

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

API 47-033-06045 County Harrison District Clark
Quad Clarksburg Pad Name D'Annunzio Field/Pool Name _____
Farm name D'Annunzio Well Number 202
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 4,345,307.06 Easting 557,251.69
Landing Point of Curve Northing 4,345,047.2 Easting 557,165.6
Bottom Hole Northing 4,340,981.7 Easting 558,644.8

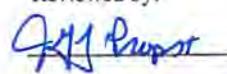
Elevation (ft) 1118 GL Type of Well New Existing Type of Report Interim Final
Permit Type Deviated Horizontal Horizontal 6A Vertical Depth Type Deep Shallow
Type of Operation Convert Deepen Drill Plug Back Redrilling Rework Stimulate
Well Type Brine Disposal CBM Gas Oil Secondary Recovery Solution Mining 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 03/30/2025
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:

02/06/2026

API 47- 033 - 06045 Farm name D'Annunzio Well number 202

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"	606 GL	New	54.5	NA	Y
Coal	NA	NA	NA	NA	NA	NA	N
Intermediate 1	12 1/4"	9 5/8"	2,5853 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"	21,750 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	15.60	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	860/3200	14.5/15.0	1.29/1.4	1109/4480	1542'	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

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

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, 5.5"- 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 2,400'; there will be no centralizers from 2,400' to surface

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WAS WELL COMPLETED AS SHOT HOLE Yes No DETAILS SEP 19 2025

WAS WELL COMPLETED OPEN HOLE? Yes No DETAILS WV Department of Environmental Protection

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

API 47- 033 - 06045 Farm name D'Annunzio Well number 202

PRODUCING FORMATION(S)	DEPTHS	
Marcellus Shale	7197-7332'	TVD 7431-21728' 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 18670 mcfpd Oil 0 bpd NGL 0 bpd Water 667 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	6954	4585	7004	Sandstone, Siltstone, Shale
Burkett	6954	6974	7004	7027	Shale
Tully	6974	7030	7027	7096	Limestone
Mahantango	7030	7197	7096	7391	Shale
Marcellus	7197	7244	7391	7617	Shale
Lower Marcellus	7244	7270**	7617	21803	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 [Signature] 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 202	API/UWI: 4703306045	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: 3/6/2025	RR Date: 3/30/2025		
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		7,431.00	7,596.00	40 Marcellus
5/6/2025		7,634.00	7,796.00	40 Marcellus
5/5/2025		7,834.00	7,993.00	40 Marcellus
5/5/2025		8,031.00	8,193.00	40 Marcellus
5/5/2025		8,231.00	8,393.00	40 Marcellus
5/4/2025		8,431.00	8,598.00	40 Marcellus
5/4/2025		8,635.00	8,793.00	40 Marcellus
5/4/2025		8,831.00	8,991.00	40 Marcellus
5/3/2025		9,031.00	9,196.00	40 Marcellus
5/3/2025		9,231.00	9,396.00	40 Marcellus
5/3/2025		9,431.00	9,598.00	40 Marcellus
5/2/2025		9,631.00	9,798.00	40 Marcellus
5/2/2025		9,831.00	9,993.00	40 Marcellus
5/2/2025		10,031.00	10,188.00	40 Marcellus
5/2/2025		10,231.00	10,393.00	40 Marcellus
5/1/2025		10,431.00	10,593.00	40 Marcellus
5/1/2025		10,631.00	10,793.00	40 Marcellus
5/1/2025		10,831.00	10,996.00	40 Marcellus
4/30/2025		11,031.00	11,193.00	40 Marcellus
4/30/2025		11,231.00	11,393.00	40 Marcellus
4/30/2025		11,431.00	11,593.00	40 Marcellus
4/30/2025		11,631.00	11,788.00	40 Marcellus
4/29/2025		11,831.00	11,993.00	40 Marcellus
4/29/2025		12,031.00	12,193.00	40 Marcellus
4/29/2025		12,231.00	12,393.00	40 Marcellus
4/29/2025		12,431.00	12,593.00	40 Marcellus
4/28/2025		12,634.00	12,793.00	40 Marcellus
4/28/2025		12,831.00	12,993.00	40 Marcellus
4/28/2025		13,031.00	13,193.00	40 Marcellus
4/28/2025		13,231.00	13,393.00	40 Marcellus
4/27/2025		13,431.00	13,593.00	40 Marcellus
4/27/2025		13,631.00	13,793.00	40 Marcellus
4/27/2025		13,831.00	13,993.00	40 Marcellus
4/26/2025		14,031.00	14,193.00	40 Marcellus
4/26/2025		14,231.00	14,393.00	40 Marcellus
4/26/2025		14,431.00	14,593.00	40 Marcellus

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4/26/2025	14,631.00	14,793.00	40 Marcellus
4/25/2025	14,831.00	14,993.00	40 Marcellus
4/25/2025	15,031.00	15,193.00	40 Marcellus
4/25/2025	15,231.00	15,393.00	40 Marcellus
4/24/2025	15,431.00	15,593.00	40 Marcellus
4/24/2025	15,631.00	15,793.00	40 Marcellus
4/24/2025	15,831.00	15,993.00	40 Marcellus
4/24/2025	16,031.00	16,193.00	40 Marcellus
4/23/2025	16,231.00	16,393.00	40 Marcellus
4/23/2025	16,431.00	16,593.00	40 Marcellus
4/23/2025	16,631.00	16,793.00	40 Marcellus
4/23/2025	16,831.00	16,993.00	40 Marcellus
4/22/2025	17,031.00	17,193.00	40 Marcellus
4/22/2025	17,231.00	17,393.00	40 Marcellus
4/22/2025	17,436.00	17,593.00	40 Marcellus
4/22/2025	17,631.00	17,793.00	40 Marcellus
4/21/2025	17,836.00	17,993.00	40 Marcellus
4/21/2025	18,031.00	18,193.00	40 Marcellus
4/21/2025	18,231.00	18,393.00	40 Marcellus
4/20/2025	18,431.00	18,593.00	40 Marcellus
4/20/2025	18,631.00	18,791.00	40 Marcellus
4/20/2025	18,831.00	18,993.00	40 Marcellus
4/20/2025	19,031.00	19,193.00	40 Marcellus
4/19/2025	19,231.00	19,393.00	40 Marcellus
4/19/2025	19,431.00	19,593.00	40 Marcellus
4/19/2025	19,634.00	19,793.00	40 Marcellus
4/19/2025	19,831.00	19,993.00	40 Marcellus
4/18/2025	20,031.00	20,193.00	40 Marcellus
4/18/2025	20,231.00	20,393.00	40 Marcellus
4/18/2025	20,431.00	20,593.00	40 Marcellus
4/16/2025	20,631.00	20,793.00	40 Marcellus
4/16/2025	20,831.00	20,991.00	40 Marcellus
4/16/2025	21,031.00	21,193.00	40 Marcellus
4/15/2025	21,231.00	21,393.00	40 Marcellus
4/15/2025	21,431.00	21,593.00	40 Marcellus
4/15/2025	21,631.00	21,728.00	36 Marcellus

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Stimulations Summary

Start Date: 4/15/2025

Stimulation Intervals

Interval Number

R Treat Avg (bbl/min): P Treat Avg (psi): Mass Prop Tot (lb): 35,888,015.0 Vol Clean Total (bbl): 668,866.00 Frac Grad Avg (psi/ft): 1.17

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	71.32	9,351.00	0.00	4,365.00	7,881.00	
2	4/15/2025	89.80	9,334.00	9,675.00	4,488.00	10,770.00	
3	4/15/2025	84.00	6,985.00	6,077.00	4,530.00	11,058.00	
4	4/16/2025	87.00	9,182.00	5,627.00	4,183.00	10,629.00	
5	4/16/2025	87.00	8,638.00	5,844.00	4,792.00	10,414.00	

6	4/16/2025	87.00	9,267.00	6,644.00	5,359.00	9,208.00
7	4/18/2025	87.00	8,779.00	5,309.00	4,730.00	9,432.00
8	4/18/2025	90.00	8,735.00	6,098.00	5,070.00	9,859.00
9	4/18/2025	83.20	8,147.00	5,534.00	4,771.00	9,085.00
10	4/19/2025	89.80	8,431.00	6,645.00	5,044.00	9,312.00
11	4/19/2025	89.80	8,681.00	4,513.00	4,913.00	9,454.00
12	4/19/2025	89.80	8,397.00	4,538.00	5,451.00	9,442.00
13	4/19/2025	90.30	8,465.00	6,447.00	5,127.00	9,180.00
14	4/20/2025	89.80	8,355.00	7,250.00	5,537.00	9,188.00
15	4/20/2025	89.50	8,545.00	6,696.00	5,105.00	9,313.00
16	4/20/2025	90.00	8,440.00	4,369.00	5,375.00	9,352.00
17	4/21/2025	90.00	8,439.00	7,250.00	5,453.00	9,318.00
18	4/21/2025	89.90	8,301.00	6,943.00	5,306.00	9,363.00
19	4/21/2025	89.20	8,311.00	6,546.00	4,924.00	9,278.00
20	4/21/2025	90.40	8,346.00	6,882.00	5,471.00	9,033.00
21	4/22/2025	90.10	8,231.00	6,755.00	5,578.00	9,217.00
22	4/22/2025	90.40	8,305.00	6,248.00	5,124.00	9,204.00
23	4/22/2025	90.20	8,233.00	6,435.00	4,900.00	9,175.00
24	4/23/2025	90.00	8,175.00	6,562.00	5,666.00	9,071.00
25	4/23/2025	90.10	8,287.00	6,526.00	5,199.00	9,309.00
26	4/23/2025	85.60	8,190.00	6,425.00	5,102.00	13,338.00
27	4/23/2025	90.00	8,091.00	7,020.00	5,424.00	9,229.00
28	4/24/2025	90.10	8,133.00	8,084.00	5,829.00	9,305.00
29	4/24/2025	91.00	8,245.00	6,601.00	5,364.00	9,401.00
30	4/24/2025	90.50	8,351.00	6,736.00	5,332.00	9,562.00
31	4/24/2025	90.30	8,231.00	7,543.00	5,787.00	9,407.00
32	4/25/2025	90.40	8,234.00	7,084.00	6,069.00	9,115.00
33	4/25/2025	90.00	7,992.00	10,038.00	5,523.00	9,247.00
34	4/25/2025	90.40	7,992.00	6,424.00	5,699.00	9,202.00
35	4/25/2025	90.00	7,862.00	6,951.00	6,321.00	9,146.00
36	4/26/2025	90.30	8,155.00	6,302.00	5,211.00	9,171.00
37	4/26/2025	90.20	8,148.00	10,321.00	5,318.00	9,198.00
38	4/26/2025	90.00	8,000.00	7,214.00	5,762.00	9,628.00
39	4/27/2025	89.90	7,764.00	7,427.00	5,573.00	9,070.00
40	4/27/2025	90.20	7,943.00	6,104.00	5,529.00	8,982.00
41	4/27/2025	90.40	8,019.00	6,799.00	5,531.00	9,293.00
42	1/1/2229	90.20	7,947.00	7,064.00	5,681.00	9,257.00
43	4/28/2025	90.20	7,910.00	7,325.00	5,618.00	8,923.00
44	4/28/2025	90.00	7,856.00	6,721.00	5,427.00	9,033.00
45	4/28/2025	90.10	7,916.00	6,899.00	5,495.00	8,925.00
46	4/29/2025	90.00	7,765.00	7,107.00	5,778.00	9,000.00
47	4/29/2025	90.00	7,891.00	7,466.00	5,393.00	9,009.00
48	4/29/2025	90.20	7,800.00	6,580.00	5,351.00	9,108.00
49	4/29/2025	90.50	7,735.00	7,120.00	5,746.00	9,063.00
50	4/30/2025	89.90	7,638.00	7,395.00	5,521.00	9,005.00
51	4/30/2025	89.90	7,686.00	8,815.00	5,564.00	9,076.00

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52	4/30/2025	89.90	7,511.00	7,224.00	5,060.00	9,222.00
53	4/30/2025	90.10	7,788.00	6,784.00	5,122.00	9,034.00
54	5/1/2025	90.10	7,563.00	7,106.00	5,336.00	9,087.00
55	5/1/2025	90.10	7,509.00	7,268.00	5,486.00	8,976.00
56	5/1/2025	90.10	7,565.00	6,978.00	5,188.00	9,011.00
57	5/1/2025	90.10	7,577.00	7,321.00	5,416.00	9,171.00
58	5/2/2025	90.10	7,494.00	6,826.00	5,358.00	8,857.00
59	5/2/2025	89.80	7,588.00	7,316.00	5,416.00	8,960.00
60	5/2/2025	90.10	7,413.00	7,355.00	5,378.00	8,990.00
61	5/3/2025	89.80	7,315.00	6,886.00	5,699.00	8,901.00
62	5/3/2025	90.20	7,391.00	5,937.00	5,708.00	8,975.00
63	5/3/2025	90.00	7,440.00	7,376.00	5,688.00	9,231.00
64	5/3/2025	90.20	7,142.00	6,797.00	5,333.00	8,961.00
65	5/4/2025	90.70	7,139.00	6,791.00	5,259.00	8,923.00
66	5/4/2025	90.00	7,360.00	7,027.00	6,180.00	8,631.00
67	5/4/2025	90.30	7,378.00	7,716.00	5,744.00	8,916.00
68	5/5/2025	91.00	7,333.00	7,288.00	5,222.00	8,916.00
69	5/5/2025	90.00	7,138.00	7,205.00	5,640.00	9,005.00
70	5/5/2025	89.90	7,158.00	7,357.00	5,899.00	9,567.00
71	5/6/2025	90.10	7,198.00	7,357.00	5,339.00	8,832.00
72	5/6/2025	90.20	7,229.00	8,068.00	4,773.00	9,465.00

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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:	47-033-06045-00-00
Operator Name:	Arsenal Resources
Well Name and Number:	D'ANNUNZIO 202
Latitude:	39.255202
Longitude:	-80.336445
Datum:	NAD83
Federal Well:	NO
Indian Well:	NO
True Vertical Depth:	7335.66
Total Base Water Volume (gal)*:	29320122
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	86.99771	None
			Crystalline silica, quartz	14808-60-7	100.00000	12.77002	None
			Water	7732-18-5	100.00000	0.12816	None
			Complex Amine Compound	Proprietary	60.00000	0.03982	None
			Hydrochloric acid	7647-01-0	35.00000	0.03552	None
			Hydrotreated light petroleum distillate	64742-47-8	30.00000	0.01991	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	0.01370	None
			Methanol	67-56-1	100.00000	0.01326	None
			Hydrotreated light petroleum distillates	64742-47-8	30.00000	0.00685	None
			Glutaraldehyde	111-30-8	30.00000	0.00684	None
			Ethoxylated alcohol	Proprietary	5.00000	0.00332	None
			Ammonium salt	Proprietary	5.00000	0.00332	None
			Ammonium chloride	12125-02-9	5.00000	0.00114	None
			Amides, tall-oil fatty, N,N-bis(hydroxyethyl)	68155-20-4	5.00000	0.00114	None
			Ethoxylated branched C13 alcohol	78330-21-9	5.00000	0.00114	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	0.00011	None
			Modified thiourea polymer	Proprietary	30.00000	0.00011	None

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			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

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

**D'ANNUNZIO PAD
WELL NO. 202
ARSENAL RESOURCES**

CURVE	RADIUS	ARC LENGTH	CHORD LENGTH	CHORD BEARING
C1	22.64'	20.92'	20.18'	S 33°12' W
C2	227.74'	67.84'	67.59'	S 00°19' W
C3	1356.73'	188.21'	188.06'	S 10°36' E
C4	4970.67'	454.60'	454.44'	S 16°37' 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	1-347-8	ROGER & BETTY PHILLIPS	93.36
C	1-347-10	ROBEY SCOTT ROBEY & R MICHAEL ROBEY	52.1
ROAD	N/A	COUNTY ROUTE 20/9	N/A
D	1-347-34	MARY SUSAN NUTTER	53.15
E	1-347-33	KURT G SKASIK & ANDREW SKASIK	93.35
F	1-347-35	W VA DIVISION OF NATURAL RESOURCES	378.32
G	1-347-89	W VA DIVISION OF NATURAL RESOURCES	62.24
H	1-367-37	W VA DIVISION OF NATURAL RESOURCES	160
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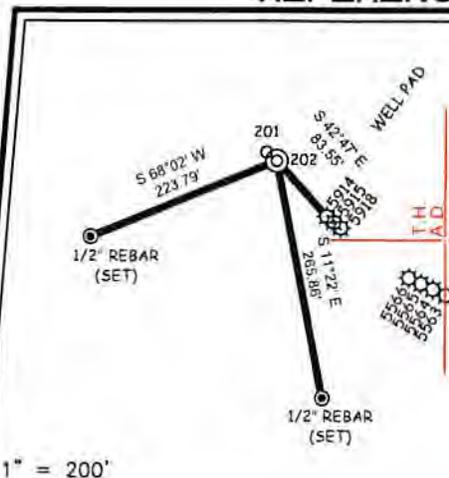
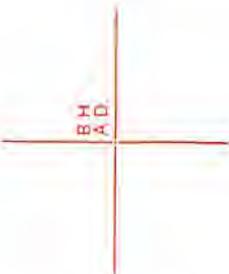
LEGEND

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)	A
LEASE # (SEE WW-6A1)	A

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

NAD'83 S.P.C.(FT)	N. 276,168.07	E. 1,731,845.55
NAD'83 GEO.	LAT-(N) 39.255202	LONG-(W) 80.336445
NAD'83 UTM (M)	N. 4,345,307.06	E. 557,251.69
LANDING POINT		
NAD'83 S.P.C.(FT)	N. 275,320.2	E. 1,731,348.8
NAD'83 GEO.	LAT-(N) 39.252867	LONG-(W) 80.337485
NAD'83 UTM (M)	N. 4,345,047.2	E. 557,165.6
BOTTOM HOLE		
NAD'83 S.P.C.(FT)	N. 261,898.6	E. 1,735,980.7
NAD'83 GEO.	LAT-(N) 39.216136	LONG-(W) 80.320676
NAD'83 UTM (M)	N. 4,340,981.7	E. 558,644.8

REFERENCES



NOTES ON SURVEY

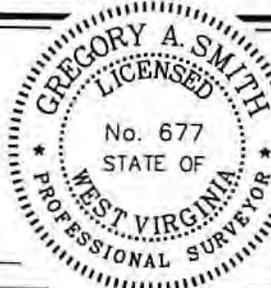
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- WELL SPOT CIRCLE & TOPD MARK SCALE ARE 1"=2000'
- PLAT UPDATED TO SHOW AS-DRILLED PATH.
- AS-DRILLED DATA PROVIDED BY ARSENAL RESOURCES.



12 Vardon Drive | P.O. Box 150 | Seneca, WV 26281 | 504-457-6634
1413 Rimaker Boulevard | Charleston, WV 25301 | 504-546-1892
234 East Shocky Evans | Charleston, WV 25301 | 504-255-2334
www.sls.com

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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. 202

API WELL NO. 47-033-06045
STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1 / 2500 FILE NO. 9483P202 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 X LIQUID INJECTION WASTE DISPOSAL IF "GAS" PRODUCTION X STORAGE DEEP SHALLOW X

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: 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 21,890.21' / TVD 7,250'

WELL OPERATOR ARSENAL RESOURCES

DESIGNATED AGENT ERIC MORRIS

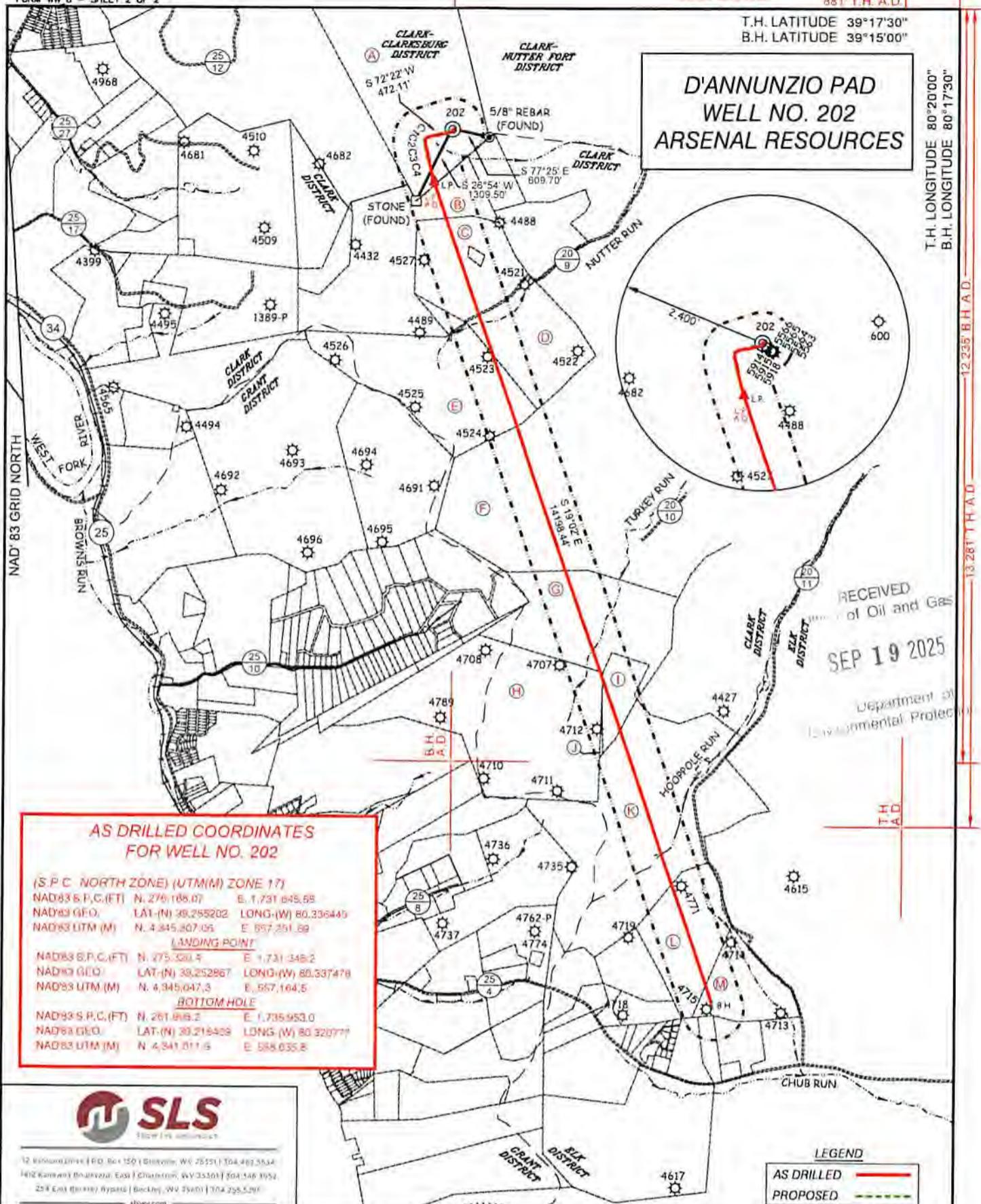
ADDRESS 6031 WALLACE RD. EXT. SUITE 200
WEXFORD, PA 15090

ADDRESS 633 WEST MAIN STREET
BRIDGEPORT, WV 26330

COUNTY NAME PERMIT

02/06/2026

**D'ANNUNZIO PAD
WELL NO. 202
ARSENAL RESOURCES**



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Department of
Environmental Protection

**AS DRILLED COORDINATES
FOR WELL NO. 202**

(S.P.C. NORTH ZONE) (UTMM) ZONE 17)

NAD83 S.P.C.(FT) N. 276,108.07 E. 1,731,845.55
NAD83 GEO. LAT.(N) 39.255202 LONG.(W) 80.336445
NAD83 UTM (M) N. 4,345,307.05 E. 557,251.89

LANDING POINT

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NAD83 GEO. LAT.(N) 39.252867 LONG.(W) 80.337478
NAD83 UTM (M) N. 4,345,047.3 E. 557,164.5

BOTTOM HOLE

NAD83 S.P.C.(FT) N. 261,898.2 E. 1,735,953.0
NAD83 GEO. LAT.(N) 39.216136 LONG.(W) 80.320777
NAD83 UTM (M) N. 4,341,811.5 E. 558,635.2

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254 East Brooke Avenue | Beckley, WV 25801 | 304.255.2267
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(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

P.S. 677 *Gregory A. Smith*

SCALE 1" = 2000' FILE NO. 9483P202 AD.dwg

DATE JANUARY 8 20 25
REVISED MAY 20 20 25

OPERATORS WELL NO. 202
API WELL NO. 47 - 033 - 06045
STATE COUNTY PERMIT

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

LEGEND

- LEASE LINE
- SURFACE LINE
- WELL LATERAL
- OFFSET LINE
- TIE LINE
- CREEK
- ROAD
- COUNTY ROUTE
- PROPOSED WELL
- EXISTING WELL
- PERMITTED WELL
- TAX MAP-PARCEL
- SURFACE OWNER (SEE TABLE)
- LEASE # (SEE WW-6A1)

02/06/2026
Gregory A. Smith
00-00
A

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. 202
ARSENAL RESOURCES**

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

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L	11-367-58	JARVIS FAMILY LLC	50.74
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- SURFACE OWNER (SEE TABLE) A
- LEASE # (SEE WW-6A1)

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

COORDINATE SYSTEM	NORTHING	EASTING
NAD'83 S.P.C.(FT)	N. 276,168.07	E. 1,731,645.55
NAD'83 GEO.	LAT-(N) 39.255202	LONG-(W) 80.336445
NAD'83 UTM (M)	N. 4,345,307.06	E. 557,251.69

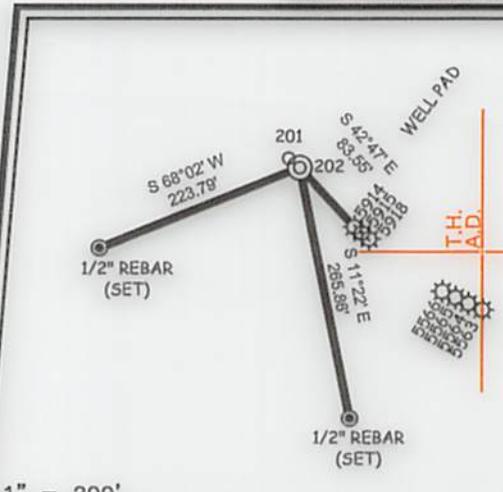
LANDING POINT

COORDINATE SYSTEM	NORTHING	EASTING
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BOTTOM HOLE

COORDINATE SYSTEM	NORTHING	EASTING
NAD'83 S.P.C.(FT)	N. 261,898.6	E. 1,735,980.7
NAD'83 GEO.	LAT-(N) 39.216136	LONG-(W) 80.320676
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REFERENCES



NOTES ON SURVEY

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- AS-DRILLED DATA PROVIDED BY ARSENAL RESOURCES.



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254 East Beckley Bypass | Beckley, WV 25801 | 304.255.5296
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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. 202
API WELL NO. 47-033-06045
STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1 / 2500 FILE NO. 9483P202 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

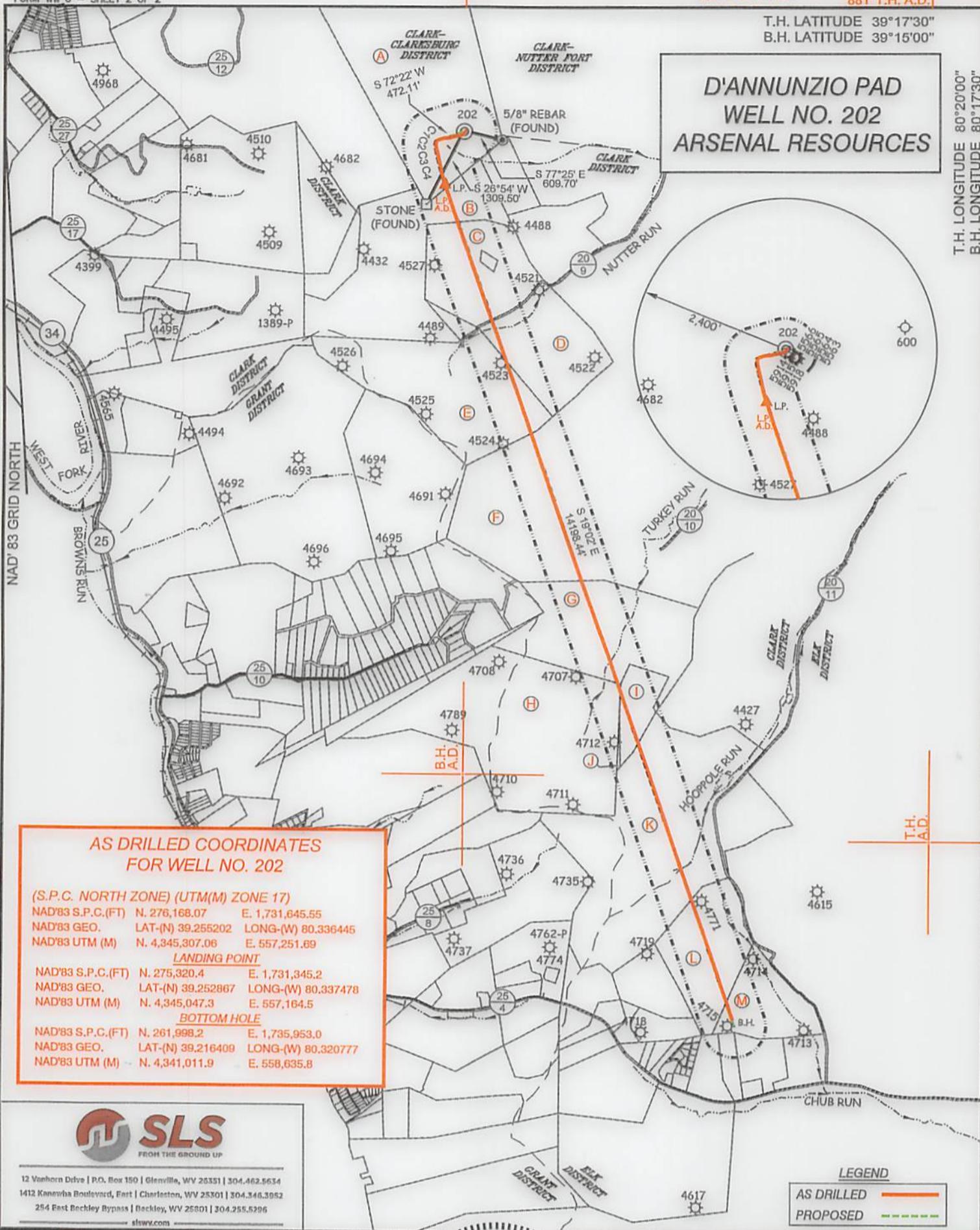
WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL IF "GAS" PRODUCTION STORAGE DEEP SHALLOW

LOCATION: ELEVATION 1118.00' WATERSHED TRIBUTARY TO NUTTER RUN
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SURFACE OWNER A & B MANAGEMENT LLC ACREAGE 199.03±
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 21,803' / TVD 7,336'

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. 202
ARSENAL RESOURCES**



**AS DRILLED COORDINATES
FOR WELL NO. 202**

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

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 254 East Beckley Bypass | Beckley, WV 25801 | 304.255.5296
 slsvw.com

LEGEND

AS DRILLED	
PROPOSED	

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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	
EXISTING WELL	
PERMITTED WELL	
TAX MAP-PARCEL	
SURFACE OWNER (SEE TABLE)	
LEASE # (SEE WW-6A1)	

SCALE 1" = 2000' FILE NO. 9483P202 AD R1.dwg

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

OPERATORS WELL NO. 202
 API WELL NO. 47-033-06045
 STATE COUNTY PERMIT

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

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