805.00	7,967.00	40 Marcellus
5/5/2025		8,005.00	8,167.00	40 Marcellus
5/5/2025		8,205.00	8,367.00	40 Marcellus
5/5/2025		8,405.00	8,567.00	40 Marcellus
5/4/2025		8,605.00	8,767.00	40 Marcellus
5/4/2025		8,805.00	8,967.00	40 Marcellus
5/4/2025		9,006.00	9,167.00	40 Marcellus
5/3/2025		9,208.00	9,369.00	40 Marcellus
5/3/2025		9,403.00	9,567.00	40 Marcellus
5/3/2025		9,605.00	9,767.00	40 Marcellus
5/3/2025		9,808.00	9,967.00	40 Marcellus
5/2/2025		10,005.00	10,167.00	40 Marcellus
5/2/2025		10,205.00	10,362.00	40 Marcellus
5/2/2025		10,405.00	10,567.00	40 Marcellus
5/1/2025		10,605.00	10,767.00	40 Marcellus
5/1/2025		10,805.00	10,967.00	40 Marcellus
5/1/2025		11,005.00	11,167.00	40 Marcellus
5/1/2025		11,205.00	11,369.00	40 Marcellus
4/30/2025		11,405.00	11,569.00	40 Marcellus
4/30/2025		11,605.00	11,767.00	40 Marcellus
4/30/2025		11,805.00	11,967.00	40 Marcellus
4/30/2025		12,005.00	12,167.00	40 Marcellus
4/29/2025		12,205.00	12,367.00	40 Marcellus
4/29/2025		12,405.00	12,567.00	40 Marcellus
4/29/2025		12,605.00	12,767.00	40 Marcellus
4/29/2025		12,805.00	12,967.00	40 Marcellus
4/28/2025		13,005.00	13,167.00	40 Marcellus
4/28/2025		13,205.00	13,367.00	40 Marcellus
4/28/2025		13,403.00	13,567.00	40 Marcellus
4/27/2025		13,605.00	13,771.00	40 Marcellus
4/27/2025		13,805.00	13,967.00	40 Marcellus
4/27/2025		14,005.00	14,167.00	40 Marcellus
4/27/2025		14,208.00	14,367.00	40 Marcellus
4/26/2025		14,405.00	14,567.00	40 Marcellus
4/26/2025		14,605.00	14,767.00	40 Marcellus
4/26/2025		14,805.00	14,967.00	40 Marcellus

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4/25/2025	15,005.00	15,169.00	40 Marcellus
4/25/2025	15,205.00	15,367.00	40 Marcellus
4/25/2025	15,405.00	15,567.00	40 Marcellus
4/25/2025	15,605.00	15,767.00	40 Marcellus
4/24/2025	15,805.00	15,967.00	40 Marcellus
4/24/2025	16,005.00	16,167.00	40 Marcellus
4/24/2025	16,205.00	16,367.00	40 Marcellus
4/24/2025	16,405.00	16,567.00	40 Marcellus
4/23/2025	16,605.00	16,767.00	40 Marcellus
4/23/2025	16,805.00	16,967.00	40 Marcellus
4/22/2025	17,006.00	17,167.00	40 Marcellus
4/22/2025	17,205.00	17,364.00	40 Marcellus
4/22/2025	17,405.00	17,567.00	40 Marcellus
4/22/2025	17,605.00	17,764.00	40 Marcellus
4/21/2025	17,805.00	17,967.00	40 Marcellus
4/21/2025	18,005.00	18,167.00	40 Marcellus
4/21/2025	18,205.00	18,367.00	40 Marcellus
4/21/2025	18,407.00	18,567.00	40 Marcellus
4/20/2025	18,605.00	18,767.00	40 Marcellus
4/20/2025	18,805.00	18,967.00	40 Marcellus
4/20/2025	19,005.00	19,168.00	40 Marcellus
4/19/2025	19,205.00	19,367.00	40 Marcellus
4/19/2025	19,407.00	19,567.00	40 Marcellus
4/19/2025	19,605.00	19,767.00	40 Marcellus
4/19/2025	19,805.00	19,967.00	40 Marcellus
4/18/2025	20,005.00	20,167.00	40 Marcellus
4/18/2025	20,205.00	20,367.00	40 Marcellus
4/18/2025	20,405.00	20,567.00	40 Marcellus
4/16/2025	20,605.00	20,767.00	40 Marcellus
4/16/2025	20,805.00	20,967.00	40 Marcellus
4/16/2025	21,005.00	21,167.00	40 Marcellus
4/16/2025	21,205.00	21,367.00	40 Marcellus
4/15/2025	21,405.00	21,567.00	40 Marcellus
4/15/2025	21,605.00	21,703.00	36 Marcellus

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Stimulations Summary

Start Date: R Treat Avg (bbl/mIn): P Treat Avg (psi): Mass Prop Tot (lb): 35,017,705.0 Vol Clean Total (bbl): 644,095.00 Frac Grad Avg (psi/ft): 1.17

Stimulation Intervals

Interval Number	Start Date	Slurry Rate Avg (bbl/min)	P Treat Avg (psi)	P Breakdown (psi)	ISIP (psi)	Proppant Total OR (lb)	Vol Clean Total (bbl)
1	4/15/2025	83.00	8,851.00	8,563.00	4,725.00	7,223.00	
2	4/15/2025	85.00	8,405.00	5,856.00	5,168.00	10,402.00	
3	4/16/2025	86.00	9,015.00	6,569.00	4,637.00	10,909.00	
4	4/16/2025	87.00	8,642.00	5,653.00	4,828.00	9,591.00	
5	4/16/2025	88.00	8,441.00	6,308.00	5,435.00	9,302.00	
6	4/18/2025	85.00	8,985.00	6,940.00	5,138.00	9,911.00	
7	4/18/2025	90.00	8,683.00	6,519.00	5,226.00	9,491.00	

8	4/18/2025	89.70	8,606.00	7,003.00	5,102.00	9,134.00
9	4/19/2025	90.20	8,636.00	7,094.30	5,310.00	9,111.00
10	4/19/2025	90.70	8,768.00	6,369.00	4,991.00	9,696.00
11	4/19/2025	90.20	8,677.00	6,857.00	5,524.00	9,241.00
12	4/19/2025	90.10	8,404.00	6,642.00	5,198.00	9,403.00
13	4/20/2025	90.10	8,511.00	7,089.00	5,245.00	9,220.00
14	4/20/2025	90.00	8,424.00	10,504.00	5,184.00	9,288.00
15	4/20/2025	89.90	8,451.00	6,455.00	5,230.00	9,740.00
16	4/20/2025	89.70	8,335.00	6,667.00	5,385.00	9,167.00
17	4/21/2025	90.30	8,440.00	6,926.00	5,727.00	9,295.00
18	4/21/2025	89.90	8,445.00	6,879.00	5,283.00	9,640.00
19	4/21/2025	90.20	8,617.00	7,734.00	5,317.00	9,208.00
20	4/22/2025	88.90	8,090.00	5,553.00	5,322.00	9,052.00
21	4/22/2025	90.10	8,047.00	6,077.00	5,232.00	9,395.00
22	4/22/2025	89.90	8,059.00	5,800.00	5,164.00	9,457.00
23	4/22/2025	89.80	8,292.00	6,481.00	5,516.00	8,875.00
24	4/23/2025	90.10	8,252.00	4,747.00	5,207.00	9,114.00
25	4/23/2025	89.90	8,164.00	7,276.00	5,322.00	9,216.00
26	4/23/2025	89.40	8,160.00	6,807.00	4,917.00	9,077.00
27	4/24/2025	90.00	8,172.00	7,701.00	5,145.00	9,308.00
28	4/24/2025	90.30	8,196.00	6,803.00	5,245.00	9,220.00
29	4/24/2025	89.80	8,145.00	6,533.00	5,600.00	9,312.00
30	4/24/2025	90.00	8,003.00	6,869.00	5,564.00	9,060.00
31	4/25/2025	90.30	8,124.00	6,521.00	5,156.00	9,530.00
32	4/25/2025	90.00	8,424.00	6,937.00	6,123.00	9,224.00
33	4/25/2025	89.60	7,925.00	6,448.00	5,848.00	8,939.00
34	4/26/2025	90.00	8,013.00	7,434.00	5,571.00	8,469.00
35	4/26/2025	90.10	7,800.00	6,433.00	5,286.00	9,204.00
36	4/26/2025	89.90	8,037.00	6,825.00	5,340.00	9,394.00
37	4/26/2025	89.70	8,104.00	6,865.00	5,245.00	9,056.00
38	4/27/2025	90.10	8,100.00	6,681.00	5,805.00	9,086.00
39	4/27/2025	90.50	8,070.00	10,335.00	5,495.00	9,174.00
40	4/27/2025	90.40	7,930.00	6,847.00	5,384.00	8,982.00
41	4/28/2025	90.00	7,937.00	7,266.00	5,448.00	8,865.00
42	4/28/2025	90.20	8,083.00	6,372.00	5,494.00	9,427.00
43	4/28/2025	91.10	7,617.00	6,686.00	5,491.00	9,019.00
44	4/28/2025	90.20	7,465.00	5,338.00	5,955.00	10,218.00
45	4/29/2025	89.80	7,636.00	7,200.00	5,290.00	8,893.00
46	4/29/2025	90.20	7,935.00	5,220.00	5,248.00	9,071.00
47	4/29/2025	89.90	7,783.00	6,904.00	5,309.00	9,122.00
48	4/29/2025	89.80	7,717.00	6,898.00	5,656.00	9,064.00
49	4/30/2025	89.80	7,741.00	7,282.00	5,384.00	8,990.00
50	4/30/2025	90.50	7,529.00	7,039.00	5,212.00	9,144.00
51	4/30/2025	89.90	7,508.00	6,427.00	5,240.00	9,010.00
52	4/30/2025	90.30	7,473.00	7,193.00	5,654.00	9,090.00
53	5/1/2025	89.90	7,373.00	7,024.00	5,531.00	8,995.00

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54	5/1/2025	90.10	7,284.00	6,670.00	5,362.00	9,202.00
55	5/1/2025	89.90	7,285.00	6,315.00	5,427.00	9,127.00
56	5/2/2025	89.90	7,545.00	6,889.00	5,834.00	9,057.00
57	5/2/2025	90.30	8,025.00	6,246.00	5,897.00	8,976.00
58	5/2/2025	89.80	7,180.00	5,195.00	4,942.00	8,919.00
59	5/2/2025	90.30	7,104.00	6,272.00	5,322.00	9,097.00
60	5/3/2025	90.30	7,352.00	7,334.00	5,663.00	8,996.00
61	5/3/2025	90.20	7,276.00	5,692.00	5,438.00	8,866.00
62	5/3/2025	89.50	7,254.00	7,125.00	5,616.00	9,714.00
63	5/4/2025	90.50	7,057.00	7,240.00	5,417.00	8,943.00
64	5/4/2025	90.00	7,074.00	6,783.00	6,085.00	8,920.00
65	5/4/2025	90.00	7,283.00	7,365.00	5,946.00	8,910.00
66	5/4/2025	90.10	7,143.00	6,471.00	5,444.00	9,017.00
67	5/5/2025	90.10	7,348.00	7,123.00	5,874.00	8,863.00
68	5/5/2025	90.00	7,309.00	7,106.00	6,196.00	9,035.00
69	5/5/2025	90.00	7,245.00	7,597.00	5,455.00	9,073.00
70	5/6/2025	90.00	7,376.00	7,613.00	4,842.00	9,356.00

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Hydraulic Fracturing Fluid Product Component Information Disclosure

Job Start Date:	04/15/2025
Job End Date:	05/06/2025
State:	West Virginia
County:	Harrison
API Number:	47-033-06044-00-00
Operator Name:	Arsenal Resources
Well Name and Number:	D'ANNUNZIO 201
Latitude:	39.255229
Longitude:	-80.336486
Datum:	NAD83
Federal Well:	NO
Indian Well:	NO
True Vertical Depth:	7292.37
Total Base Water Volume (gal)*:	28307650
Total Base Non Water Volume:	0



Water Source	Percent
Groundwater, < 1000TDS	100.00%

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Hydraulic Fracturing Fluid Composition:

Trade Name	Supplier	Purpose	Ingredients	Chemical Abstract Service Number (CAS #)	Maximum Ingredient Concentration in Additive (% by mass)**	Maximum Ingredient Concentration in HF Fluid (% by mass)**	Comments
35% HCl Acid	Halliburton	Solvent					
FDP-S1470-23	Halliburton	Friction Reducer					
FDP-S1540-25	Halliburton	Friction Reducer					
Fresh Water	Operator	Base Fluid					
HAI-501	Halliburton	Acid Corrosion Inhibitor					
LEGEND(TM) LD-7750W	MultiChem	Scale Control					
MC B-8123	MultiChem	Biocide					
Sand-Common White-100 Mesh, SSA-2	Halliburton	Proppant					
Sand-Premium White-40/70	Halliburton	Proppant					

Items above are Trade Names. Items below are the individual ingredients.

02/06/2026

			Water	7732-18-5	100.00000	86.88014	None
			Crystalline silica, quartz	14808-60-7	100.00000	12.88675	None
			Water	7732-18-5	100.00000	0.12863	None
			Complex Amine Compound	Proprietary	60.00000	0.03976	None
			Hydrochloric acid	7647-01-0	35.00000	0.03582	None
			Hydrotreated light petroleum distillate	64742-47-8	30.00000	0.01988	None
			Ethanaminium, N,N,N-trimethyl-2-(1-oxo-2-propen-1-yl)oxy-chloride (1:1), polymer with 2-propenamide	69418-26-4	60.00000	0.01383	None
			Methanol	67-56-1	100.00000	0.01322	None
			Hydrotreated light petroleum distillates	64742-47-8	30.00000	0.00692	None
			Glutaraldehyde	111-30-8	30.00000	0.00682	None
			Ammonium salt	Proprietary	5.00000	0.00331	None
			Ethoxylated alcohol	Proprietary	5.00000	0.00331	None
			Ammonium chloride	12125-02-9	5.00000	0.00115	None
			Amides, tall-oil fatty, N,N-bis(hydroxyethyl)	68155-20-4	5.00000	0.00115	None
			Ethoxylated branched C13 alcohol	78330-21-9	5.00000	0.00115	None
			Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides	68424-85-1	5.00000	0.00114	None
			Sodium chloride	7647-14-5	5.00000	0.00107	None
			Phosphoric Acid Salt	Proprietary	5.00000	0.00107	None
			Sorbitan monooleate polyoxyethylene derivative	9005-65-6	1.00000	0.00089	None
			Sorbitan, mono-9-octadecenoate, (Z)	1338-43-8	1.00000	0.00066	None
			Fatty nitrogen derived amides	Proprietary	1.00000	0.00066	None
			Sorbitan, mono-9-octadecenoate, (Z)	1338-43-8	1.00000	0.00023	None
			Citric acid	77-92-9	1.00000	0.00023	None
			Mixture of dimer and trimer fatty acids of indefinite composition derived from tall oil	61790-12-3	30.00000	0.00012	None
			Modified thiourea polymer	Proprietary	30.00000	0.00012	None

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60.00000
Department of Environmental Protection

			Formaldehyde	50-00-0	0.10000	0.00002	None
			Propargyl alcohol	107-19-7	5.00000	0.00002	None
			Hexadecene	629-73-2	5.00000	0.00002	None
			Ethoxylated alcohols	Proprietary	5.00000	0.00002	None

* Total Water Volume sources may include various types of water including fresh water, produced water, and recycled water

** Information is based on the maximum potential for concentration and thus the total may be over 100%

Note: For Field Development Products (products that begin with FDP), MSDS level only information has been provided.

Ingredient information for chemicals subject to 29 CFR 1910.1200(i) and Appendix D are obtained from suppliers Material Safety Data Sheets (MSDS)

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WV Department of
Environmental Protection

02/06/2026

**D'ANNUNZIO PAD
WELL NO. 201
ARSENAL RESOURCES**

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

CURVE	RADIUS	ARC LENGTH	CHORD LENGTH	CHORD BEARING
C1	129.07'	94.10'	92.03'	S 45°29' W
C2	427.31'	182.00'	180.63'	S 12°26' W
C3	1535.99'	531.79'	529.13'	S 09°56' E

T.H. LONGITUDE 80°20'00"
B.H. LONGITUDE 80°17'30"

TAG	PARCEL	SURFACE OWNER/ROAD/RIVER	ACREAGE
A	3-327-17	A & B MANAGEMENT LLC	199.03
B	3-327-26	HARRISON COUNTY BOARD OF EDUCATION	185.84
C	1-347-8	ROGER & BETTY PHILLIPS	93.36
D	1-347-33	SKASIK KURT G & ANDREW SKASIK	93.35
E	12-347-32	W VA DIVISION OF NATURAL RESOURCES	245.15
F	1-347-35	W VA DIVISION OF NATURAL RESOURCES	378.32
G	12-347-50	MICHAEL W & MARY M BALL	39.88
ROAD	N/A	STREETS IN CLARDALE SUBDIVISION	N/A
H	12-347-88	MICHAEL W & MARY M BALL	1.1
I	1-347-89	W VA DIVISION OF NATURAL RESOURCES	62.24
J	1-367-37	W VA DIVISION OF NATURAL RESOURCES	160
K	1-367-47	FRANK FERNANDEZ (LE)	177.9
L	11-367-58.1	MARK S & MARCIE G BRAGG	19.25
M	11-367-58.4	GUY A II & RACQUEL A BUFFEY	9.4

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SEP 19 2025

Environmental Protection

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

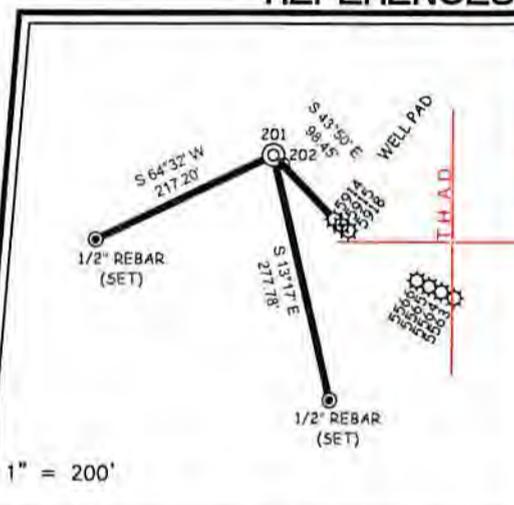
NAD83 S.P.C.(FT)	N. 276,177.76	E. 1,731,634.10
NAD83 GEO.	LAT-(N) 39.255229	LONG-(W) 80.336486
NAD83 UTM (M)	N. 4,345,309.95	E. 557,248.15
LANDING POINT		
NAD83 S.P.C.(FT)	N. 274,895.8	E. 1,730,225.3
NAD83 GEO.	LAT-(N) 39.251673	LONG-(W) 80.341418
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BOTTOM HOLE		
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12 American Drive, P.O. Box 150, Charleston, WV 25311 | 808.488.2824
1412 Kanawha Boulevard, East Charleston, WV 25310 | 808.446.1992
254 Elm Hickory Byway | Beckley, WV 25801 | 304.295.6296
swww.com

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'
- PLAT UPDATED TO SHOW AS-DRILLED PATH.
- AS-DRILLED DATA PROVIDED BY ARSENAL RESOURCES



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.

P.S. 677 *Gregory A. Smith*



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

DATE JANUARY 8, 20 25
REVISED MAY 20, 20 25
OPERATORS WELL NO. 201

API WELL NO. 47 - 033 - 06044
STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1/2500 FILE NO. 9483P201 AD.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 LIQUID INJECTION WASTE DISPOSAL IF "GAS" PRODUCTION STORAGE DEEP SHALLOW

LOCATION: ELEVATION 1118.00' WATERSHED TRIBUTARY TO NUTTER RUN
DISTRICT CLARK-CLARKSBURG CORP. COUNTY HARRISON QUADRANGLE CLARKSBURG

SURFACE OWNER A & B MANAGEMENT LLC ACREAGE 199.03±
ROYALTY OWNER A & B MANAGEMENT LLC ET AL ACREAGE 199.03±

PROPOSED WORK: LEASE NO. SEE WV 561
DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE 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 21,915.54' / TVD 7,250'

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

COUNTY NAME PERMIT

02/06/2026

**D'ANNUNZIO PAD
WELL NO. 201
ARSENAL RESOURCES**

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

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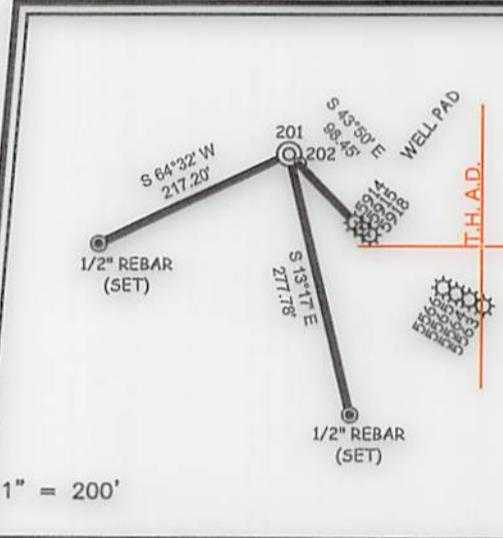
13,272' B.H. A.D.

12,410' B.H. A.D.

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

NAD'83 S.P.C.(FT)	N. 276,177.76	E. 1,731,634.10
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REFERENCES



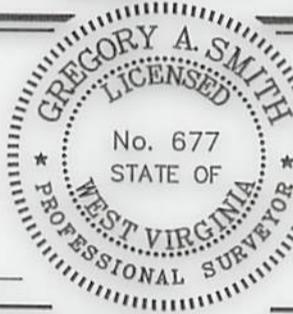
12 Vanhova Drive | P.O. Box 150 | Glenville, WV 26351 | 304.462.5634
1412 Kanawha Boulevard, East | Charleston, WV 25301 | 304.346.3952
254 East Beckley Bypass | Beckley, WV 25801 | 304.255.5296
slsw.com

NOTES ON SURVEY

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- AS-DRILLED DATA PROVIDED BY ARSENAL RESOURCES.

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.

P.S. 677 Gregory A. Smith



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

DATE JANUARY 8, 2025

REVISED AUGUST 26, 2025

OPERATORS WELL NO. 201

API WELL NO. 47 - 033 - 06044
STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1/2500 FILE NO. 9483P201 AD R1.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



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ROYALTY OWNER A & B MANAGEMENT LLC ET AL ACREAGE 02/06/2026

PROPOSED WORK: DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE PLUG OFF OLD FORMATION PERFORATE NEW FORMATION PLUG AND ABANDON CLEAN OUT AND REPLUG OTHER

PHYSICAL CHANGE IN WELL (SPECIFY) _____ TARGET FORMATION MARCELLUS

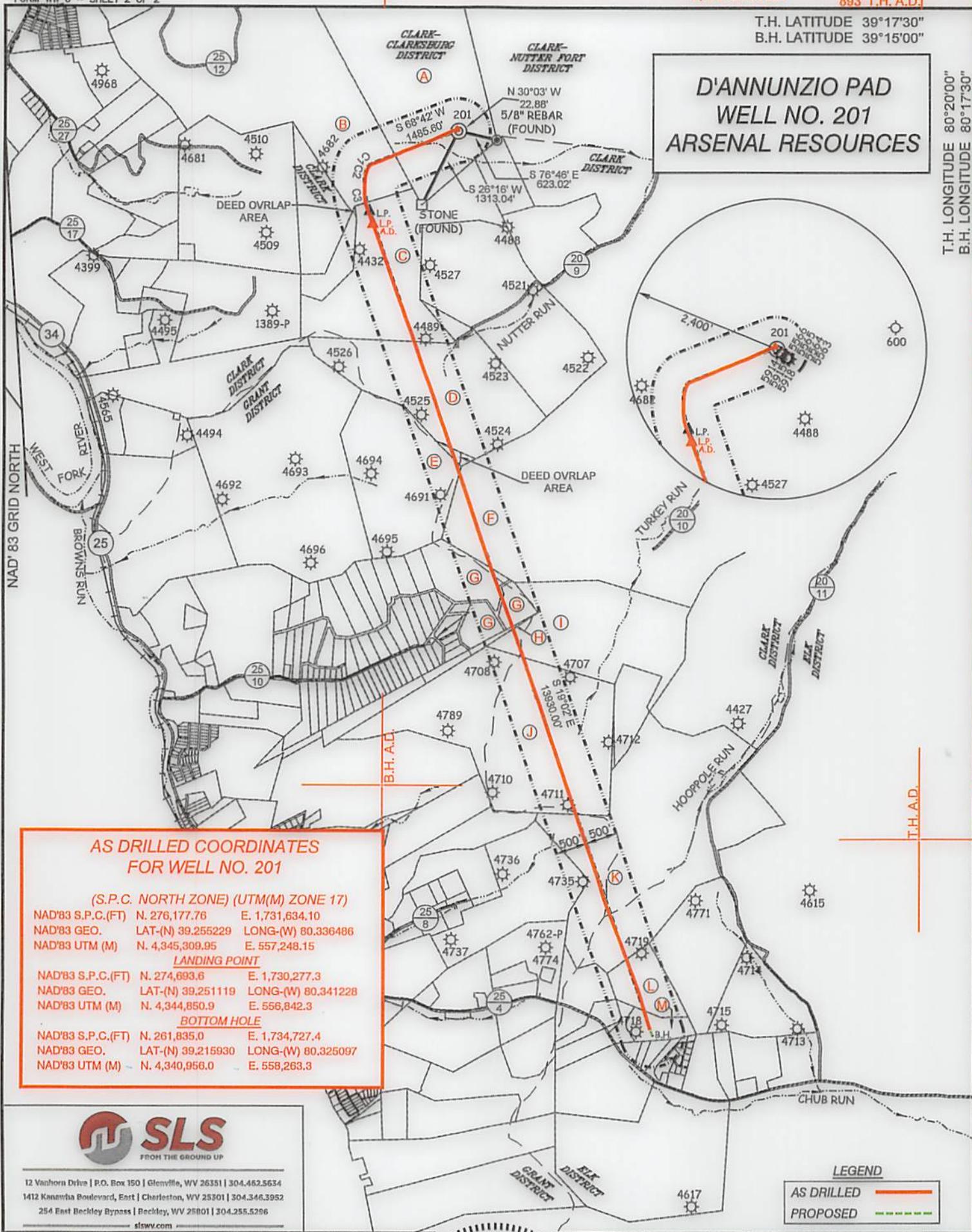
ESTIMATED DEPTH TMD 21,770' / TVD 7,292'

WELL OPERATOR ARSENAL RESOURCES DESIGNATED AGENT ERIC MORRIS

ADDRESS 6031 WALLACE RD. EXT. SUITE 200 WEXFORD, PA 15090 ADDRESS 633 WEST MAIN STREET BRIDGEPORT, WV 26330

COUNTY NAME PERMIT

**D'ANNUNZIO PAD
WELL NO. 201
ARSENAL RESOURCES**



**AS DRILLED COORDINATES
FOR WELL NO. 201**

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

NAD'83 S.P.C.(FT) N. 276,177.76 E. 1,731,634.10
NAD'83 GEO. LAT-(N) 39.255229 LONG-(W) 80.336486
NAD'83 UTM (M) N. 4,345,309.95 E. 557,248.15

LANDING POINT

NAD'83 S.P.C.(FT) N. 274,693.6 E. 1,730,277.3
NAD'83 GEO. LAT-(N) 39.251119 LONG-(W) 80.341228
NAD'83 UTM (M) N. 4,344,850.9 E. 556,842.3

BOTTOM HOLE

NAD'83 S.P.C.(FT) N. 261,835.0 E. 1,734,727.4
NAD'83 GEO. LAT-(N) 39.215930 LONG-(W) 80.325097
NAD'83 UTM (M) N. 4,340,956.0 E. 558,263.3



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

LEGEND

AS DRILLED ——— (orange line)
PROPOSED - - - - - (dashed green line)

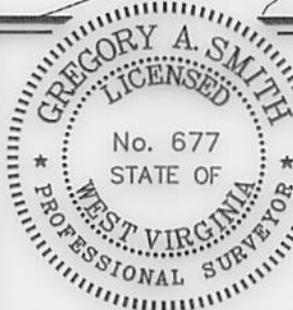
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(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

P.S.
677

Gregory A. Smith

LEGEND

- LEASE LINE ———
- SURFACE LINE - - - - -
- WELL LATERAL - - - - -
- OFFSET LINE - - - - -
- TIE LINE - - - - -
- CREEK - - - - -
- ROAD - - - - -
- COUNTY ROUTE - - - - -
- PROPOSED WELL (A) (orange circle)
- EXISTING WELL (S) (sun symbol)
- PERMITTED WELL (O) (circle)
- TAX MAP-PARCEL (00-00)
- SURFACE OWNER (SEE TABLE)
- LEASE # (SEE WW-6A1)

SCALE 1" = 2000' FILE NO. 9483P201 AD R1.dwg

DATE JANUARY 8, 20 25
REVISED AUGUST 26, 20 25

OPERATORS WELL NO. 201
API WELL NO. 47 — 033 — 06044
STATE COUNTY PERMIT

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



02/06/2026

WELL OPERATOR ARSENAL RESOURCES
ADDRESS 6031 WALLACE RD. EXT. SUITE 200
WEXFORD, PA 15090

DESIGNATED AGENT ERIC MORRIS
ADDRESS 633 WEST MAIN STREET
BRIDGEPORT, WV 26330

COUNTY NAME
PERMIT