



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, March 13, 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 211
47-033-06127-00-00

Lateral Extension/Expedited

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.

A handwritten signature in black ink that reads "Jason Harmon".

H. Jason Harmon
Acting Chief

Operator's Well Number: SLH 211
Farm Name: JERRY NEWBROUGH
U.S. WELL NUMBER: 47-033-06127-00-00
Horizontal 6A New Drill
Date Modification Issued: 3/13/2026

Promoting a healthy environment.

03/13/2026

WW-6B
(04/15)

API NO. 47-033 - 06127
OPERATOR WELL NO. 211
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: 211 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 Oil _____ Underground Storage _____
Other _____
(b) If Gas Shallow Deep _____
Horizontal

6) Existing Pad: Yes or No No

7) Proposed Target Formation(s), Depth(s), Anticipated Thickness and Expected Pressure(s):
Marcellus Shale, 7,217' (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: 26,035'

11) Proposed Horizontal Leg Length: 17,592'

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

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

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WV Department of
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: 2026.03.06 10:49:49 -05'00'

WW-6B
(04/15)

API NO. 47- 033 - 06127
 OPERATOR WELL NO. 211
 Well Pad Name: SLH

18) **CASING AND TUBING PROGRAM**

TYPE	<u>Size (in)</u>	<u>New or Used</u>	<u>Grade</u>	<u>Weight per ft. (lb/ft)</u>	<u>FOOTAGE: For Drilling (ft)</u>	<u>INTERVALS: Left in Well (ft)</u>	<u>CEMENT: Fill-up (Cu. Ft.)/CTS</u>
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	26,035	26,035 ✓	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: 2026.03.06 10:49:45 -0500

TYPE	<u>Size (in)</u>	<u>Wellbore Diameter (in)</u>	<u>Wall Thickness (in)</u>	<u>Burst Pressure (psi)</u>	<u>Anticipated Max. Internal Pressure (psi)</u>	<u>Cement Type</u>	<u>Cement Yield (cu. ft./k)</u>
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:					RECEIVED Office of Oil and Gas MAR 09 2026 WV Department of Environmental Protection
Sizes:					
Depths Set:					

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

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

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

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

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MAR 09 2026

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

WV Department of
Environmental Protection

23) Describe centralizer placement for each casing string:

24"- No centralizers 13 3/8" – one bow spring centralizer on every other joint 9 5/8" – one bow spring centralizer every third joint from TD to surface 5 1/2" – one semi rigid centralizer on every joint from TD of casing to end of curve. Then every other joint to KOP. Every third joint from KOP to 1,450'; 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: 2026.03.06 10:49:37 -05'00'

Plan #5



Project: Harrison Co, WV (NAD83 - WV N)
 Site: Santas Little Helper Pad
 Well: SLH 211
 Wellbore: OH
 Design: Plan #5
 Lat: 39.217764
 Long: -80.222273
 GL: 1045.00
 KB: RKB @ 1072.00usft

WELL DETAILS. SLH 211

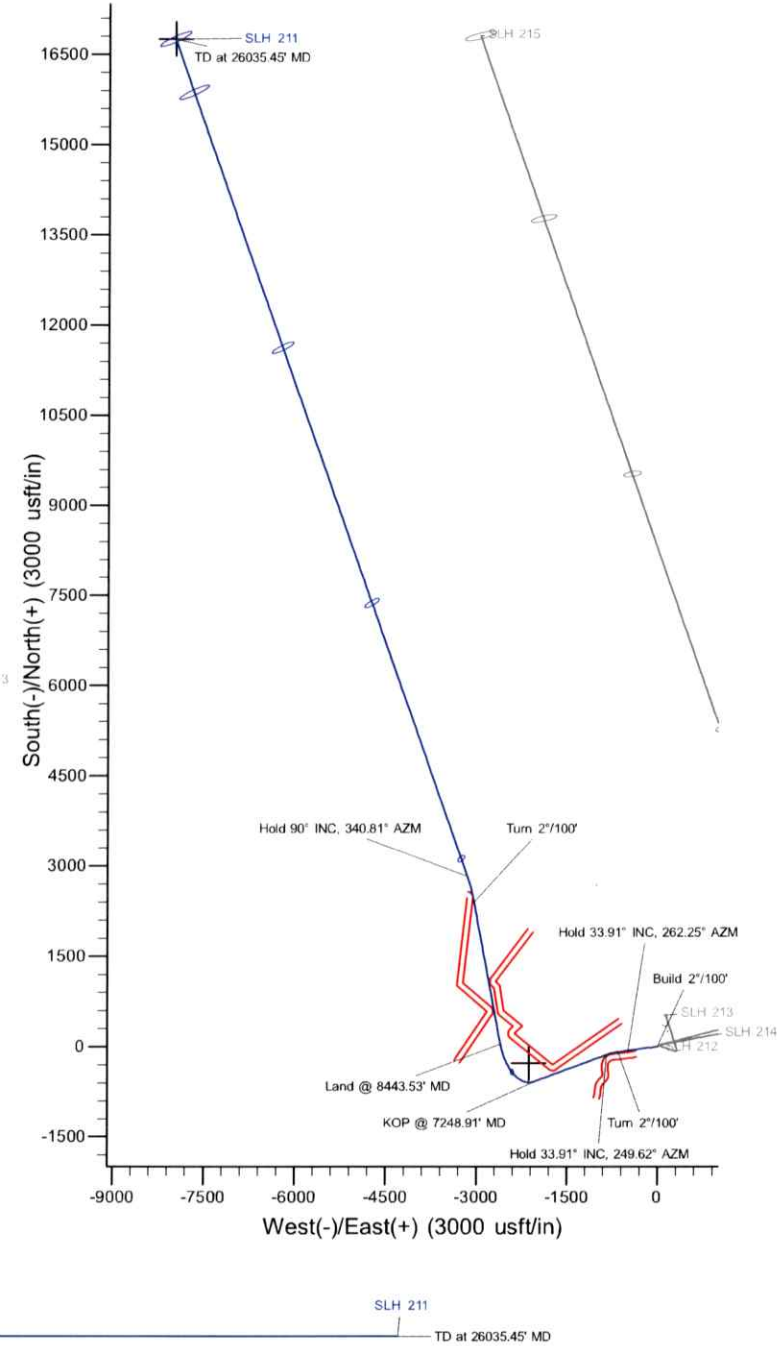
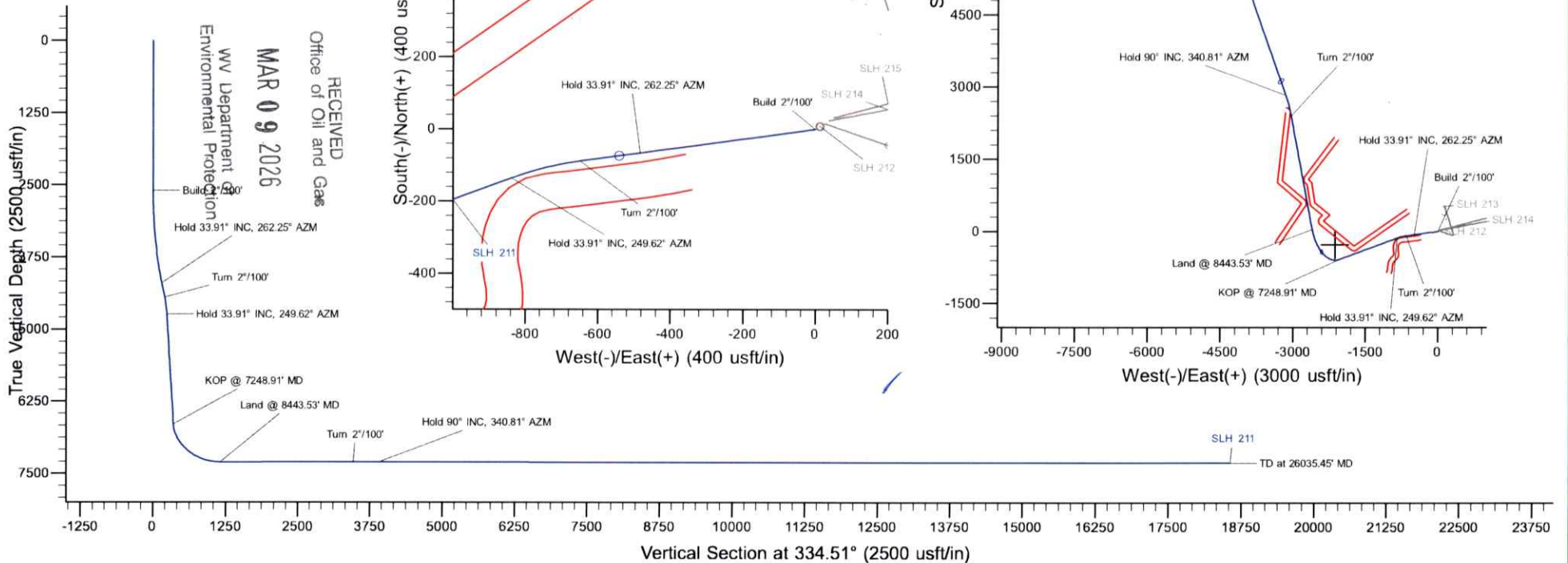
+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
0.00	0.00	262251.99	1763864.86	39.217764	-80.222273

SECTION DETAILS

MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	Vsect	Annotation
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2600.00	0.00	0.00	2600.00	0.00	0.00	0.00	0.00	0.00	Build 2°/100'
4295.50	33.91	262.25	4198.24	-65.71	-482.81	2.00	262.25	148.47	Hold 33.91° INC, 262.25° AZM
4595.50	33.91	262.25	4447.21	-88.28	-648.65	0.00	0.00	199.46	Turn 2°/100'
4947.28	33.91	249.62	4739.53	-135.74	-838.09	2.00	-95.29	238.15	Hold 33.91° INC, 249.62° AZM
7248.91	33.91	249.62	6649.80	-582.83	-2041.62	0.00	0.00	352.52	KOP @ 7248.91' MD
8443.53	90.00	349.64	7305.00	40.38	-2596.38	8.00	98.34	1153.81	Land @ 8443.53' MD
10843.53	90.00	349.64	7305.00	2401.25	-3027.98	0.00	0.00	3470.62	Turn 2°/100'
11285.20	90.00	340.81	7305.00	2827.89	-3140.51	2.00	-90.00	3904.16	Hold 90° INC, 340.81° AZM
26035.45	90.00	340.81	7305.00	16758.24	-7989.77	0.00	0.00	18565.43	TD at 26035.45' MD

Azimuths to Grid North
 True North: 0.46°
 Magnetic North: -9.03°

Magnetic Field
 Strength: 51181.8nT
 Dip Angle: 65.44°
 Date: 9/3/2025
 Model: HRGM

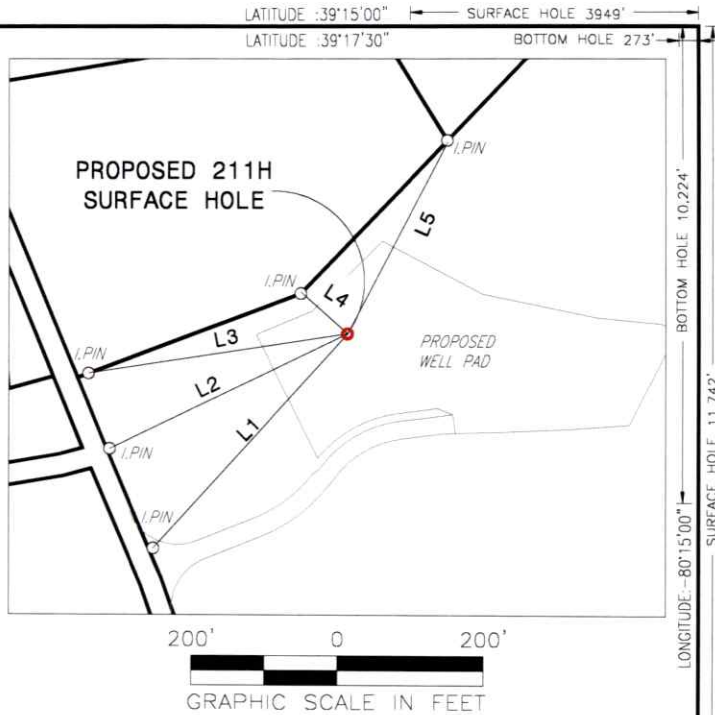




SURFACE HOLE LOCATION (SHL):
 GEOGRAPHIC (NAD83):
 LATITUDE: 39.217764°
 LONGITUDE: -80.222273°
 SPCS (NAD83, WV NORTH, FEET):
 NORTHING: 262,252.093
 EASTING: 1,763,864.985
 UTM (NAD83, ZONE 17, METERS):
 NORTHING: 4,341,230.653
 EASTING: 567,138.245

LANDING POINT LOCATION (LPL):
 GEOGRAPHIC (NAD83):
 LATITUDE: 39.217819°
 LONGITUDE: -80.231438°
 SPCS (NAD83, WV NORTH, FEET):
 NORTHING: 262,293.055
 EASTING: 1,761,268.467
 UTM (NAD83, ZONE 17, METERS):
 NORTHING: 4,341,229.982
 EASTING: 566,346.973

BOTTOM HOLE LOCATION (BHL):
 GEOGRAPHIC (NAD83):
 LATITUDE: 39.263596°
 LONGITUDE: -80.250963°
 SPCS (NAD83, WV NORTH, FEET):
 NORTHING: 279,011.223
 EASTING: 1,755,876.122
 UTM (NAD83, ZONE 17, METERS):
 NORTHING: 4,346,296.083
 EASTING: 564,619.417



LINE	BEARING	DISTANCE
L1	S 42°13'19" W	395.14'
L2	S 64°13'39" W	361.49'
L3	S 81°15'39" W	358.76'
L4	N 48°23'40" W	85.24'
L5	N 27°41'51" E	294.83'

WELL RESTRICTIONS

- ONE OCCUPIED DWELLINGS > 2500 SQ FT. WITHIN 625 FEET OF CENTER OF PAD.
- NO AGRICULTURE BUILDINGS > 2500 SQ FT. WITHIN 625 FEET OF CENTER OF PAD.
- NO WATER WELLS OR DEVELOPED SPRINGS ARE WITHIN 250 FEET OF PROPOSED WELL.
- PERMANENT STREAMS, LAKES, PONDS, OR RESERVOIRS WITHIN 100 FEET OF THE LIMITS OF DISTURBANCE.
- NO NATURALLY PRODUCING TROUT STREAM WITHIN 300 FEET OF LIMITS OF DISTURBANCE.
- 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

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

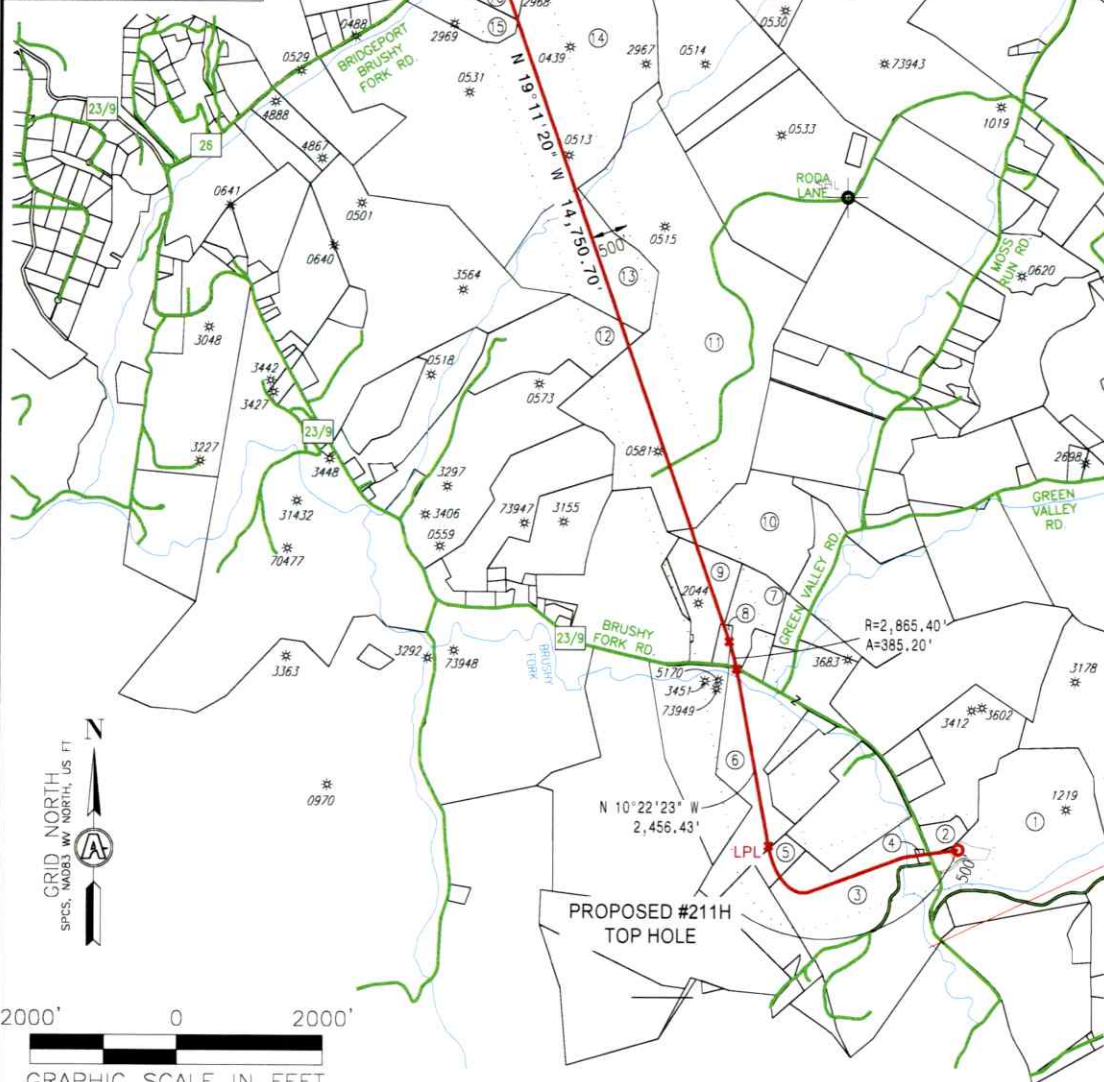
P.S. 983 *Michael R. Hyman* 03-04-2026



	(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS	MINIMUM DEGREE OF ACCURACY: 1/200	S.L.H. WELL PAD AND AST PAD	
	WVDEP OFFICE OF OIL & GAS 601 57TH STREET CHARLESTON, WV 25034	PROVEN SOURCE OF ELEVATION: SURVEY GRADE GPS (NAVD 88, US FT)	OPERATOR'S WELL #: #211H	API WELL #: 47 033 06127 STATE COUNTY PERMIT
WELL TYPE: OIL <input type="checkbox"/> WASTE DISPOSAL <input type="checkbox"/> PRODUCTION <input checked="" type="checkbox"/> DEEP <input type="checkbox"/> GAS <input checked="" type="checkbox"/> LIQUID INJECTION <input type="checkbox"/> STORAGE <input type="checkbox"/> SHALLOW <input checked="" type="checkbox"/>				
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 Knicely Irrevocable Trust ACREAGE: ±90.0				
DRILL <input checked="" type="checkbox"/> DRILL DEEPER <input type="checkbox"/> REDRILL <input type="checkbox"/> FRACTURE OR STIMULATE <input checked="" type="checkbox"/> PLUG OFF OLD FORMATION <input type="checkbox"/> PERFORATE NEW FORMATION <input checked="" type="checkbox"/>				
CONVERT <input type="checkbox"/> PLUG & ABANDON <input type="checkbox"/> CLEAN OUT & REPLUG <input type="checkbox"/> OTHER CHANGE <input type="checkbox"/> (SPECIFY)				
TARGET FORMATION: MARCELLUS ESTIMATED DEPTH: 7,305' TVD 26,035' 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		REVISIONS: — SURVEYED BOUNDARY — DRILLING UNIT — MINERAL TRACT BOUNDARY — 500' OFFSET LINE — PROPOSED PATH		
		DATE: 03-04-2026 FILE NO: 10-4254 DRAWN BY: TMF SCALE: 1" = 200' DRAWING NO: 10-4254-001 WELL LOCATION: 03/13/2026		



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LATITUDE :39°15'00" SURFACE HOLE 3949'
 LATITUDE :39°17'30" BOTTOM HOLE 1604'


BOTTOM HOLE 6460'
 SURFACE HOLE 11,742'
 LONGITUDE: -80°15'00"
 LONGITUDE: -80°12'30"

REVISIONS:	47 033 06127

COMPANY:			
OPERATOR'S			
WELL #:		10-4254	
DISTRICT:		DRAWN BY: TMF	
Simpson-Outside District		SCALE: N/A	
COUNTY:	HARRISON	DRAWING NO: 03/13/2026	
STATE:	WV	WELL LOCATION PLAT 2	

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	4.58
ROAD	N/A	BRUSHY FORK ROAD	N/A
3	17-15-370-24	DALE HENRY & NORMA A. TAYLOR	45.97
4	17-15-370-31	BOARD OF EDUCATION	0.62
5	17-15-370-24-01	DALE TAYLOR	5.93
6	17-15-370-17	WEST VIRGINIA FRUIT & BERRY, LLC	64.27
ROAD	N/A	BRUSHY FORK ROAD	N/A
7	17-15-370-17-03	DARREN P. LANNAN	15.23
8	17-15-370-02	GRENDALE M. WILCOX	2.43
9	17-15-370-01-02	JEFFREY & WENDY MADDEN	22.40
10	17-15-370-04	LARRY EUGENE MOORE	40.39
11	17-15-350-19	WACO OIL & GAS CO INC	221.28
ROAD	N/A	RODA LANE	N/A
12	17-15-349-33-09	JASON POTH	50.66
13	17-15-349-34	WACO OIL & GAS CO INC	49.82
14	17-15-349-28	WACO OIL & GAS CO INC	261.3
15	17-15-349-20	DEAN C. & CAROLINE H. RAMSEY	14.44
16	17-15-349-19	TIMOTHY L. & SUSAN L. COTTER	12.99
17	17-15-349-18	JAMES M., II & DEENA L. HERRON	9.67
18	17-15-329-59	RAMSHORN, LLC	3.63
19	17-15-329-58-01	CAROLINE A. RAMSEY	2.29
20	17-15-329-58	DEAN C. RAMSEY	1.15
21	17-15-329-57	DEAN C. & CAROLINE H. RAMSEY	10.89
ROAD	N/A	HINKLE LAKE ROAD	N/A
22	17-15-329-56	MONOGRAM LAND, CO.	253.32

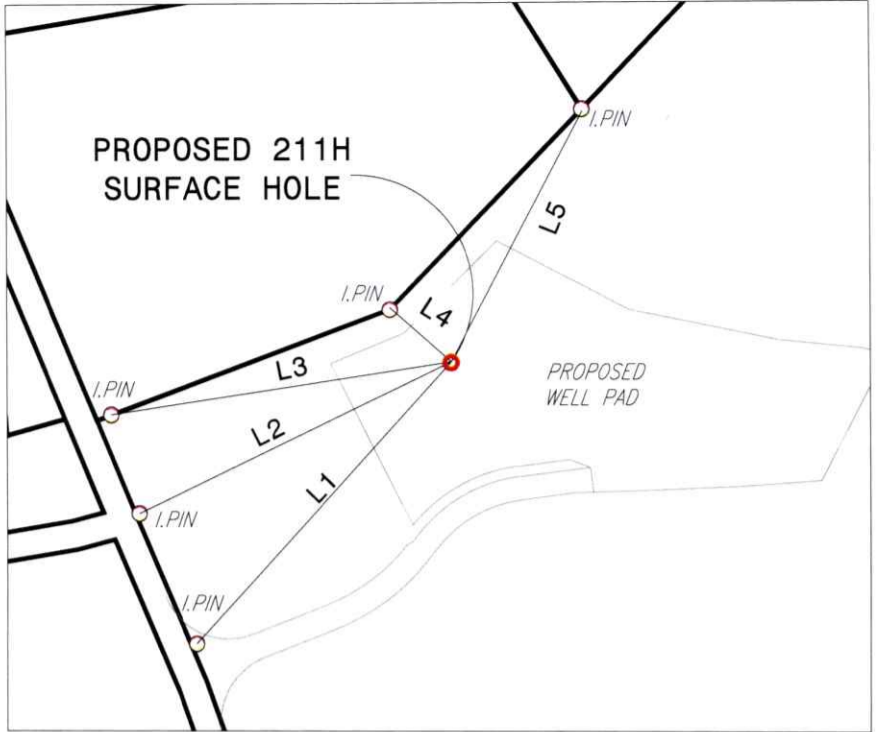
REVISIONS:	48 033 0627

COMPANY:			
OPERATOR'S		S.L.H. WELL PAD AND AST PAD	
WELL #:		#211H	
DISTRICT:	COUNTY:	STATE:	DATE:
Simpson-Outside District	HARRISON	WV	03-04-2026
DRAWING NO:		SCALE:	
03/13/2026		N/A	
WELL LOCATION PLAT 3			

Area of Review Report - SLH Pad, 211 Lateral, Harrison County, WV

Well Name	API Number	Operator Name / Address	Well Type	Latitude	Longitude	Total Depth	Perforated Formation(s)	Producing Zones not Perforated
Phillip Hart	033-73949	unknown	Orphan	39.223531	-80.234788	unknown	unknown	unknown
Phillip P Hart et al 1	033-03451	Petroleum Development Corp.	Cancelled	unknown	unknown	unknown	unknown	unknown
John W & Beverly A Sturm 1	033-05170	Blackrock Enterprises LLC	Existing	39.223762	-80.234309	4,450	Benson	Riley, Speechley
Mary Lawson 1	033-02044	WV Mineral Group, LLC	Existing	39.22687	-80.234975	4,448	Benson	None
Faris Heirs 2005	033-00581	WV Mineral Group, LLC	Existing	39.23253	-80.237024	2,579	Fifth	Gordon
Faris Heirs 4	033-00513	WV Mineral Group, LLC	Existing	39.24356	-80.241497	2,440	Fifth	Big Injun, Keener
F M Atterholt 10867	033-00439	Plugged	Plugged	39.16082	-80.240735	4,494	Benson	None
* Sam Faris Heirs 15	033-02968	Pethtel Oil & Gas Co.	Cancelled	unknown	unknown	unknown	unknown	unknown
Timothy L Cotter 1	033-05102	WV Mineral Group, LLC	Existing	39.249799	-80.24494	4,552	Benson	Balltown, Fourth, Gordon

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

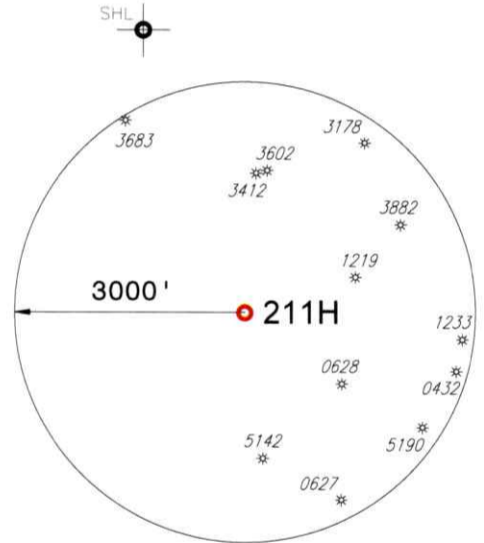
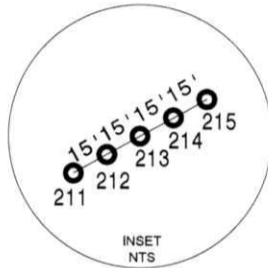
WELL RESTRICTIONS

- ONE OCCUPIED DWELLINGS > 2500 SQ FT. WITHIN 625 FEET OF CENTER OF PAD.
- NO AGRICULTURE BUILDINGS > 2500 SQ FT. WITHIN 625 FEET OF CENTER OF PAD.
- NO WATER WELLS OR DEVELOPED SPRINGS ARE WITHIN 250 FEET OF PROPOSED WELL.
- PERENNIAL STREAMS, LAKES, PONDS, OR RESERVOIRS WITHIN 100 FEET OF THE LIMITS OF DISTURBANCE.
- NO NATURALLY PRODUCING TROUT STREAM WITHIN 300 FEET OF LIMITS OF DISTURBANCE.
- 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

- TIES TO WELLS AND CORNERS ARE BASED ON UTM, NAD83 DATUM, ZONE 17, US FT.
- WELL LAT./LONG ESTABLISHED BY DIRECT GPS NAD '83.
- BOUNDARIES SHOWN ARE TAKEN FROM TAX MAPS, DEEDS, AND FIELD SURVEY. THIS DRAWING IS NOT REPRESENTATIVE OF A FULL BOUNDARY SURVEY.
- SURFACE OWNER INFORMATION TAKEN FROM THE ASSESSOR AND COUNTY CLERK RECORDS OF BARBOUR COUNTY IN OCTOBER OF 2021.
- 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 *Michael R. Hyman* 03-04-2026



(+) 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.I.H. WELL PAD AND AST PAD OPERATOR'S WELL #: #211H API WELL #: 47 033 06127 STATE COUNTY PERMIT
	WELL TYPE: OIL <input type="checkbox"/> WASTE DISPOSAL <input type="checkbox"/> PRODUCTION <input checked="" type="checkbox"/> DEEP <input type="checkbox"/> GAS <input checked="" type="checkbox"/> LIQUID INJECTION <input type="checkbox"/> STORAGE <input type="checkbox"/> SHALLOW <input checked="" type="checkbox"/>	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) **03/13/2026**
 TARGET FORMATION: MARCELLUS ESTIMATED DEPTH: 7,305' TVD 26,035' TMD

WELL OPERATOR: ARSENAL RESOURCES ADDRESS: 6031 WALLACE RD. EXT. SUITE 200 CITY: WEXFORD, STATE: PA ZIP CODE: 15090	DESIGNATED AGENT: ERIC MORRIS ADDRESS: 633 WEST MAIN STREET 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: 03-04-2026 FILE NO: 10-4254 DRAWN BY: TMF SCALE: 1" = 200' DRAWING NO: xxxxx WELL LOCATION PLAT 1
--	---



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

SURFACE HOLE LOCATION (SHL):

GEOGRAPHIC (NAD83):
LATITUDE: 39.217764°
LONGITUDE: -80.222273°

SPCS (NAD83, WV NORTH, FEET):
NORTHING: 262,252.093
EASTING: 1,763,864.985

UTM (NAD83, ZONE 17, METERS):
NORTHING: 4,341,230.653
EASTING: 567,138.245

LANDING POINT LOCATION (LPL):

GEOGRAPHIC (NAD83):
LATITUDE: 39.217819°
LONGITUDE: -80.231438°

SPCS (NAD83, WV NORTH, FEET):
NORTHING: 262,293.055
EASTING: 1,761,268.467

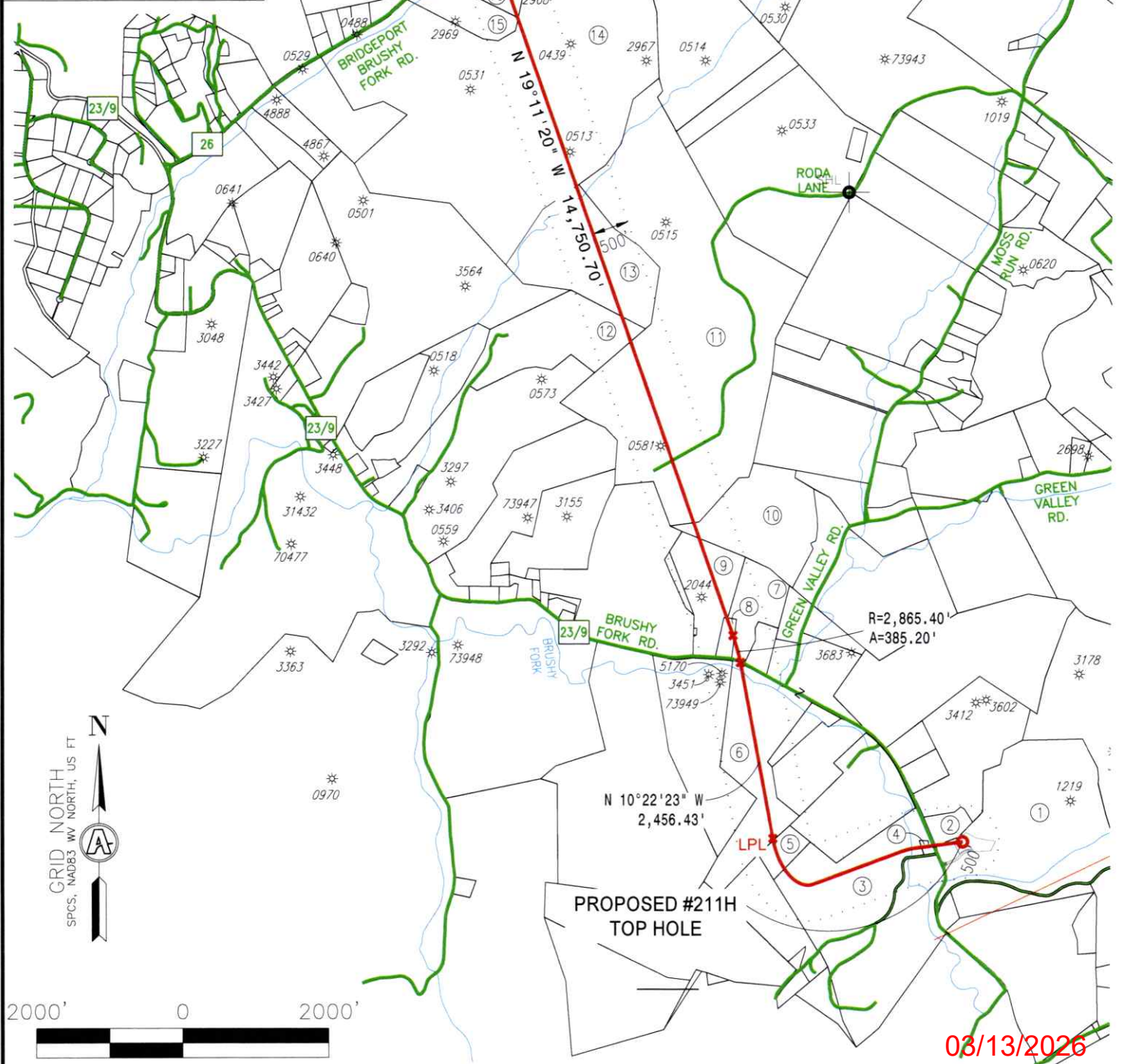
UTM (NAD83, ZONE 17, METERS):
NORTHING: 4,341,229.982
EASTING: 566,346.973

BOTTOM HOLE LOCATION (BHL):

GEOGRAPHIC (NAD83):
LATITUDE: 39.263596°
LONGITUDE: -80.250963°

SPCS (NAD83, WV NORTH, FEET):
NORTHING: 279,011.223
EASTING: 1,755,876.122

UTM (NAD83, ZONE 17, METERS):
NORTHING: 4,346,296.083
EASTING: 564,619.417



REVISIONS:	47 033 06127

COMPANY:		
OPERATOR'S	S.L.H. WELL PAD AND AST PAD	
WELL #:	#211H	
DISTRICT:	COUNTY:	STATE:
Simpson-Outside District	HARRISON	WV
DATE:	03-04-2026	
	10-4254	
DRAWN BY:	TMF	
SCALE:	N/A	
DRAWING NO:	xxxxx	
WELL LOCATION PLAT	2	



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	4.58
ROAD	N/A	BRUSHY FORK ROAD	N/A
3	17-15-370-24	DALE HENRY & NORMA A. TAYLOR	45.97
4	17-15-370-31	BOARD OF EDUCATION	0.62
5	17-15-370-24-01	DALE TAYLOR	5.93
6	17-15-370-17	WEST VIRGINIA FRUIT & BERRY, LLC	64.27
ROAD	N/A	BRUSHY FORK ROAD	N/A
7	17-15-370-17-03	DARREN P. LANNAN	15.23
8	17-15-370-02	GRENDALE M. WILCOX	2.43
9	17-15-370-01-02	JEFFREY & WENDY MADDEN	22.40
10	17-15-370-04	LARRY EUGENE MOORE	40.39
11	17-15-350-19	WACO OIL & GAS CO INC	221.28
ROAD	N/A	RODA LANE	N/A
12	17-15-349-33-09	JASON POTH	50.66
13	17-15-349-34	WACO OIL & GAS CO INC	49.82
14	17-15-349-28	WACO OIL & GAS CO INC	261.3
15	17-15-349-20	DEAN C. & CAROLINE H. RAMSEY	14.44
16	17-15-349-19	TIMOTHY L. & SUSAN L. COTTER	12.99
17	17-15-349-18	JAMES M., II & DEENA L. HERRON	9.67
18	17-15-329-59	RAMSHORN, LLC	3.63
19	17-15-329-58-01	CAROLINE A. RAMSEY	2.29
20	17-15-329-58	DEAN C. RAMSEY	1.15
21	17-15-329-57	DEAN C. & CAROLINE H. RAMSEY	10.89
ROAD	N/A	HINKLE LAKE ROAD	N/A
22	17-15-329-56	MONOGRAM LAND, CO.	253.32

03/13/2026

REVISIONS: 47 033 06/27	COMPANY:		
	OPERATOR'S	S.L.H. WELL PAD AND AST PAD	
	WELL #:	#211H	
	DISTRICT:	COUNTY:	STATE:
	Simpson-Outside District	HARRISON	WV
			DATE: 03-04-2026
			10-4254
			DRAWN BY: TMF
			SCALE: N/A
			DRAWING NO: xxxxx
			WELL LOCATION PLAT 3

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

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

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

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

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Office of Oil and Gas
JAN 12 2026
WV Department of
Environmental Protection

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

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

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

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

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

Attachment to WW-6A1, SLH 211

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	N D Parks ET UX 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, 4, 5	47-033-15-370-24 47-033-15-370-31 47-033-15-370-24.1	00009766	CHARLES TERRY MORROW TRUST	Mar Key LLC	1813	516	12.5%+	50.33

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Tag	Parcel #	Lease #	Grantor, Lessor, Assignor, etc.	Grantee, Lessee, Assignee, etc.	Book	Page	Royalty	Acreage
3, 4, 5	47-033-15-370-24 47-033-15-370-31 47-033-15-370-24.1	00009767	CHARLES W MORROW II	Mar Key LLC	1812	1282	12.5%+	50.33
3, 4, 5	47-033-15-370-24 47-033-15-370-31 47-033-15-370-24.1	00009772	JILL MORROW KELLEY	Mar Key LLC	1812	1312	12.5%+	50.33
6	47-033-15-370-17	00009689	WEST VIRGINIA FRUIT AND BERRY	Mar Key LLC	1811	225	12.5%+	68.65
	ROAD		BRUSHY FORK ROAD					
7	47-033-15-370-17.3	00009722	DARREN P LANNAN	Mar Key LLC	1812	1314	12.5%+	19
8	47-033-15-370-2	00008248	GRENDALE M WILCOX	Mar Key LLC	1612	123	12.5%+	2.45
9	47-033-15-370-1.2	00003825	MARY LAWSON	Petroleum Development Corp	1079	790	12.5%+	68
			Petroleum Development Corp	PDC Mountaineer LLC	1440	364		
			PDC Mountaineer LLC	River Ridge Energy	59	1260		
10	47-033-15-370-4	00008964	SUSAN CAROLE CONLEY	Mar Key LLC	1744	1250	12.5%+	75.25
10	47-033-15-370-4	00008978	ELIZABETH CONLEY DINGUS AKA	Mar Key LLC	1747	919	12.5%+	75.25
10	47-033-15-370-4	00008979	JOSEPH EDWARD CONLEY	Mar Key LLC	1747	921	12.5%+	75.25
11	47-033-15-350-19	00008352	GEORGE T FARIS ET AL	Delaware Gas Company	820	128	12.5%+	1528.9
13	47-033-15-349-34							
14	47-033-15-349-28							
			Delaware Gas Company	Creslenn Oil Company	897	279		
			Creslenn Oil Company	Deminex Oil Corporation			Delaware Secretary of State	
			Deminex Oil Corporation	Deminex U.S. Oil Company			Delaware Secretary of State	
			Deminex U.S. Oil Company	Southwest Exploration And Acquisition Company			Delaware Secretary of State	
			Southwest Exploration And Acquisition Company	Southwest Royalties Inc			Delaware Secretary of State	
			Southwest Royalties Inc	HG Energy II Appalachia	1605	194		
			HG Energy II Appalachia	Mar Key, LLC	1611	595		

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Tag	Parcel #	Lease #	Grantor, Lessor, Assignor, etc.	Grantee, Lessee, Assignee, etc.	Book	Page	Royalty	Acreage
ROAD								
RODA LANE								
12	47-033-15-349-33.9	00003672	JOSEPH P WAGNER ET AL	Delta Producing Corp	956	295	12.5%+	227.37
			Delta Producing Corp	Petroleum Corporation of America	967	575		
			Petroleum Corporation of America	Petroleum Development Corporation	977	153		
			Petroleum Development Corporation	PDC Mountaineer LLC	1440	364		
			PDC Mountaineer LLC	River Ridge Energy	59	1260		
12	47-033-15-349-33.9	00003673	JOSEPH P WAGNER ET AL	Delta Producing Corp	956	297	12.5%+	227.37
			Delta Producing Corp	Petroleum Corporation of America	967	575		
			Petroleum Corporation of America	Petroleum Development Corporation	977	153		
			Petroleum Development Corporation	PDC Mountaineer LLC	1440	364		
			PDC Mountaineer LLC	River Ridge Energy	59	1260		
12	47-033-15-349-33.9	00003674	JOSEPH P WAGNER ET AL	Delta Producing Corp	956	299	12.5%+	227.37
			Delta Producing Corp	Petroleum Corporation of America	967	575		
			Petroleum Corporation of America	Petroleum Development Corporation	977	153		
			Petroleum Development Corporation	PDC Mountaineer LLC	1440	364		
			PDC Mountaineer LLC	River Ridge Energy	59	1260		
15, 18, 19, 20, 21	47-033-15-349-20 47-033-15-329-59 47-033-15-329-58.1 47-033-15-329-58 47-033-15-329-57	00009757	KATHY JANE MCNEMAR	Mar Key LLC	1812	1328	12.5%+	14.1
15, 18, 19, 20, 21	47-033-15-349-20 47-033-15-329-59 47-033-15-329-58.1 47-033-15-329-58 47-033-15-329-57	00009758	RANDY KENT STROSNIDER	Mar Key LLC	1812	1300	12.5%+	14.1

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Tag	Parcel #	Lease #	Grantor, Lessor, Assignor, etc.	Grantee, Lessee, Assignee, etc.	Book	Page	Royalty	Acreage
15, 18, 19, 20, 21	47-033-15-349-20 47-033-15-329-59 47-033-15-329-58.1 47-033-15-329-58 47-033-15-329-57	00009763	LEWIS LOUGH	Mar Key LLC	1812	1318	12.5%+	14.1
15, 18, 19, 20, 21	47-033-15-349-20 47-033-15-329-59 47-033-15-329-58.1 47-033-15-329-58 47-033-15-329-57	00009783	TRUDY JO BUCEY	Mar Key LLC	1813	514	12.5%+	14.1
16	47-033-15-349-19	00004369	TIMOTHY L AND SUSAN L COTTER	Petroleum Development Corp	1417	703	12.5%+	14
			Petroleum Development Corp	PDC Mountaineer LLC	1440	364		
			PDC Mountaineer LLC	River Ridge Energy	59	1260		
17	47-033-15-349-18	00009720	DEENA LYNN MONROE	Mar Key LLC	1812	1331	12.5%+	9.42
17	47-033-15-349-18	00009740	WILLIAM C MONROE	Mar Key LLC	1812	1335	12.5%+	9.42
17	47-033-15-349-18	00009756	MATTHEW MONROE	Mar Key LLC	1812	1333	12.5%+	9.42
ROAD			HINKLE LAKE ROAD					
22	47-033-15-329-56	00003662	PAUL ALLEN HORNOR ET AL	A L McQuaid	1137	1008	12.5%+	161
			A L MCQUAID	Petroleum Development Corp	1156	9		
			Petroleum Development Corp	PDC Mountaineer LLC	1440	364		
			PDC Mountaineer LLC	River Ridge Energy	59	1260		

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 Environmental Protection



People Powered. Asset Strong.

March 6, 2026

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

RE: SLH #211 (47-033-06127) - Expedited Modification Due to Well Extension

Dear Mr. Brewer,

Enclosed please find the permit modification for the SLH #211 (47-033-06127) lateral.

The wellhead location remains the same as the current permit. The well is being extended to the planned lateral length of 17,592'.

Revised documents attached include the revised WW-6B, wellbore schematic with plan, plat, WW-6A1, and area of review. The modification review fee is 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
Geologist & Permitting Specialist
(c) 724-759-9612
(e) eglick@arsenalresources.com

CK# 205476
\$7500⁰⁰
1/30/2026

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Office of Oil and Gas

MAR 09 2026

WV Department of
Environmental Protection

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

www.arsenalresources.com

03/13/2026