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

Friday, May 8, 2026
PERMIT MODIFICATION APPROVAL
Horizontal 6A / New Drill

ARSENAL RESOURCES LLC
6031 WALLACE RD. EXT. SUITE 200

WEXFORD, PA 15090

Re: Permit Modification Approval for SLH 212
47-033-06128-00-00

Extending Lateral

ARSENAL RESOURCES LLC

The Office of Oil and Gas has reviewed the attached permit modification for the above referenced permit. The attached modification has been approved and well work may begin. Please be reminded that the oil and gas inspector is to be notified twenty-four (24) hours before 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:	SLH 212
Farm Name:	JERRY R. NEWBROUGH
U.S. WELL NUMBER:	47-033-06128-00-00
Horizontal 6A	New Drill
Date Modification Issued:	5-8-2026

05/08/2026

WW-6B
(04/15)

API NO. 47- 033 - 06128
OPERATOR WELL NO. 212
Well Pad Name: SLH

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

1) Well Operator: Arsenal Resources	494519412	Harrison	Simpson	Brownton
	Operator ID	County	District	Quadrangle

2) Operator's Well Number: 212 Well Pad Name: SLH

3) Farm Name/Surface Owner: Newbrough Public Road Access: C.R. 23/9

4) Elevation, current ground: 1042' Elevation, proposed post-construction: 1045'

5) Well Type (a) Gas X Oil _____ Underground Storage _____
Other _____
(b)If Gas Shallow X Deep _____
Horizontal X

6) Existing Pad: Yes or No No

7) Proposed Target Formation(s), Depth(s), Anticipated Thickness and Expected Pressure(s):
Marcellus Shale, 7,217' (TVD Top) - 7,317' (TVD Bottom), 100 ft, 0.5 psi/ft

8) Proposed Total Vertical Depth: 7,305'

9) Formation at Total Vertical Depth: Marcellus Shale

10) Proposed Total Measured Depth: 25,683'

11) Proposed Horizontal Leg Length: 17,898'

12) Approximate Fresh Water Strata Depths: 25', 40', 200', 488'

13) Method to Determine Fresh Water Depths: Offsetting well reported water depths (033-02704, 033-03178, 033-05119)

14) Approximate Saltwater Depths: 700', 1550'

15) Approximate Coal Seam Depths: Bakerstown-272', Brush Creek-352', Upper Freeport-392', Clarion-672'

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

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

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

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Environmental Protection

Jeff A Propst
Digitally signed by Jeff A Propst
DN: CN = Jeff A Propst email = jeff.a.propst@wv.gov C = US
Date: 2026.03.23 14:07:24 -04'00'

05/08/2026

API NO. 47- 033 - 06128
OPERATOR WELL NO. 212
Well Pad Name: SLH

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	550 ✓	550	CTS
Coal							
Intermediate	9.625	New	J-55	40	1,500 ✓	1,500	CTS
Production	5.5	New	P-110	20	25,683	25,683	TOC @ 1,350
Tubing							
Liners							

Jeff A Propst
Digitally signed by: Jeff A Propst
DN: CN = Jeff A Propst email = jeff.a.propst@wv.gov C = US
Date: 2026.03.23 14:07:19 -04'00'

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 A/L, 3% CaCl2	1.2
Fresh Water	13.375	17.5	0.38	2,730	900	Class A/L, 3% CaCl2	1.2
Coal							
Intermediate	9.625	12.25	0.395	3,950	1,500	Class A/L, 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:				

05/08/2026

WW-6B
(10/14)

API NO. 47- 033 - 06128
OPERATOR WELL NO. 212
Well Pad Name: SLH

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 ½" 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- ¼" intermediate hole to the programmed depth, run 9- 5/8" casing and cement to surface. The rig with then continue to drill an 8- ¾" hole to a designed KOP. We will then start drilling the curve and lateral section to the programmed total measured depth, run 5 ½" 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.

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Environmental Protection

21) Total Area to be disturbed, including roads, stockpile area, pits, etc., (acres): 9.59

22) Area to be disturbed for well pad only, less access road (acres): 4.82

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 ½" – 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 1,450'; there will be no centralizers from 1,450' 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.

Jeff A Propst

Digitally signed by: Jeff A Propst
DN: CN = Jeff A Propst email = jeff.a.propst@wv.gov C = US
Date: 2026.03.23 14:07:09 -04'00'

05/08/2026

ARSENAL RESOURCES

SITE SAFETY PLAN

SLH Well Pad

911 Address:

4795 Brushy Fork Rd
Bridgeport, WV 26330

Jeff A Propst
Digitally signed by: Jeff A Propst
DN: CN = Jeff A Propst email = jeff.a.propst@wv.gov C = US
Date: 2026.03.25 15:54:49 -04'00'

Jeff A Propst 1-7-2026

05/08/2026

Area of Review Report - SLH Pad, 212 Lateral, Harrison County, WV

Well Name	API Number	Operator Name / Address	Well Type	Latitude	Longitude	Total Depth	Perforated Formation(s)	Producing Zones not Perforated
James C Parks 1	033-03683	none	Plugged	39.224838	-80.227707	unknown	unknown	unknown
Faris Heirs 3	033-00515	WV Mineral Group, LLC	Existing	39.24124	-80.403997	2,650	Fifth	Big Injun, Keener
Samuel S Faris Hrs 14	033-02967	NA	Cancelled	unknown	unknown	NA	NA	None
Faris Heirs 1006	033-00532	WV Mineral Group, LLC	Existing	39.25075	-80.238826	1,606	Big Injun	Keener
Hill Hrs	033-73309	Orphan Well	Prpty Map	39.250829	-80.24025	unknown	unknown	unknown
G Lester Douglas 1	033-03479	WV Mineral Group, LLC	Existing	39.252603	-80.242461	4,522	Benson	Keener, Gordon
G T Faris Etc 5	033-00238	Thrasher, H Wood	Existing	39.259391	-80.24417	2,442	Fifth	Gordon
Robert/G Farris 35	033-03411	NA	Cancelled	unknown	unknown	NA	NA	None

NA - not applicable

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LATITUDE :39°15'00" — SURFACE HOLE 3937'

LATITUDE :39°17'30" — BOTTOM HOLE 11,018'

BOTTOM HOLE 9,603'

SURFACE HOLE 11,734'

LONGITUDE:-80°12'30"

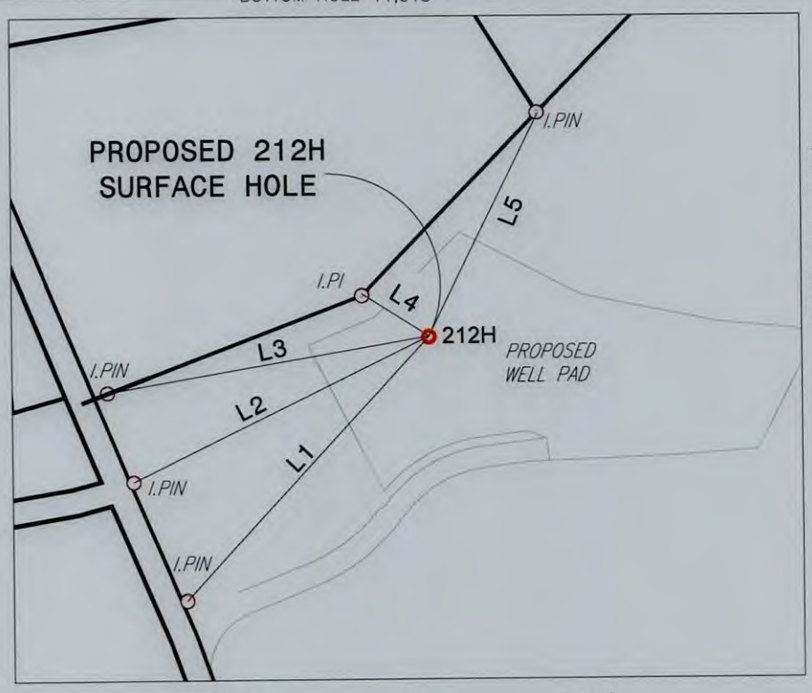
LONGITUDE:-80°12'30"

ASCENT
Consulting & Engineering

SURVEYOR/ENGINEER:
1-304-933-3463
1700 ANMOORE RD,
BRIDGEPORT, WV 26330

SURFACE HOLE LOCATION (SHL):
GEOGRAPHIC (NAD83): LATITUDE: 39.217786° LONGITUDE: :-80.222229°
SPCS (NAD83, WV NORTH, FEET): NORTHING: 262,260.005 EASTING: 1,763,877.516
UTM (NAD83, ZONE 17, METERS): NORTHING: 4,341,233.127 EASTING: 567,142.023
LANDING POINT LOCATION (LPL):
GEOGRAPHIC (NAD83): LATITUDE: 39.218969° LONGITUDE: -80.226195°
SPCS (NAD83, WV NORTH, FEET): NORTHING: 262,699.880 EASTING: 1,762,757.242
UTM (NAD83, ZONE 17, METERS): NORTHING: 4,341,361.430 EASTING: 566,798.502
BOTTOM HOLE LOCATION (BHL):
GEOGRAPHIC (NAD83): LATITUDE: 39.265303° LONGITUDE: -80.247248°
SPCS (NAD83, WV NORTH, FEET): NORTHING: 279,624.146 EASTING: 1,756,933.285
UTM (NAD83, ZONE 17, METERS): NORTHING: 4,346,488.176 EASTING: 564,938.391

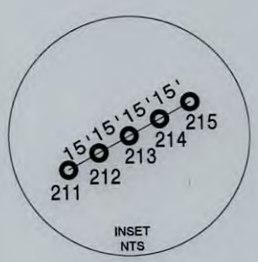
GRID NORTH
SPCS, NAD83 WV NORTH, US FT



BHL

LINE	BEARING	DISTANCE
L1	S 42°46'35" W	409.44'
L2	S 63°58'19" W	376.22'
L3	S 80°21'02" W	372.40'
L4	N 57°26'49" W	90.48'
L5	N 26°11'27" E	282.10'
L6	N 68°33'45" W	1,203.54'

SEE PAGE 2 FOR PLAT
SEE PAGE 3 FOR SURFACE OWNER TABLE





WELL RESTRICTIONS
1. ONE OCCUPIED DWELLINGS > 2500 SQ FT. WITHIN 625 FEET OF CENTER OF PAD.
2. NO AGRICULTURE BUILDINGS > 2500 SQ FT. WITHIN 625 FEET OF CENTER OF PAD.
3. NO WATER WELLS OR DEVELOPED SPRINGS ARE WITHIN 250 FEET OF PROPOSED WELL.
4. PERENNIAL STREAMS, LAKES, PONDS, OR RESERVOIRS WITHIN 100 FEET OF THE LIMITS OF DISTURBANCE.
5. NO NATURALLY PRODUCING TROUT STREAM WITHIN 300 FEET OF LIMITS OF DISTURBANCE.
6. NO GROUND INTAKE OR PUBLIC WATER SUPPLY WITHIN 1000 FEET OF WELL PAD, LIMITS OF DISTURBANCE, E & S CONTROLS OR PUBLIC WATER SUPPLY.

NOTES ON SURVEY
1. TIES TO WELLS AND CORNERS ARE BASED ON UTM, NAD83 DATUM, ZONE 17, US FT.
2. WELL LAT./LONG ESTABLISHED BY DIRECT GPS NAD '83.
3. BOUNDARIES SHOWN ARE TAKEN FROM TAX MAPS, DEEDS, AND FIELD SURVEY. THIS DRAWING IS NOT REPRESENTATIVE OF A FULL BOUNDARY SURVEY.
4. SURFACE OWNER INFORMATION TAKEN FROM THE ASSESSOR AND COUNTY CLERK RECORDS OF BARBOUR COUNTY IN OCTOBER OF 2021.
5. WELLS SHOWN ARE TAKEN FROM RECORDS OF WVDEP.

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 REGULATIONS ISSUED AND PRESCRIBED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION.

P.S. 983 03-20-2026

MICHAEL R. HYMAN LICENSED No. 983 STATE OF WEST VIRGINIA PROFESSIONAL SURVEYOR

ARSENAL RESOURCES

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

WVDEP
OFFICE OF OIL & GAS
601 57TH STREET
CHARLESTON, WV 25034

MINIMUM DEGREE OF ACCURACY: 1/200

PROVEN SOURCE OF ELEVATION: SURVEY GRADE GPS (NAVD 88, US FT)

S.L.H. WELL PAD AND AST PAD

OPERATOR'S WELL #: #212H

API WELL #: 47 (STATE) 033 (COUNTY) 06128 (PERMIT)

WELL TYPE: OIL ☐ WASTE DISPOSAL ☐ PRODUCTION ☒ DEEP ☐ GAS ☒ LIQUID INJECTION ☐ STORAGE ☐ SHALLOW ☒

WATERSHED: WEST FORK ELEVATION: 1045

DISTRICT: Simpson-Outside District COUNTY: HARRISON QUADRANGLE: BROWNTON

SURFACE OWNER: JERRY R. NEWBROUGH ACREAGE: ±90.0

OIL & GAS ROYALTY OWNER: Chad W. Johnson, Betty Lee Stout, Charles Lloyd Stout, & Jennifer K Sprouse, Trustee of the Ruth Ann Kniceley Irrevocable Trust ACREAGE: ±90.0

DRILL ☒ DRILL DEEPER ☐ REDRILL ☐ FRACTURE OR STIMULATE ☒ PLUG OFF OLD FORMATION ☐ PERFORATE NEW FORMATION ☒

CONVERT ☐ PLUG & ABANDON ☐ CLEAN OUT & REPLUG ☐ OTHER CHANGE ☐ (SPECIFY)

05/08/2026

TARGET FORMATION: MARCELLUS ESTIMATED DEPTH: 7,305' TVD 25,683' TMD

WELL OPERATOR: ARSENAL RESOURCES DESIGNATED AGENT: ERIC MORRIS

ADDRESS: 6031 WALLACE RD. EXT. SUITE 200 ADDRESS: 633 WEST MAIN STREET

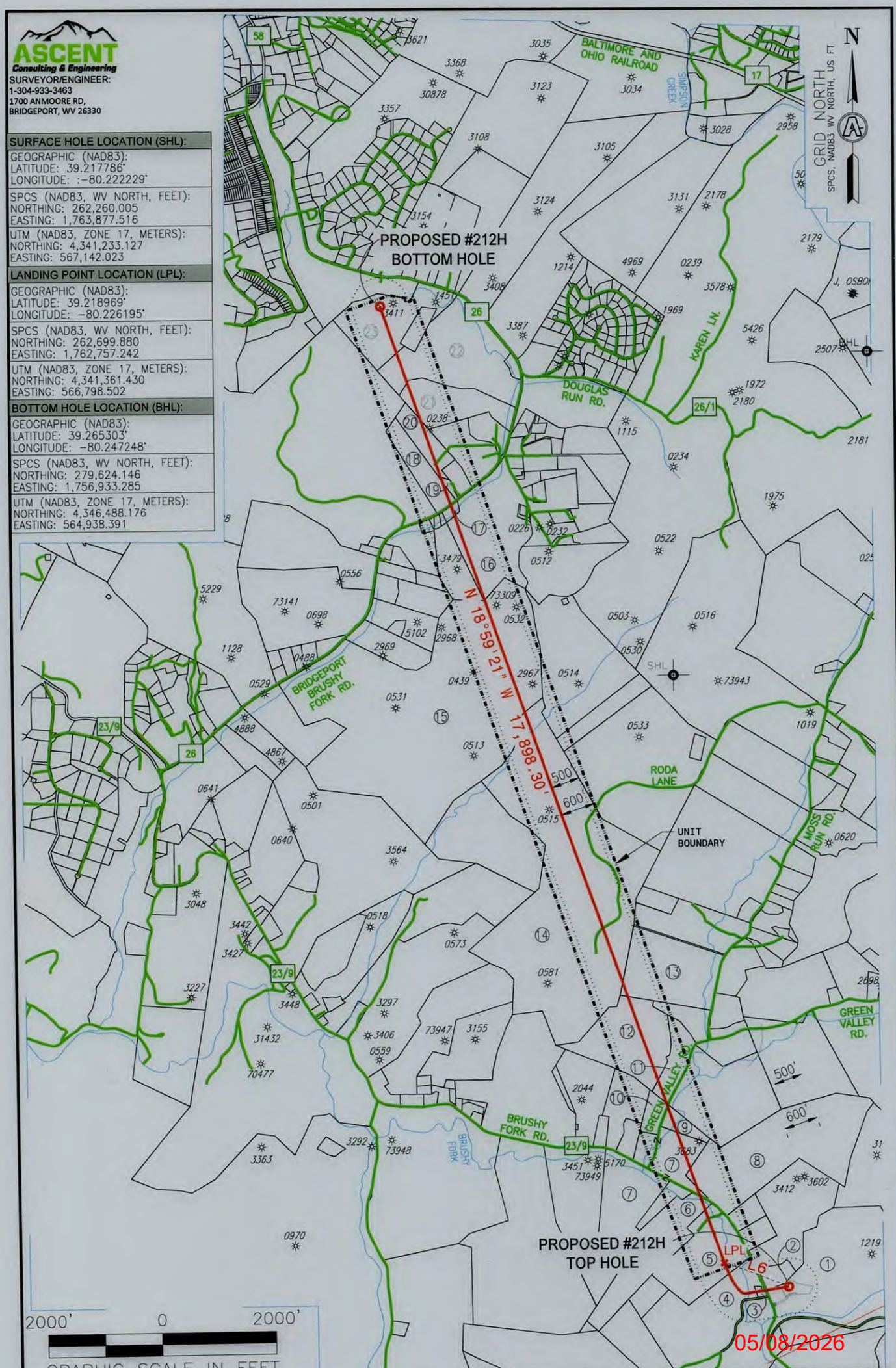
CITY: WEXFORD, STATE: PA ZIP CODE: 15090 CITY: BRIDGEPORT STATE: WV ZIP CODE: 26330

LEGEND:
- PROPOSED SURFACE HOLE / BOTTOM HOLE
- EXISTING / PRODUCING WELLHEAD
- LPL LANDING POINT LOCATION
- SURVEYED BOUNDARY
- DRILLING UNIT
- MINERAL TRACT BOUNDARY
- 500' OFFSET LINE
- PROPOSED PATH

REVISIONS:

DATE: 03-20-2026
FILE NO: 10-4254
DRAWN BY: TMF
SCALE: 1" = 2000'
DRAWING NO: xxxxx
WELL LOCATION PLAT 1

S:\10_ENGINEERING\10-4254-ARSENAL-S.L.H. WELL PAD AND AST PAD\SURVEY\DRAWINGS\WELL PLATS\212H\PRELIMINARY PLAT\10-4254-NEWBROUGH #212H_L.DWG
FRIDAY MARCH 20 2026 01:24PM



REVISIONS:	COMPANY: ARSENAL RESOURCES	
	OPERATOR'S S.L.H. WELL PAD AND AST PAD	DATE: 03-25-2026
	WELL #: 47-033-D6128 #212H	10-4254
	DISTRICT: Simpson-Outside District / COUNTY: HARRISON / STATE: WV	DRAWN BY: TMF
		SCALE: N/A
		DRAWING NO: xxxxx
		WELL LOCATION PLAT 2

S:\10_ENGINEERING\10-4254-ARSENAL-S.L.H. WELL PAD AND AST PAD\SURVEY\DRAWINGS\WELL PLATS\212H\PRELIMINARY PLAT\10-4254-NEWBROUGH #212H_L.DWG

ASCENT
Consulting & Engineering
SURVEYOR/ENGINEER:
1-304-933-3463
1700 ANMOORE RD,
BRIDGEPORT, WV 26330

TAG	PARCEL	SURFACE OWNER / ROAD / RIVER	ACREAGE
1	17-15-370-25	JERRY R. NEWBROUGH	82.51
2	17-15-370-19-01	JERRY R. NEWBROUGH	4.7
ROAD	N/A	BRUSHY FORK ROAD	N/A
3	17-15-370-31	BOARD OF EDUCATION	0.50
4	17-15-370-24	DALE HENRY & NORMA A. TAYLOR	45.97
5	17-15-370-17-04	DOMINGO T. & LINDA L. CHUA	34.95
6	17-15-370-17-07	SHERRI WAGNER & STEPHEN E. GREEN	19.17
ROAD	N/A	BLACK OAK HOLLOW ROAD	N/A
7	17-15-370-17	WEST VIRGINIA FRUIT & BERRY, LLC	64.27
8	17-15-370-18	BARRY T. HATHAWAY	78.46
9	17-15-370-17-06	MATTHEW S. & CARISA J. MAYERS	4.88
ROAD	N/A	GREEN VALLEY ROAD	N/A
10	17-15-370-17-05	MATTHEW S. & CARISA J. MAYERS	5.03
11	17-15-370-04-04	LARRY EUGENE MOORE	11.49
12	17-15-370-04	LARRY EUGENE MOORE	40.39
13	17-15-370-05	MARY M. TUCKER ETAL	41.55
14	17-15-350-19	WACO OIL & GAS CO INC	221.28
ROAD	N/A	RODA LANE	N/A
15	17-15-0349-0028	WACO OIL & GAS CO INC	261.30
16	17-15-329-63	MEADOW CREST FARM LLC	49.06
17	17-15-329-62	ANDREW M. & BROOKE A. CUNNINGHAM	1.36
ROAD	N/A	HINKLE LAKE ROAD	N/A
18	17-15-329-46-01	KENNETH L. & BETH L. NALE	13.62
19	17-15-329-46	KENNETH LOUIS NALE	0.97
20	17-15-329-46-03	JOHN T. & TINA M . VELTRI	10.78
21	17-15-329-47-03	CAROLYN S. HARRON	24.56
22	17-15-329-47	DAVID A. & TAMMERA L . FARIS	55.43
23	17-15-329-32	DAVID A. & TAMMERA L . FARIS	33.15

05/08/2026

REVISIONS:

COMPANY: ARSENAL RESOURCES

OPERATOR'S S.L.H. WELL PAD AND AST PAD
WELL #: 47-033-06128 #212H

DISTRICT: Simpson-Outside District
COUNTY: HARRISON
STATE: WV

DATE: 03-20-2026
10-4254
DRAWN BY: TMF
SCALE: N/A
DRAWING NO: xxxxx
WELL LOCATION PLAT 3

S:\10_ENGINEERING\10-4254-ARSENAL-S.L.H. WELL PAD AND AST PAD\SURVEY\DRAWINGS\WELL PLATS\212H\PRELIMINARY PLAT\10-4254-NEWBROUGH #212H_L.DWG

Attachment to WW-6A1, SLH 212

Tag	Parcel #	Lease #	Grantor, Lessor, Assignor, etc.	Grantee, Lessee, Assignee, etc.	Book	Page	Royalty	Acreage
1	47-033-15-370-25	00003705	Harley M Reeder and Orba H Reeder	Petroleum Development Corp	1018	77	12.5%+	90
			Petroleum Development Corp	PDC Mountaineer LLC	1440	364		
			PDC Mountaineer LLC	River Ridge Energy	59	1260		
2	47-033-15-370-19.1	00004299	ND PARKS ET AL	Union Carbide Corporation	852	563	12.5%+	250
			Union Carbide Corp	Creslenn Oil Company	897	286		
			Creslenn Oil Company	Delta Producing Corp	919	740		
			Delta Producing Corp	Delta Petroleum Co	923	65		
			Delta Petroleum Co	R W Johnston	923	146		
			R W Johnston	M Roy Spielman	26	217		
			M Roy Spielman	Petroleum Corporation of America	26	221		
			Michael D Brown	R L Eubanks	956	146		
			R L Eubanks	Petroleum Corporation of America	956	149		
			Miles J Willard	Petroleum Corporation of America	956	153		
			Delta Petroleum Co	Petroleum Corporation of America	958	118		
			Delta Petroleum Co	Petroleum Corporation of America	967	575		
			Petroleum Corporation of America	Petroleum Development Corp	977	165		
			Petroleum Development Corp	Oil Discoveries Inc	1068	73		
			Oil Discoveries Inc	x-oil pdc jv	1068	173		
			Oil Discoveries Inc	x-oil pdc jv	1068	696		
			Petroleum Corporation of America	Petroleum Development Corp	1081	1096		
			Ernest L Linthicum D/B/A/ Delta Petroleum Co	Petroleum Development Corp	1083	531		
			Petroleum Development Corp	Comet Investments LTD	1125	601		
			Comet Investments LTD	Petroleum Development Corp	1262	952		
			X-oil Drilling Partners	Petroleum Development Corp	1268	912		
			Petroleum Development Corp	PDC Mountaineer LLC	1440	364		
			PDC Mountaineer LLC	River Ridge Energy	59	1260		
ROAD			BRUSHY FORK ROAD					
3	47-033-15-370-31		ROYALTY OWNER SUBJECT TO	UNITIZATION FILING	N/A	N/A	N/A	N/A
4	47-033-15-370-24	00009766	CHARLES TERRY MORROW TRUST	Mar Key LLC	1813	516	12.5%+	50.33
4	47-033-15-370-24	00009767	CHARLES W MORROW II	Mar Key LLC	1812	1282	12.5%+	50.33
4	47-033-15-370-24	00009772	JILL MORROW KELLEY	Mar Key LLC	1812	1312	12.5%+	50.33
5	47-033-15-370-17.4		ROYALTY OWNER SUBJECT TO	UNITIZATION FILING	N/A	N/A	N/A	N/A

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Office of Oil and Gas
APR 03 2026
WV Department of
Environmental Protection

Docket/
Cause
455-591

Attachment to WW-6A1, SLH 212

Tag	Parcel #	Lease #	Grantor, Lessor, Assignor, etc.	Grantee, Lessee, Assignee, etc.	Book	Page	Royalty	Acreage	
6	**47-033-15-370-17.7**		**ROYALTY OWNER SUBJECT TO**	**UNITIZATION FILING**	**N/A**	**N/A**	**N/A**	**N/A**	Docket/ Cause 455-591
ROAD			BLACK HOLLOW ROAD						
7	47-033-15-370-17	00009689	WEST VIRGINIA FRUIT AND BERRY	Mar Key LLC	1811	225	12.5%+	68.65	
8	47-033-15-370-18	00009682	BRIAN S LEESON	Mar Key LLC	1811	845	12.5%+	82	
8	47-033-15-370-18	00009736	DAVID KEITH ODER	Mar Key LLC	1812	1284	12.5%+	82	
9 10	47-033-15-370-17.6 47-033-15-370-17.5	00009796	Matthew S & Carisa J Mayers	Mar Key LLC	1812	1324	12.5%+	10.05	
ROAD			GREEN VALLEY ROAD						
11, 12	47-033-15-370-4.4 47-033-15-370-4	00008964	SUSAN CAROLE CONLEY	Mar Key LLC	1744	1250	12.5%+	75.25	
11, 12	47-033-15-370-4.4 47-033-15-370-4	00008978	ELIZABETH CONLEY DINGUS AKA	Mar Key LLC	1747	919	12.5%+	75.25	
11, 12	47-033-15-370-4.4 47-033-15-370-4	00008979	JOSEPH EDWARD CONLEY	Mar Key LLC	1747	921	12.5%+	75.25	
13	**47-033-15-370-5**		**ROYALTY OWNER SUBJECT TO**	**UNITIZATION FILING**	**N/A**	**N/A**	**N/A**	**N/A**	Docket/ Cause 455-591
14, 15, 21, 22, 23	47-033-15-350-19 47-033-15-349-28 47-033-15-329-47.3 47-033-15-329-47 47-033-15-329-32	00008352	GEORGE T FARIS ET AL	Delaware Gas Company	820	128	12.5%+	1528.9	
			Delaware Gas Company	Creslenn Oil Company	897	279			
			Creslenn Oil Company	Deminex Oil Corporation	See Delaware Secretary of State Site				
			Deminex Oil Corporation	Deminex U.S. Oil Company	See Delaware Secretary of State Site				
			Deminex U.S. Oil Company	Southwest Exploration And Acquisition Company	See Delaware Secretary of State Site				
			Southwest Exploration And Acquisition Company	Southwest Royalties Inc	See Delaware Secretary of State Site				
			Southwest Royalties Inc	HG Energy II Appalachia	1605	194			
			HG Energy II Appalachia	Mar Key, LLC	1611	595			
21, 22, 23	47-033-15-329-47.3 47-033-15-329-47 47-033-15-329-32	00003643	SALLIE FARIS ET AL	Hope Natural Gas	347	441	12.5%+	376	
			Hope Natural Gas	CNG Producing Co	1277	699			
			CNG Producing Co	Dominion Exploration & Prod	58	366			

Attachment to WW-6A1, SLH 212

Tag	Parcel #	Lease #	Grantor, Lessor, Assignor, etc.	Grantee, Lessee, Assignee, etc.	Book	Page	Royalty	Acreage
			Dominion Exploration & Prod	Antero Resources Appalachian	1423	1068		
			Dominion Exploration & Prod	Dominion Transmission Inc	1457	978		
			Dominion Transmission Inc	CONSOL Energy Holdings LLC	1458	299		
			CONSOL Energy Holdings LLC	CONSOL Gas Co	59	1019		
			CONSOL Gas Co	CNX	1472	294		
			CNX	Antero Resources Appalachian	1479	628		
			CNX	Antero Resources Appalachian	1480	731		
			Antero Resources Appalachian	Mar Key	1785	1112		
ROAD			RODA LANE					
16	47-033-15-329-63	00003679	G LESTER DOUGLAS ET UX	Petroleum Development Corp	1146	113	12.5%+	66.03
			Petroleum Development Corp	PDC Mountaineer LLC	1440	364		
			PDC Mountaineer LLC	River Ridge Energy	59	1260		
17	47-033-15-329-62	00009790	Andrew M & Brooke A Cunningham	Mar Key LLC	1813	522	12.5%+	1.074
ROAD			HINKLE LAKE ROAD					
18, 19, 20	47-033-15-329-46.1 47-033-15-329-46 47-033-15-329-46.3	00009680	REBECCA JANE HIGHLAND UTT	Mar Key LLC	1811	859	12.5%+	47.75
18, 19, 20	47-033-15-329-46.1 47-033-15-329-46 47-033-15-329-46.3	00009707	ROBERT EDGAR WININGER	Mar Key LLC	1811	227	12.5%+	47.75
18, 19, 20	47-033-15-329-46.1 47-033-15-329-46 47-033-15-329-46.3	00009723	LAWRENCE A BOWMAN	Mar Key LLC	1813	512	12.5%+	47.75
18, 19, 20	47-033-15-329-46.1 47-033-15-329-46 47-033-15-329-46.3	00009735	ROBERT LAWRENCE PUGH	Mar Key LLC	1812	1286	12.5%+	47.75
18, 19, 20	47-033-15-329-46.1 47-033-15-329-46 47-033-15-329-46.3	00009739	DONNA MARSHALL FKA DONNA MCELAIN	Mar Key LLC	1812	1322	12.5%+	47.75

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Environmental Protection

Attachment to WW-6A1, SLH 212

Tag	Parcel #	Lease #	Grantor, Lessor, Assignor, etc.	Grantee, Lessee, Assignee, etc.	Book	Page	Royalty	Acreage
18, 19, 20	47-033-15-329-46.1 47-033-15-329-46 47-033-15-329-46.3	00009752	HOWARD KEITH STEINLY	Mar Key LLC	1812	1292	12.5%+	47.75
18, 19, 20	47-033-15-329-46.1 47-033-15-329-46 47-033-15-329-46.3	00009753	HUBERT A STEINLY JR	Mar Key LLC	1812	1294	12.5%+	47.75
18, 19, 20	47-033-15-329-46.1 47-033-15-329-46 47-033-15-329-46.3	00009761	CYNTHIA L CONNER	Mar Key LLC	1813	518	12.5%+	47.75

*** Horizontal well unit utilization - Subject to unitization filing with the West Virginia Oil and Gas Commission**

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*Hearing date 4/22
212 Ck# 205473 7500
213 Ck# 205474 7500
214 Ck# 205475 7500

March 27, 2026

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

RE: SLH #212, 213, and 214 (47-033-06128, 47-033-06111, 47-033-06112) - Expedited Modification Due to Well Extensions

Dear Mr. Brewer,

Enclosed please find the permit modifications for the SLH #212 (47-033-06128), #213 (47-033-06111), and #214 (47-033-06112) laterals.

The wellhead locations remain the same as the current permits. The wells are being extended to the planned lateral lengths of 17,898', 19,360' and 20,336', respectively.

Revised documents attached include revised WW-6Bs, SSPs, wellbore schematic with plans, plats, WW-6A1s, and area of reviews. The modification review fees are also included.

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

Sincerely,

Emily Glick

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

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05/08/2026