

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

API 47 - 091 - 01378 County Taylor District Courthouse
Quad Grafton Pad Name Armstrong II Field/Pool Name _____
Farm name Robert and Julie Armstong Well Number 212
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 4,349,462.20 Easting 579,053.24
Landing Point of Curve Northing 4,349,599.6 Easting 578,420.1
Bottom Hole Northing 4,353,304.3 Easting 577,080.8

Elevation (ft) 1293.80 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 02/26/2024 Date drilling commenced 03/07/2024 Date drilling ceased 09/07/2024
Date completion activities began 09/25/2025 ²⁰²⁴ Date completion activities ceased 02/25/2025
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 30', 100', 150', 250' 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 400', 1030' (from 4709101116) Cavern(s) encountered (Y/N) depths N
Is coal being mined in area (Y/N) N

APPROVED

Reviewed by:

HJK

6/25/2025
09/26/2025

API 47-091 - 01378 Farm name Robert and Julie Armstong Well number 212

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"	100' GL	New	94	NA	Y
Surface	17 1/2"	13 3/8"	968' GL	New	54.5	NA	Y
Coal	NA	NA	NA	NA	NA	NA	N
Intermediate 1	12 1/4"	9 5/8"	2,564' 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"	21,463 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	888	15.60	1.19	1,056.7	Surface	8+
Coal	NA	NA	NA	NA	NA	NA	NA
Intermediate 1	A	842	15.60	1.18	993.56	Surface	8+
Intermediate 2	NA	NA	NA	NA	NA	NA	NA
Intermediate 3	NA	NA	NA	NA	NA	NA	NA
Production	A	960/2735	14.0/14.5	1.41/1.24	1353.63/410.5	1,293'	8+
Tubing	NA	NA	NA	NA	NA	NA	NA

Drillers TD (ft) 21,491'(GL) Loggers TD (ft) NA
Deepest formation penetrated Marcellus Plug back to (ft) NA
Plug back procedure NA

Kick off depth (ft) 7,500'(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 on the 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

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09/26/2025

API 47- 091 - 01378 Farm name Robert and Julie Armstong Well number 212

[illegible]

Please insert additional pages as applicable.

STIMULATION INFORMATION PER STAGE

Complete a separate record for each stimulation stage.

[illegible]

Please insert additional pages as applicable.

09/26/2025

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PRODUCING FORMATION(S)

DEPTHS

Marcellus Shale 7656-7839 TVD 8118-21521 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 16,620 mcfpd Oil 0 bpd NGL 0 bpd Water 678 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	250	0	250	Freshwater @ 30', 100', 150', 250'
Sand/Silt/Coal*	250	1580	250	1580	Coal @ 400' & 1030' *based on 091-01116
Big Lime*	1580	1760	1580	1760	Limestone
Sand/Silt/Shale*	1760	2540	1760	2540	Sandstone, Siltstone, Shale
4th Sand*	2540	2596	2540	2596	Sandstone
Sand/Silt/Shale*	2596	4516	2596	4516	Sandstone, Siltstone, Shale
Benson*	4516	4598	4598	4598	Siltstone
Sand/Silt/Shale*	4598	7418	4598	7693	Sandstone, Siltstone, Shale
Burkett	7418	7431	7693	7710	Shale
Tully	7431	7489	7710	7788	Limestone
Mahantango	7489	7656	7788	8118	Shale
Marcellus	7656	7728	8118	8414	Shale
Lower Marcellus	7728	7771**	8414	21521	Shale
Onondaga	7771**				**Onondaga not penetrated - est based on 091-01116

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 Profrac

Address 333 Shops Boulevard City Willow Park State TX Zip 76087

Please insert additional pages as applicable.

Completed by Arsenal Resources

Telephone 724-940-1100

Signature  Title Geologist & Permitting Specialist Date 6/11/25

Submittal of Hydraulic Fracturing Chemical Disclosure Information

Attach copy of FRACFOCUS Registry

09/26/2025

WR-36
Rev. 5/08

Date: 6/11/25
Operators Well Number: Armstrong II 212
API Well No: 47-091 - 01378

State of West Virginia
Department of Environmental Protection
Office of Oil and Gas

Well Operator's Report of
Initial Gas-Oil Ratio

Well Operator Arsenal Resources LLC
Address 6031 Wallace Road Ext. Suite 200
Wexford, PA 15090

Designated Agent Eric Morris
Address 633 West Main Street
Bridgeport, WV 26330

Geological Target Formation: Marcellus Depth 7867 feet
Perforation Interval 8148-21445 feet

Guidelines for testing:

1. A minimum of gas vented or flared.
2. A 24 hour pre-flow into pipelines or tanks.
3. Uniform producing rate during the 24 hour test per test period.
4. Measurement standards as for Form WR-39, "Report of Annual Production" (see 35CSR4-15)
5. Separate Form WR-36 for each producing formation in a multiple completion.

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TEST DATA

Start of Test Date 2/23/25	Time 5:00 AM	End of Test Date 2/24/25	Time 6:00 AM	Duration of Test 24 Hrs
Tubing Pressure NA	Casing Pressure 1355	Separator Pressure 401	Separator Temperature 75	
Oil Production During Test BBLS	Gas Production During Test MCF	Water Production During Test BBls -Salinity		
Oil Gravity API	Producing Method (flowing, pumping, gas lift etc.) Flowing			

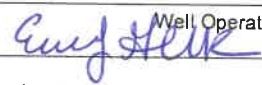
GAS PRODUCTION

Measurement Method Flange Tap ☒ Pipe Tap ☐ L-10 ☐		Positive Choke ☐
		Positive flow prover ☒
Orifice diameter	Pipe Diameter (inside)	Nominal Choke Size inches 48/64"
Differential Pressure range	Max. Static pressure range	Prover and Orifice diameter - inches 4.026" run with 3.0" orifice
Differential 118psi		Static
Gas Gravity (Air = 1.0) Measured Estimated	Flowing Temperature 75	Gas Temperature 98
24 Hour Coefficient	24 Hour coefficient pressure PSIA	

TEST RESULTS

Daily Oil 0	Daily Water 678 BBLs	Daily Gas 16620 MCF	Gas-Oil Ratio NA
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Arsenal Resources LLC

BY  Well Operator
ITS: Designated Agent

09/26/2025

Well Header

Well Name: Armstrong II 212

Orig KB Elev (ft): 1,324.00

County: Taylor

Datum:

Jobs

Job Cat: Completion/Workover

API/UWI: 47-091-01378

Water Depth (ft):

District:

Latitude (°): 39° 17' 27.283" N

Job Type: Initial Completion

Lease:

Lic Date:

Division:

Longitude (°): 80° 6' 33.037" W

Start Date: 9/25/2024

Pad Name: Armstrong II

Spud Date: 4/26/2024

Division Code:

UTM E (m):

End Date:

Operator: Arsenal Resources

RR Date: 4/29/2024

UTM N (m):

Well Type:

Well Subtype:

Perforations

Date	Top (ftKB)	Btm (ftKB)	Entered Shot Total	Zone
1/10/2025		8,148.00	8,310.00	40 Marcellus
1/10/2025		8,348.00	8,510.00	40 Marcellus
1/10/2025		8,548.00	8,710.00	40 Marcellus
1/9/2025		8,748.00	8,906.00	40 Marcellus
1/9/2025		8,948.00	9,110.00	40 Marcellus
1/8/2025		9,148.00	9,306.00	40 Marcellus
1/8/2025		9,348.00	9,510.00	40 Marcellus
1/8/2025		9,548.00	9,710.00	40 Marcellus
1/5/2025		9,745.00	9,910.00	40 Marcellus
1/5/2025		9,948.00	10,110.00	40 Marcellus
1/5/2025		10,148.00	10,306.00	40 Marcellus
1/5/2025		10,348.00	10,506.00	40 Marcellus
1/4/2025		10,548.00	10,712.00	40 Marcellus
1/4/2025		10,746.00	10,910.00	40 Marcellus
1/3/2025		10,948.00	11,110.00	40 Marcellus
1/3/2025		11,148.00	11,308.00	40 Marcellus
1/3/2025		11,348.00	11,510.00	40 Marcellus
1/2/2025		11,548.00	11,710.00	40 Marcellus
1/2/2025		11,748.00	11,910.00	40 Marcellus
1/2/2025		11,948.00	12,110.00	40 Marcellus
1/2/2025		12,148.00	12,310.00	40 Marcellus
1/1/2025		12,351.00	12,510.00	40 Marcellus
1/1/2025		12,548.00	12,710.00	40 Marcellus
1/1/2025		12,748.00	12,910.00	40 Marcellus
12/31/2024		12,948.00	13,110.00	40 Marcellus
12/31/2024		13,148.00	13,310.00	40 Marcellus
12/31/2024		13,348.00	13,510.00	40 Marcellus
12/31/2024		13,548.00	13,710.00	40 Marcellus
12/30/2024		13,748.00	13,910.00	40 Marcellus
12/30/2024		13,948.00	14,110.00	40 Marcellus
12/30/2024		14,148.00	14,310.00	40 Marcellus
12/29/2024		14,348.00	14,510.00	40 Marcellus
12/29/2024		14,548.00	14,710.00	40 Marcellus
12/29/2024		14,748.00	14,910.00	40 Marcellus
12/28/2024		14,948.00	15,110.00	40 Marcellus
12/28/2024		15,148.00	15,310.00	40 Marcellus
12/28/2024		15,348.00	15,510.00	40 Marcellus
12/28/2024		15,550.00	15,710.00	40 Marcellus
12/27/2024		15,748.00	15,910.00	40 Marcellus
12/27/2024		15,948.00	16,110.00	40 Marcellus

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12/27/2024	16,148.00	16,310.00	40 Marcellus
12/26/2024	16,348.00	16,510.00	40 Marcellus
12/26/2024	16,548.00	16,710.00	40 Marcellus
12/24/2024	16,748.00	16,910.00	40 Marcellus
12/24/2024	16,948.00	17,110.00	40 Marcellus
12/23/2024	17,148.00	17,310.00	40 Marcellus
12/23/2024	17,348.00	17,510.00	40 Marcellus
12/23/2024	17,551.00	17,710.00	40 Marcellus
12/22/2024	17,748.00	17,910.00	40 Marcellus
12/22/2024	17,951.00	18,110.00	40 Marcellus
12/22/2024	18,148.00	18,310.00	40 Marcellus
12/21/2024	18,346.00	18,510.00	40 Marcellus
12/21/2024	18,548.00	18,710.00	40 Marcellus
12/21/2024	18,746.00	18,910.00	40 Marcellus
12/20/2024	18,948.00	19,110.00	40 Marcellus
12/20/2024	19,148.00	19,310.00	40 Marcellus
12/20/2024	19,348.00	19,510.00	40 Marcellus
12/19/2024	19,548.00	19,710.00	40 Marcellus
12/19/2024	19,748.00	19,910.00	40 Marcellus
12/18/2024	19,950.00	20,110.00	40 Marcellus
12/18/2024	20,148.00	20,310.00	40 Marcellus
12/17/2024	20,350.00	20,510.00	40 Marcellus
12/17/2024	20,548.00	20,710.00	40 Marcellus
12/17/2024	20,748.00	20,910.00	40 Marcellus
12/17/2024	20,948.00	21,110.00	40 Marcellus
12/16/2024	21,148.00	21,310.00	40 Marcellus
10/1/2024	21,348.00	21,445.00	32 Marcellus

Stimulations Summary

Start Date: 12/16/2024

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	12/16/2024	85.60	10,229.60	10,999.00	5,754.00	252,000.00	7,613.00
2	12/16/2024	89.80	10,030.00	8,247.00	6,567.00	500,580.00	9,965.00
3	12/17/2024	80.60	9,495.00	6,267.00	5,919.00	472,100.00	9,566.00
4	12/17/2024	90.20	9,417.00	7,283.00	5,396.00	500,660.00	9,763.00
5	12/17/2024	90.10	9,800.00	6,940.00	5,383.00	500,300.00	9,755.00
6	12/17/2024	89.90	9,929.00	6,748.00	5,099.00	500,200.00	9,465.00
7	12/18/2024	89.90	9,799.00	7,796.00	6,427.00	500,520.00	9,539.00
8	12/19/2024	85.80	9,291.00	7,613.00	6,055.00	500,420.00	9,395.00
9	12/19/2024	85.20	9,230.00	6,305.00	4,942.00	501,300.00	10,223.00
10	12/19/2024	87.60	9,495.00	7,567.00	5,508.00	500,320.00	10,946.00
11	12/20/2024	86.00	9,437.00	7,245.00	6,470.00	500,820.00	9,183.00
12	12/20/2024	87.30	9,692.00	6,059.00	6,399.00	500,800.00	10,654.00
13	12/20/2024	90.20	9,665.00	7,435.00	5,326.00	500,440.00	9,514.00
14	12/21/2024	88.90	9,658.00	7,428.00	5,260.00	500,440.00	10,462.00
15	12/21/2024	90.20	9,642.00	7,429.00	5,436.00	500,280.00	9,313.00
16	12/21/2024	90.10	9,467.00	6,123.00	6,538.00	500,980.00	9,082.00
17	12/22/2024	90.10	9,465.00	6,996.00	6,242.00	496,260.00	9,341.00
18	12/22/2024	89.70	9,323.00	7,210.00	5,188.00	427,000.00	8,413.00

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19	12/23/2024	89.30	9,618.00	7,218.00	5,199.00	393,880.00	8,424.00
20	12/23/2024	89.50	9,760.00	7,130.00	4,898.00	389,820.00	7,976.00
21	12/23/2024	90.20	9,444.00	6,867.00	5,932.00	450,000.00	8,775.00
22	12/23/2024	90.00	9,454.00	6,819.00	5,218.00	470,000.00	8,930.00
23	12/24/2024	86.00	9,850.00	6,857.00	4,627.00	421,640.00	10,545.00
24	12/26/2024	88.90	9,424.00	7,052.00	6,570.00	497,400.00	10,167.00
25	12/26/2024	89.90	9,328.00	6,726.00	6,846.00	500,900.00	9,818.00
26	12/27/2024	89.90	9,247.00	6,882.00	6,345.00	500,200.00	9,598.00
27	12/27/2024	89.10	9,240.00	6,873.00	5,896.00	490,800.00	9,348.00
28	12/27/2024	89.50	9,407.00	7,310.00	4,809.00	450,000.00	8,843.00
29	12/27/2024	89.70	9,290.00	6,910.00	6,101.00	442,000.00	9,471.00
30	12/28/2024	89.30	9,079.00	7,019.00	6,216.00	503,100.00	9,248.00
31	12/28/2024	89.80	8,881.00	7,397.00	6,626.00	500,700.00	9,310.00
32	12/28/2024	87.70	9,368.00	7,569.00	5,801.00	499,700.00	10,624.00
33	12/29/2024	89.70	9,072.00	7,231.00	5,439.00	500,320.00	9,072.00
34	12/29/2024	94.30	9,826.00	7,277.00	6,524.00	501,100.00	9,316.00
35	12/29/2024	94.70	9,538.00	6,965.00	6,816.00	500,960.00	9,172.00
36	12/29/2024	87.70	9,843.00	5,555.00	6,447.00	382,100.00	10,578.00
37	12/30/2024	94.50	9,716.00	7,315.00	5,835.00	502,900.00	10,377.00
38	12/30/2024	94.90	9,677.00	7,573.00	5,616.00	500,200.00	9,431.00
39	12/30/2024	94.60	9,773.00	7,014.00	5,875.00	500,150.00	10,038.00
40	12/31/2024	94.80	9,630.00	6,364.00	5,518.00	500,280.00	9,330.00
41	12/31/2024	93.90	9,965.00	7,199.00	5,753.00	500,280.00	11,060.80
42	12/31/2024	78.90	8,065.00	7,386.00	5,860.00	499,500.00	10,001.00
43	1/1/2025	94.70	9,449.00	7,507.00	5,940.00	500,600.00	9,596.00
44	1/1/2025	94.20	9,245.00	7,096.00	5,531.00	500,220.00	9,344.00
45	1/1/2025	94.00	9,612.00	7,255.00	5,045.00	499,200.00	10,347.00
46	1/1/2025	95.00	9,008.00	7,145.00	5,429.00	499,850.00	9,361.00
47	1/2/2025	95.10	9,320.00	8,245.00	6,017.00	506,120.00	9,450.00
48	1/2/2025	94.90	8,742.00	7,299.00	5,775.00	500,100.00	9,236.00
49	1/2/2025	95.00	8,846.00	7,559.00	5,273.00	500,450.00	9,420.00
50	1/3/2025	95.00	8,764.00	6,793.00	5,447.00	500,100.00	9,312.00
51	1/3/2025	94.70	8,888.00	6,673.00	5,787.00	500,280.00	9,267.00
52	1/3/2025	94.60	8,868.00	6,804.00	5,695.00	500,340.00	9,310.00
53	1/4/2025	93.80	8,758.00	6,761.00	5,537.00	500,320.00	9,569.00
54	1/4/2025	94.60	8,962.00	6,759.00	5,593.00	500,180.00	10,055.00
55	1/5/2025	89.70	8,877.00	6,871.00	5,450.00	500,150.00	9,231.00
56	1/5/2025	90.10	9,374.00	7,076.00	5,139.00	500,100.00	9,874.00
57	1/5/2025	89.80	8,671.00	6,685.00	4,973.00	500,450.00	9,256.00
58	1/6/2025	89.90	9,002.00	7,304.00	5,193.00	499,850.00	9,189.00
59	1/7/2025	90.00	8,866.00	7,391.00	5,390.00	499,490.00	9,284.00
60	1/8/2025	90.20	8,531.00	6,751.00	5,290.00	500,120.00	9,394.00
61	1/8/2025	89.30	8,707.00	6,747.00	6,565.00	500,700.00	9,551.00
62	1/9/2025	89.80	8,299.00	6,433.00	5,284.00	500,160.00	9,001.00
63	1/9/2025	90.30	8,311.00	7,046.00	5,346.00	501,000.00	9,113.00
64	1/10/2025	90.10	8,346.00	6,648.00	5,275.00	500,020.00	9,644.00
65	1/10/2025	90.20	8,476.00	7,603.00	5,359.00	500,180.00	9,846.00
66	1/10/2025	90.00	8,083.00	7,191.00	5,662.00	499,400.00	9,503.00
67	1/11/2025	90.50	8,329.00	8,034.00	5,423.00	513,860.00	9,390.00

09/26/2025

Fracture Start Date/Time:	12/16/24 0:00
Fracture End Date/Time:	1/11/25 0:00
State:	West Virginia
County:	Taylor County
API Number:	47-091-01378-00-00
Operator Number:	A1711739
Well Name:	Armstrong II 212
Federal Well:	No
Tribal Well:	No
Longitude:	-80.0833
Latitude:	39.290924
Long/Lat Projection:	NAD27
True Vertical Depth (TVD):	7,795'
Total Clean Fluid Volume* (gal):	28,524,300
Water Source:	Other,
Water Source TDS:	> 1000TDS
Water Source Percent:	100



Must use Dropdown (DO NOT HAND TYPE)
If Produced water is selected, leave TDS value Blank
< = less than
> = greater than

Additive	Specific Gravity	Additive Quantity	Mass (lbs)	
Water	1.00	28,524,300	238,035,284	gal
-	-	-	-	-
Hydrochloric Acid (15%)	1.08	4,000	36,050	gal
Hydrochloric Acid (7.5%)	1.04	132,000	1,142,848	gal
Acid Pack Pro LT	1.10	624	5,728	gal
-	-	-	-	-
Sand (100 Mesh Proppant)	2.65	16,640,600	16,640,600	lb
Sand (40/70 White Proppant)	2.65	15,935,990	15,935,990	lb
-	-	-	-	-
StimSTREAM FR 9750	1.10	24,638	226,165	gal
BioSuiteGQ123X	1.02	6,668	56,757	gal
ProChek 170	1.00	2,903	24,226	gal
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
Total Slurry Mass (Lbs)				272,103,647

Ingredients Section:

Trade Name	Supplier	Purpose	Ingredients	Chemical Abstract Service Number (CAS #)	Maximum Ingredient Concentration in Additive (% by mass)**	Mass per Component (LBS)	Maximum Ingredient Concentration in HF Fluid (% by mass)**	Comments
Water	Operator	Carrier/Base Fluid	Water	7732-18-5	100.00%	238,035,284	87.54292%	Water
Hydrochloric Acid (15%)	Cooper Natur	Acidizing	Hydrochloric Acid	7647-01-0	15.00%	5,408	0.00199%	Hydrochloric Acid (15%)
			Water	7732-18-5	85.00%	30,643	0.01126%	Hydrochloric Acid (15%)
Hydrochloric Acid (7.5%)	Cooper Natur	Acidizing	Hydrochloric Acid	7647-01-0	7.50%	85,714	0.03150%	Hydrochloric Acid (7.5%)
			Water	7732-18-5	92.50%	1,057,134	0.38850%	Hydrochloric Acid (7.5%)
Acid Pack Pro LT	ProFrac	Acid Inhibitor	Isotridecanol, ethoxylated	69011-36-5	1.75%	100	0.00004%	Acid Pack Pro LT
			Alcohols, C12 - 14 secondary, ethoxylated	84133-50-6	8.00%	458	0.00017%	Acid Pack Pro LT
			Methyl 9-decenoate	25601-41-6	1.00%	57	0.00002%	Acid Pack Pro LT
			Methyl 9-dodecenoate	39202-17-0	1.00%	57	0.00002%	Acid Pack Pro LT
			Sodium xylene sulfonate	1300-72-7	0.25%	14	0.00001%	Acid Pack Pro LT
			Caric Acid	77-91-9	10.00%	573	0.00021%	Acid Pack Pro LT
			Pyridinium, 1-(phenylmethyl)-, Et Me derivs, chloride	68909-18-2	25.00%	1,432	0.00053%	Acid Pack Pro LT
			Ethylene glycol	107-21-1	42.00%	2,406	0.00088%	Acid Pack Pro LT
			Water	7732-18-5	5.00%	286	0.00011%	Acid Pack Pro LT
			2-Propenal, 3-phenyl	104-55-2	4.00%	229	0.00008%	Acid Pack Pro LT
			Methanol	67-56-1	2.00%	115	0.00004%	Acid Pack Pro LT
Sand (100 Mesh Proppant)	ProFrac	Proppant	Crystalline Silica (quartz)	14808-60-7	100.00%	16,640,600	6.11554%	Sand (100 Mesh Proppant)
Sand (40/70 White Proppant)	ProFrac	Proppant	Crystalline Silica (quartz)	14808-60-7	100.00%	15,935,990	5.85659%	Sand (40/70 White Proppant)
StimSTREAM FR 9750	Chemstream	Friction Reducer	Petroleum distillates, hydrotreated light	64742-47-8	25.00%	56,541	0.02078%	StimSTREAM FR 9750
			Alcohols, C11-14, ethoxylated	78330-21-9	5.00%	11,308	0.00416%	StimSTREAM FR 9750
BioSuiteGQ123X	ProFrac	Biocide	glutaral	111-30-8	15.00%	8,514	0.00313%	BioSuiteGQ123X
			Quaternary ammonium compounds,benzyl-C12-16-alk	68424-85-1	5.00%	2,838	0.00104%	BioSuiteGQ123X
ProChek 170	ProFrac	Scale Inhibitor	Methyl alcohol	67-56-1	5.00%	1,211	0.00045%	ProChek 170

*Total Water Volume sources may include fresh water, produced water, and/or recycled water
** Information is based on the maximum potential for concentration and thus the total may be over 100%
All component information

RECEIVED
Office of Oil and Gas
JUN 13 2025
WV Department of
Environmental Protection

RECEIVED
Office of Oil and Gas
20025

JUN 13 2025

WV Department of
Environmental Protection

[illegible]

09/26/2025

ARMSTRONG II LEASE
WELL NO. 212
ARSENAL RESOURCES

LEGEND

AS DRILLED

PROPOSED

T.H. LATITUDE 39°17'30"
B.H. LATITUDE 39°20'00"T.H. LONGITUDE 80°02'30"
B.H. LONGITUDE 80°05'00"

2,774' B.H. A.D.

AS DRILLED COORDINATES
FOR WELL NO. 212

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

NAD'83 S.P.C.(FT) N. 288,612.70 E. 1,803,411.31
NAD'83 GEO. LAT-(N) 39.290926 LONG-(W) 80.083300
NAD'83 UTM (M) N. 4,349,462.20 E. 579,053.24

LANDING POINT

NAD'83 S.P.C.(FT) N. 289,098.1 E. 1,801,341.3
NAD'83 GEO. LAT-(N) 39.292221 LONG-(W) 80.090625
NAD'83 UTM (M) N. 4,349,599.6 E. 578,420.1

BOTTOM HOLE

NAD'83 S.P.C.(FT) N. 301,327.3 E. 1,797,148.8
NAD'83 GEO. LAT-(N) 39.325719 LONG-(W) 80.105730
NAD'83 UTM (M) N. 4,353,304.3 E. 577,080.8

LINE TABLE

LINE	BEARING	DISTANCE
L1	N 89°41' W	816.80'
L2	S 66°16' W	733.74'
L3	S 87°03' E	500.03'
L4	S 12°29' E	647.40'

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

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

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NAD'83 UTM (M) N. 4,349,462.20 E. 579,053.24

LANDING POINT

NAD'83 S.P.C.(FT) N. 288,836.1 E. 1,801,428.2
NAD'83 GEO. LAT-(N) 39.291503 LONG-(W) 80.090312
NAD'83 UTM (M) N. 4,349,520.2 E. 578,447.9

BOTTOM HOLE

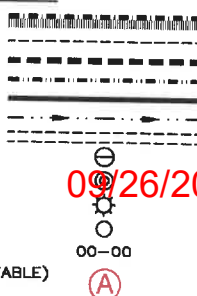
NAD'83 S.P.C.(FT) N. 301,269.6 E. 1,797,141.0
NAD'83 GEO. LAT-(N) 39.325561 LONG-(W) 80.105755
NAD'83 UTM (M) N. 4,353,286.6 E. 577,078.7

(+) 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)

COUNTY NAME

PERMIT

09/26/2025

SCALE 1" = 2000' FILE NO. 9111-Arsenal-SURV-Plat212ac-RD1-250516-CPM.d

DATE JANUARY 10, 2024
REVISED MAY 16, 2025

OPERATORS WELL NO. 212

API WELL 47

NO. STATE COUNTY PERMIT

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

WELL OPERATOR ARSENAL RESOURCES

ADDRESS 6031 WALLACE RD. EXT. SUITE 300
WEXFORD, PA 15090

DESIGNATED AGENT ERIC MORRIS

ADDRESS 633 WEST MAIN STREET
BRIDGEPORT, WV 26330

**ARMSTRONG II LEASE
WELL NO. 212
ARSENAL RESOURCES**T.H. LATITUDE 39°17'30"
B.H. LATITUDE 39°20'00"T.H. LONGITUDE 80°02'30"
B.H. LONGITUDE 80°05'00"270' T.H. A.D.
2,774' B.H. A.D.

TAG	SURFACE OWNER	PARCEL	ACRES
A	ROBERT L. & JULIE A. ARMSTRONG	5-12-1	65.375
B	ROBERT L. & JULIE A. ARMSTRONG	5-12-90	5.00
C	TINA L. FREEZE	5-13-15	14.98
D	JASON MATTHEW SINGLETON	5-13-13.7	4.99
E	LEROY & ROBIN STANLEY	5-13-13.2	5
F	JOSHUA AARON & BRITTANY ELAINE WININGER	5-13-13.8	63.60
G	TRINA RAGER	5-8-31	10.34
H	TRINA RAGER	5-13-13.5	5.72
I	TRINA RAGER	5-8-24	35.36
J	TRINA RAGER	5-8-12.1	0.34
K	MICHAEL EUGENE & BETH ANN WININGER	5-8-12	14.92
L	TRINA RAGER	5-8-23	1.1
M	MICHAEL EUGENE & BETH ANN WININGER	5-8-13	16.74
N	THOMAS H ADKINS JR	5-8-22.1	1.29
O	HAROLD THOMAS & MARY LOU ADKINS	5-8-22	34.77
P	ARK LAND COMPANY	5-8-21	66.95
Q	ARK LAND LLC	5-8-15	106.82
R	ARK LAND COMPANY	5-8-14	17.00
S	ARK LAND COMPANY	5-8-20	23
T	ARK LAND COMPANY	5-8-16	1.581
U	RODNEY E. & LINDA S. MCQUAIN	5-8-30	62.54
V	STATE OF WEST VIRGINIA INDUSTRIAL SCHOOL FOR BOYS	5-5-15	913.69

B.H.
A.D.

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

NAD'83 S.P.C.(FT) N. 288,612.70 E. 1,803,411.31
NAD'83 GEO. LAT-(N) 39.290926 LONG-(W) 80.083300
NAD'83 UTM (M) N. 4,349,462.20 E. 579,053.24

LANDING POINT

NAD'83 S.P.C.(FT) N. 288,836.1 E. 1,801,428.2
NAD'83 GEO. LAT-(N) 39.291503 LONG-(W) 80.090312
NAD'83 UTM (M) N. 4,349,520.2 E. 578,447.9

BOTTOM HOLE

NAD'83 S.P.C.(FT) N. 301,269.6 E. 1,797,141.0
NAD'83 GEO. LAT-(N) 39.325561 LONG-(W) 80.105755
NAD'83 UTM (M) N. 4,353,286.6 E. 577,078.7

CURVE	RADIUS	ARC LENGTH	CHORD LENGTH	CHORD BEARING
C1	246.83'	103.48'	102.72'	S 77°12'11" W
C2	75.30'	49.53'	48.64'	N 89°21'28" W
C3	215.03'	94.63'	93.87'	N 56°17'36" W
C4	659.13'	136.68'	136.44'	N 39°09'19" W
C5	1755.36'	420.86'	419.85'	N 25°37'54" W

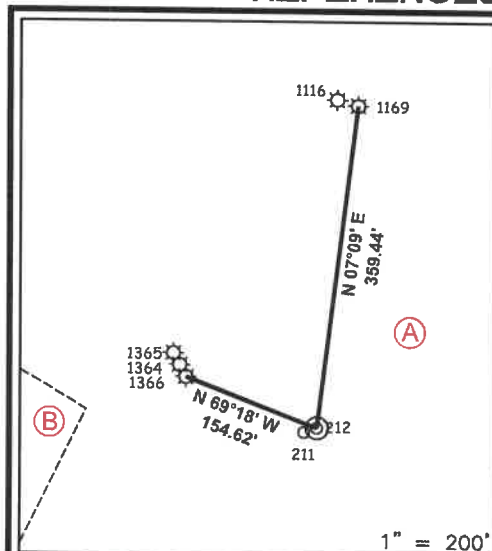
PARCEL	ADJOINING SURFACE OWNER	ACRES
3-16-62	ERNEST C. HAWKINBERRY (LIFE), ET AL	55.60
3-20-4.1	CHADWICK L & TOSHA N MORRIS	11.97
5-5-15.5	STATE OF WEST VIRGINIA (WV DEPT OF AGRICULTRE)	6.62
5-5-13	LARRY MCDANIEL (HEIRS) IN C/O MICHAEL E MCDANIEL	4.98
5-8-17	ARK LAND LLC	1.735
5-8-21.1	DIANNA LEONELLI C/O ARK LAND LLC	1.05
5-12-3	ROBERT L. JR. & PATRICIA LYNN CARPENTER	117.94
5-12-33.1	HARRY V. & PATRICIA J. JOHNSON	89.30
5-12-35.2	MARIE ELEANORE & KEITH QUEEN (LIFE), ET AL	2.00
5-13-13	MICHAEL EUGENE & BETH ANN WININGER	1.57
5-13-13.1	JERRY LEE JR & MARSHA A WELCH	5.03
5-13-13.6	PETER J & TONYA J SHIPP	5.77
5-12-34.1	BOW SMITH	4.825
5-12-34	TIMOTHY E. CORROTHERS	7
5-13-16	GARY LEE BOLYARD ET AL	18.48
5-13-15.1	GARY LEE BOLYARD ET AL	43.41

NOTES ON SURVEY

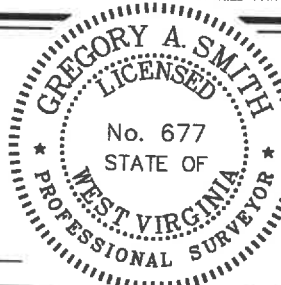
1. NO WATER WELLS WERE FOUND WITHIN 250' OF PROPOSED GAS WELL. NO AGRICULTURAL BUILDINGS > 2500 SQ. FT. OR DWELLINGS WERE FOUND WITHIN 625' OF THE CENTER OF PROPOSED WELL PAD.
2. WELL SPOT CIRCLE & TOPO MARK SCALE ARE 1"=2000'
3. THERE IS ONE (1) HOUSE TRAILER AND ONE (1) HUNTING CABIN WITHIN WITHIN 625 FEET. NEITHER STRUCTURE APPEAR TO BE OCCUPIED AND THE HOUSE TRAILER APPEARS TO BE DILAPIDATED.
4. AS-DRILLED DATA PROVIDED BY ARSENAL RESOURCES
5. PLAT UPDATED TO SHOW AS-DRILLED PATH.

12 Vanhorn Drive | P.O. Box 1501 | 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
slsww.com

REFERENCES



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

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

DATE JANUARY 10, 20 24

REVISED MAY 16, 20 25

OPERATORS WELL NO. 212

API WELL NO. 47

STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1 / 2500 FILE NO. 9111-Arsenal-SURV-Plat212ad-R01-250516-CPM.dwg

HORIZONTAL & VERTICAL SCALE 1" = 2000'
CONTROL DETERMINED BY: DGPS (SURVEY GRADE TIE TO CORS NETWORK)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: EXISTING = 1294.20' ELEVATION PROPOSED = 1294.45' WATERSHED LONG RUN

DISTRICT COURTHOUSE COUNTY TAYLOR QUADRANGLE GRAFTON

SURFACE OWNER ROBERT L. & JULIE A. ARMSTRONG ACREAGE 65.375±

ROYALTY OWNER ROBERT L. & JULIE A. ARMSTRONG ET AL ACREAGE 65.375±

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 21,507.8 / TVD 7,725'

WELL OPERATOR ARSENAL RESOURCES

DESIGNATED AGENT ERIC MORRIS

ADDRESS 6031 WALLACE RD. EXT. SUITE 300
WEXFORD, PA 15090ADDRESS 633 WEST MAIN STREET
BRIDGEPORT, WV 26330

COUNTY NAME

PERMIT

09/26/2025

**ARMSTRONG II LEASE
WELL NO. 212
ARSENAL RESOURCES****LEGEND**AS DRILLED ———
PROPOSED - - - - -

11,783' T.H. A.D.

6,336' B.H. A.D.

T.H. LATITUDE 39°17'30"
B.H. LATITUDE 39°20'00"T.H. LONGITUDE 80°02'30"
B.H. LONGITUDE 80°05'00"270' T.H. A.D.
2,774' B.H. A.D.

NAD'83 GRID NORTH

LINE TABLE		
LINE	BEARING	DISTANCE
L1	N 89°41' W	816.80'
L2	S 66°16' W	733.74'
L3	S 87°03' E	500.03'
L4	S 12°29' E	647.40'

12 Vanhorn Drive | P.O. Box 150 | Glenville, WV 26351 | 304.462.5834
1412 Kanawha Boulevard, East | Charleston, WV 25301 | 304.346.3962
254 East Beckley Bypass | Beckley, WV 25801 | 304.255.5296
slsvv.com

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

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LANDING POINT

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BOTTOM HOLE

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NAD'83 UTM (M) N. 4,353,286.6 E. 577,078.7

SCALE 1" = 2000' FILE NO. 9111-Arsenal-SURV-Plat212nd-R02-250628-CPM.dwg

DATE JANUARY 10, 2024
REVISED MAY 28, 2025OPERATORS WELL NO. 212
API WELL NO. 47 — 091 — 01378
STATE COUNTY PERMITWELL OPERATOR ARSENAL RESOURCES
ADDRESS 6031 WALLACE RD. EXT. SUITE 300
WEXFORD, PA 15090STATE OF WEST VIRGINIA
DIVISION OF
ENVIRONMENTAL PROTECTION
OFFICE OF OIL AND GAS

DESIGNATED AGENT ERIC MORRIS

ADDRESS 633 WEST MAIN STREET
BRIDGEPORT, WV 26330**AS DRILLED COORDINATES
FOR WELL NO. 212**

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

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BOTTOM HOLE

NAD'83 S.P.C.(FT) N. 301,327.3 E. 1,797,148.8
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(*) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

P.S.
677

Gregory A. Smith

LEGENDLEASE 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) ———

09/26/2025

COUNTY NAME
PERMIT

T.H. A.D.

11,783' T.H. A.D.

6,336' B.H. A.D.

**ARMSTRONG II LEASE
WELL NO. 212
ARSENAL RESOURCES**T.H. LATITUDE 39°17'30"
B.H. LATITUDE 39°20'00"T.H. LONGITUDE 80°02'30"
B.H. LONGITUDE 80°05'00"270' T.H. A.D.
2,774' B.H. A.D.

TAG	SURFACE OWNER	PARCEL	ACRES
A	ROBERT L. & JULIE A. ARMSTRONG	5-12-1	65.375
B	ROBERT L. & JULIE A. ARMSTRONG	5-12-90	5.00
C	TINA L. FREEZE	5-13-15	14.98
D	JASON MATTHEW SINGLETON	5-13-13.7	4.99
E	LEROY & ROBIN STANLEY	5-13-13.2	5
F	JOSHUA AARON & BRITTANY BLAINE WININGER	5-13-13.8	63.60
G	TRINA RAGER	5-8-31	10.34
H	TRINA RAGER	5-13-13.5	5.72
I	TRINA RAGER	5-8-24	35.36
J	TRINA RAGER	5-8-12.1	0.34
K	MICHAEL EUGENE & BETH ANN WININGER	5-8-12	14.92
L	TRINA RAGER	5-8-23	1.1
M	MICHAEL EUGENE & BETH ANN WININGER	5-8-13	16.74
N	THOMAS H ADKINS JR.	5-8-22.1	1.29
O	HAROLD THOMAS & MARY LOU ADKINS	5-8-22	34.77
P	ARK LAND COMPANY	5-8-21	66.95
Q	ARK LAND LLC	5-8-15	106.82
R	ARK LAND COMPANY	5-8-14	17.00
S	ARK LAND COMPANY	5-8-20	23
T	ARK LAND COMPANY	5-8-16	1.581
U	RODNEY E. & LINDA S. MCQUAIN	5-8-30	62.54
V	STATE OF WEST VIRGINIA INDUSTRIAL SCHOOL FOR BOYS	5-5-15	913.69

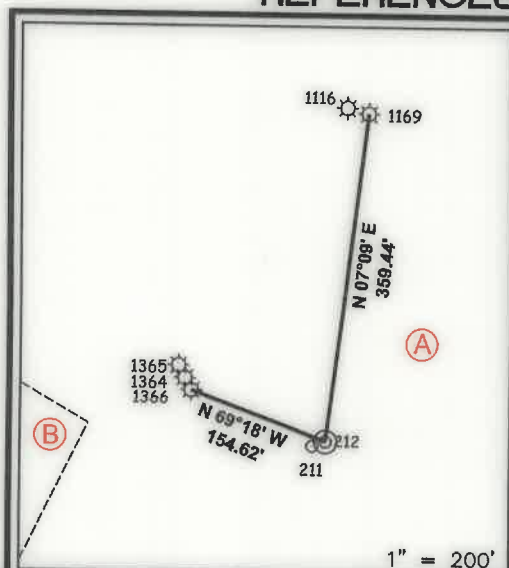
B.H.
A.D.**(S.P.C. NORTH ZONE) (UTM(M) ZONE 17)**NAD'83 S.P.C.(FT) N. 288,612.70 E. 1,803,411.31
NAD'83 GEO. LAT-(N) 39.290926 LONG-(W) 80.083300
NAD'83 UTM (M) N. 4,349,462.20 E. 579,053.24**LANDING POINT**NAD'83 S.P.C.(FT) N. 288,836.1 E. 1,801,428.2
NAD'83 GEO. LAT-(N) 39.291503 LONG-(W) 80.090312
NAD'83 UTM (M) N. 4,349,520.2 E. 578,447.9**BOTTOM HOLE**NAD'83 S.P.C.(FT) N. 301,269.8 E. 1,797,141.0
NAD'83 GEO. LAT-(N) 39.325561 LONG-(W) 80.105755
NAD'83 UTM (M) N. 4,353,286.6 E. 577,078.7

CURVE	RADIUS	ARC LENGTH	CHORD LENGTH	CHORD BEARING
C1	246.83'	103.48'	102.72'	S 77°12'11" W
C2	75.30'	49.53'	48.64'	N 89°21'28" W
C3	215.03'	94.63'	93.87'	N 56°17'36" W
C4	659.13'	136.68'	136.44'	N 39°09'19" W
C5	1755.36'	420.86'	419.85'	N 25°37'54" W

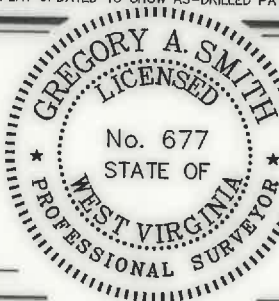
PARCEL	ADJOINING SURFACE OWNER	ACRES
3-16-62	ERNEST C. HAWKINBERRY (LIFE), ET AL	55.60
3-20-4.1	CHADWICK L. & TOSHA N MORRIS	11.97
5-5-15.5	STATE OF WEST VIRGINIA (WV DEPT OF AGRICULTURE)	6.62
5-5-13	LARRY MCDANIEL (HEIRS) IN C/O MICHAEL E MCDANIEL	4.98
5-8-17	ARK LAND LLC	1.735
5-8-21.1	DIANNA LEONELLI C/O ARK LAND LLC	1.05
5-12-3	ROBERT L. JR. & PATRICIA LYNN CARPENTER	117.94
5-12-33.1	HARRY V. & PATRICIA J. JOHNSON	89.30
5-12-35.2	MARIE ELEANORE & KEITH QUEEN (LIFE), ET AL	2.00
5-13-13	MICHAEL EUGENE & BETH ANN WININGER	1.57
5-13-13.1	JERRY LEE JR & MARSHA A WELCH	5.03
5-13-13.6	PETER J & TONYA J SHIPP	5.77
5-12-34.1	BOW SMITH	4.825
5-12-34	TIMOTHY E. CORROTHERS	7
5-13-16	GARY LEE BOLYARD ET AL	18.48
5-13-15.1	GARY LEE BOLYARD ET AL	43.41

NOTES ON SURVEY

1. 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.
2. WELL SPOT CIRCLE & TOPO MARK SCALE ARE 1"=2000'
3. THERE IS ONE (1) HOUSE TRAILER AND ONE (1) HUNTING CABIN WITHIN 625 FEET. NEITHER STRUCTURE APPEAR TO BE OCCUPIED AND THE HOUSE TRAILER APPEARS TO BE DILAPIDATED.
4. AS-DRILLED DATA PROVIDED BY ARSENAL RESOURCES
5. PLAT UPDATED TO SHOW AS-DRILLED PATH.

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**REFERENCES**

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 10, 20 24

REVISED MAY 28, 20 25

OPERATORS WELL NO. 212

API WELL NO. 47 - 091 - 01378
STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1 / 2500 FILE NO. 9111-Arsenal-SURV-Plat212ad-R02-250528-CPM.dwg

HORIZONTAL & VERTICAL SCALE 1" = 2000'
CONTROL DETERMINED BY: DGPS (SURVEY GRADE TIE TO CORS NETWORK)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 1294.20' WATERSHED LONG RUN

DISTRICT COURTHOUSE COUNTY TAYLOR

QUADRANGLE GRAFTON

SURFACE OWNER ROBERT L. & JULIE A. ARMSTRONG

ACREAGE 65.375±

ROYALTY OWNER ROBERT L. & JULIE A. ARMSTRONG ET AL

ACREAGE 65.375±

PROPOSED WORK:

LEASE NO. SEE WW-041

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 21,527 / TVD 7,830'

WELL OPERATOR ARSENAL RESOURCES

DESIGNATED AGENT ERIC MORRIS

ADDRESS 6031 WALLACE RD. EXT. SUITE 300
WEXFORD, PA 15090ADDRESS 833 WEST MAIN STREET
BRIDGEPORT, WV 26330

COUNTY NAME

PERMIT