



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

Monday, February 9, 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 Homer 206
47-091-01382-00-00

Lateral extended

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, appearing to read 'Jason Harmon', is written in a cursive style.

H. Jason Harmon
Acting Chief

Operator's Well Number: Homer 206
Farm Name: Atlas Shrugging LLC
U.S. WELL NUMBER: 47-091-01382-00-00
Horizontal 6A New Drill
Date Modification Issued: 2/9/2026

Promoting a healthy environment.

02/13/2026

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

1) Well Operator: Arsenal Resources 494519412 Taylor Fleming Rosemont
Operator ID County District Quadrangle

2) Operator's Well Number: Homer 206 Well Pad Name: Fiber II

3) Farm Name/Surface Owner: Atlas Shrugging LLC Public Road Access: WV 76

4) Elevation, current ground: 1208' Elevation, proposed post-construction: 1187'

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, 7,633' (TVD Top) - 7,723' (TVD Bottom), 90 ft, 0.5 psi/ft

8) Proposed Total Vertical Depth: 7,708'

9) Formation at Total Vertical Depth: Marcellus Shale

10) Proposed Total Measured Depth: 28,326'

11) Proposed Horizontal Leg Length: 18,536'

12) Approximate Fresh Water Strata Depths: 60', 85', 200', 630', 810', 892'

13) Method to Determine Fresh Water Depths: Offsetting well reported water depths (091-00102, 091-00586, 091-00607, 091-00721)

14) Approximate Saltwater Depths: 1065'

15) Approximate Coal Seam Depths: Harlem-364', Brushcreek-534', Lower Freeport-654', Upper Kittanning-724', Middle Kittanning-774', Clarion-834'

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: _____

Digitally signed by
Gayne Knitowski
Date: 2025.12.16
08:18:31 -05'00'

*Ch# 204528
7500*

WW-6B
(04/15)

4709101332
API NO. 47-091
OPERATOR WELL NO. Homer 206
Well Pad Name: Fiber II

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	950	950	CTS
Coal							
Intermediate	9.625	New	J-55	40	1,500	1,500	CTS
Production	5.5	New	P-110	23	28,326	28,326	TOC @ 1,350
Tubing							
Liners							

Gayne Knitowski
Digitally signed by Gayne Knitowski
Date: 2025.12.16 08:18:54 -05'00'

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:				
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.

21) Total Area to be disturbed, including roads, stockpile area, pits, etc., (acres): 28.54

22) Area to be disturbed for well pad only, less access road (acres): 10.68

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 1,700'; there will be no centralizers from 1,700' 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 wellbore. 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.

Area of Review Report - Fiber II Pad, Homer 206 Lateral, Taylor County, WV

Well Name	API Number	Operator Name / Address	Well Type	Latitude	Longitude	Total Depth	Perforated Formation(s)	Producing Zones not Perforated
Pearl Fundak 2	091-00599	Diversified Production, LLC	Existing	39.256231	-80.122308	4,662	Benson	Riley
James A Kinsey et al 213	091-01094	Arch Reclamation Services LLC	Existing	39.251881	-80.112047	831	Lower Kittanning Coal	NA
John and Linda Snider 1A	001-02523	Commonwealth Energy, Inc.	Existing	39.240233	-80.102905	4,757	Riley	NA
Esther Cole 1	001-00575-P	Diversified Production, LLC	Plugged	39.230942	-80.098992	4,540	Benson	Riley
H D Cleavenger 2	001-00671-P	Alliance Petroleum Co., LLC	Plugged	39.221131	-80.09658	4,458	Benson	Riley
Laco B Corder 4	001-02028-P	Diversified Production, LLC	Plugged	39.215478	-80.093976	4,555	Benson	Riley, Speechley
Vera Boylen 2	001-01190-P	Alliance Petroleum Co., LLC	Plugged	39.210162	-80.091505	4,551	Benson	NA



Project: Taylor Co, WV (NAD83 - WV N)
 Site: Homer Pad
 Well: Homer 206
 Wellbore: OH
 Design: Plan #5
 Lat: 39.254904
 Long: -80.130312
 GL: 1187.00
 KB: RKB @ 1214.00usft



Azimuths to Grid North
 True North: 0.40°
 Magnetic North: -9.21°
 Magnetic Field
 Strength: 51163.1nT
 Dip Angle: 65.40°
 Date: 9/3/2025
 Model: HRGM

WELL DETAILS: Homer 206

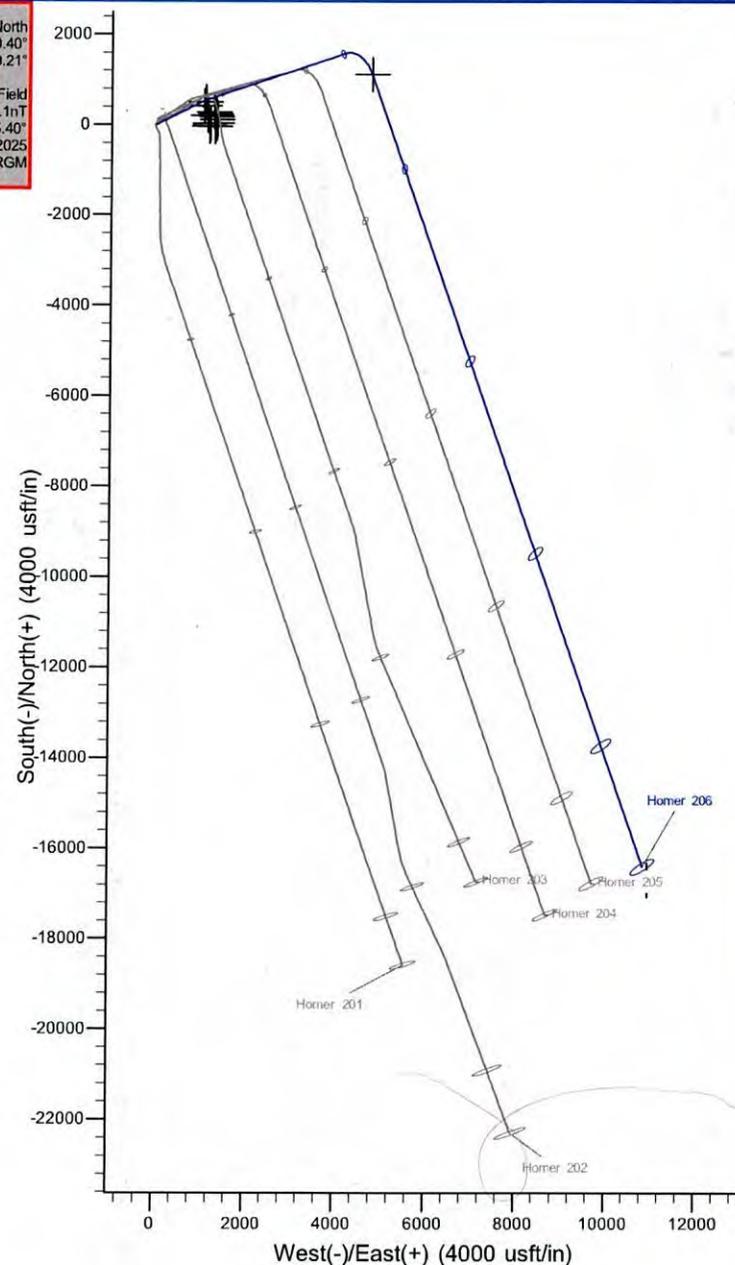
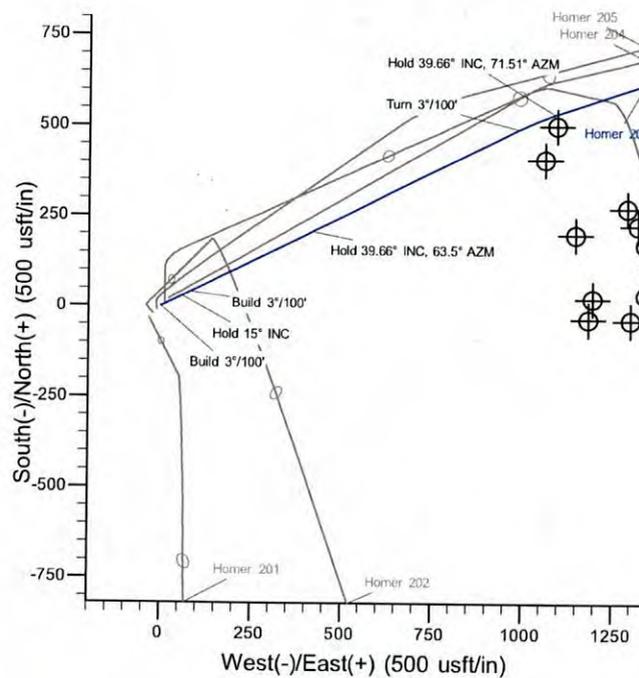
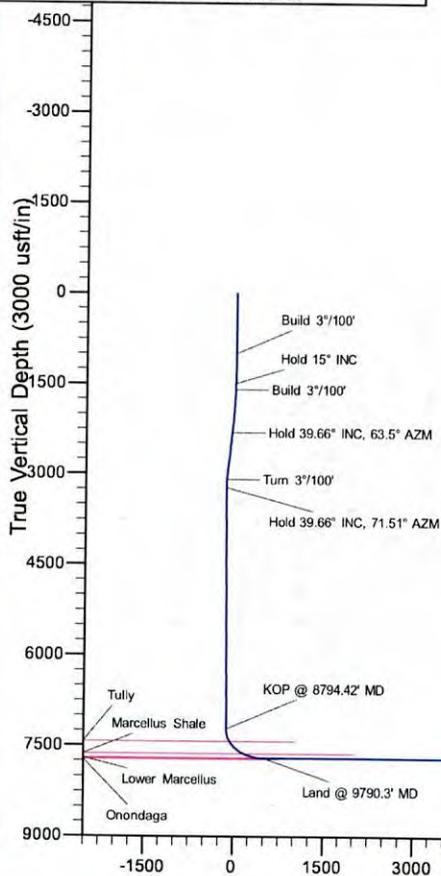
+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
0.00	0.00	275582.93	1790013.91	39.254904	-80.130312

SECTION DETAILS

MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	V/Sect	Annotation
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
1000.00	0.00	360.00	1000.00	0.00	0.00	0.00	360.00	0.00	Build 3°/100'
1500.00	15.00	63.50	1494.31	29.04	58.24	3.00	63.50	-8.42	Hold 15° INC
1600.00	15.00	63.50	1590.90	40.59	81.40	0.00	0.00	-11.76	Build 3°/100'
2422.00	39.66	63.50	2315.52	207.68	416.54	3.00	0.00	-60.19	Hold 39.66° INC, 63.5° AZM
3425.00	39.66	63.50	3087.68	493.31	989.43	0.00	0.00	-142.97	Turn 3°/100'
3595.32	39.66	71.51	3218.88	534.83	1089.69	3.00	93.03	-149.45	Hold 39.66° INC, 71.51° AZM
8794.42	39.66	71.51	7221.10	1587.33	4236.93	0.00	0.00	-115.91	KOP @ 8794.42' MD
9790.30	90.00	160.93	7708.00	1117.58	4826.50	9.00	89.55	520.68	Land @ 9790.3' MD
28326.00	90.00	160.93	7708.00	-16400.62	10883.31	0.00	0.00	19056.38	TD at 28326' MD

FORMATION TOP DETAILS

TVDPath	MDPath	Formation
7433.00	9079.53	Tully
7633.00	9433.44	Marcellus Shale
7702.00	9690.58	Lower Marcellus



Vertical Section at 160.93° (3000 usft/in)

TD at 28326' MD

Homer 206

**ARSENAL RESOURCES LLC
FIBER II PAD
HOMER 206**

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

T.H. LONGITUDE 80°07'30"
B.H. LONGITUDE 80°05'00"

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

NAD'83 S.P.C.(FT)	N. 275,583.01	E. 1,790,013.88
NAD'83 GEO.	LAT-(N) 39.254904	LONG-(W) 80.130312
NAD'83 UTM (M)	N. 4,345,424.57	E. 575,037.42
<u>LANDING POINT</u>		
NAD'83 S.P.C.(FT)	N. 276,414.0	E. 1,794,939.8
NAD'83 GEO.	LAT-(N) 39.257279	LONG-(W) 80.112937
NAD'83 UTM (M)	N. 4,345,702.7	E. 576,534.0
<u>BOTTOM HOLE</u>		
NAD'83 S.P.C.(FT)	N. 258,895.6	E. 1,800,996.6
NAD'83 GEO.	LAT-(N) 39.209294	LONG-(W) 80.091141
NAD'83 UTM (M)	N. 4,340,396.0	E. 578,468.0

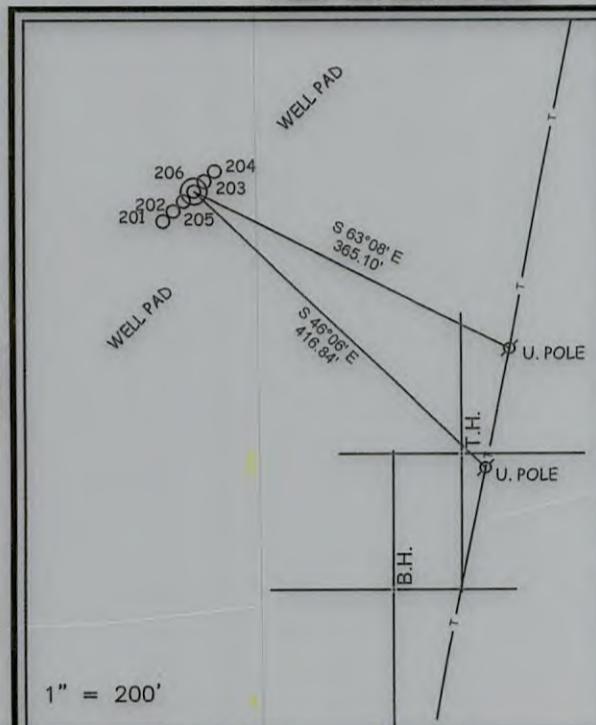
LEGEND

LEASE LINE	---
SURFACE LINE	----
WELL LATERAL	----
500' OFFSET LINE	----
TIE LINE	----
CREEK	~~~~~
ROAD	----
COUNTY ROUTE	⊙
PROPOSED WELL	⊙
EXISTING WELL	⊙
PERMITTED WELL	⊙
TAX MAP-PARCEL	00-00
SURFACE OWNER (SEE TABLE)	Ⓐ
LEASE # (SEE WW-6A1)	

LINE	BEARING	DISTANCE
L1	N 63°30' E	1089.62'
L2	N 71°30' E	3319.47'
L3	S 19°04' E	303.67'

CURVE	RADIUS	ARC LENGTH	CHORD LENGTH	CHORD BEARING
C1	1015.43'	127.49'	127.41'	N 67°08' E
C2	318.64'	238.91'	233.35'	S 84°01' E
C3	781.87'	583.21'	569.78'	S 38°25' E

REFERENCES



NOTES ON SURVEY

- NO WATER WELLS WERE FOUND WITHIN 250' OF PROPOSED GAS WELL. NO AGRICULTURAL BUILDINGS > 2500 SQ. FT. OR DWELLINGS WERE FOUND WITHIN 625' OF THE CENTER OF PROPOSED WELL PAD.
- WELL SPOT CIRCLE & TOPO MARK SCALE ARE 1"=2000'



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

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 DECEMBER 12, 20 25

REVISED _____, 20 _____

OPERATORS WELL NO. 206

API WELL NO. 47-091-01382
STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1 / 2500 FILE NO. 9205P206-121225.dwg

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

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



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

LOCATION: ELEVATION 1,187.00' WATERSHED SIMPSON CREEK
DISTRICT FLEMINGTON COUNTY TAYLOR QUADRANGLE ROSEMONT

SURFACE OWNER ATLAS SHRUGGING LLC ACREAGE 897.36±
ROYALTY OWNER CHESTER AND FRANCES SINSEL & A. BROOKS FLEMING ET AL ACREAGE 897.36±
PROPOSED WORK: LEASE NO. SEE WW-6A1

DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE PLUG OFF OLD FORMATION PERFORATE NEW FORMATION PLUG AND ABANDON CLEAN OUT AND REPLUG OTHER
PHYSICAL CHANGE IN WELL (SPECIFY) _____ TARGET FORMATION MARCELLUS
ESTIMATED DEPTH TMD 7,708' / TVD 28,326'

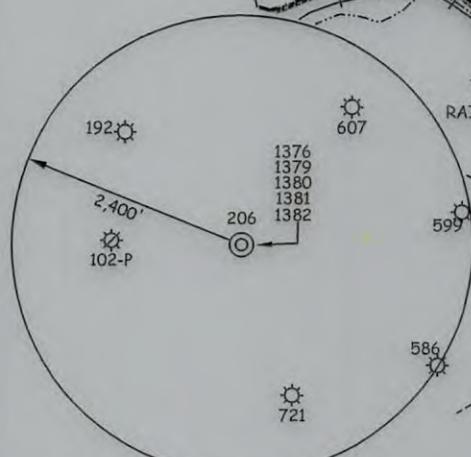
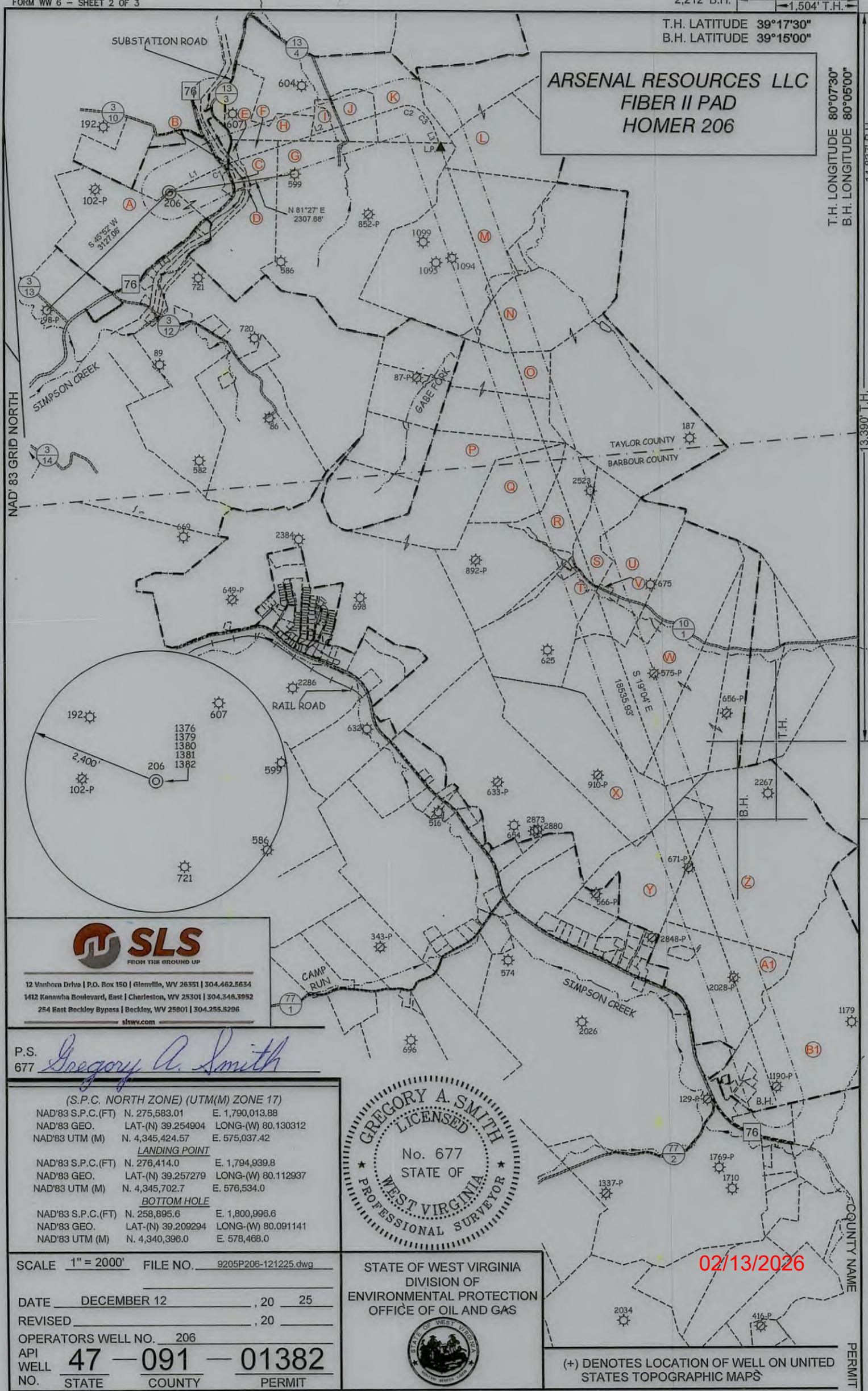
WELL OPERATOR ARSENAL RESOURCES DESIGNATED AGENT ERIC MORRIS
ADDRESS 6031 WALLACE RD. EXT. SUITE 200 WEXFORD, PA 15090 ADDRESS 633 WEST MAIN STREET BRIDGEPORT, WV 26330

COUNTY NAME PERMIT

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

T.H. LONGITUDE 80°07'30"
B.H. LONGITUDE 80°05'00"

**ARSENAL RESOURCES LLC
FIBER II PAD
HOMER 206**



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slswv.com

P.S. *Gregory A. Smith*
677



(S.P.C. NORTH ZONE) (UTM(M) ZONE 17)			
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SCALE 1" = 2000' FILE NO. 9205P206-121225.dwg

DATE DECEMBER 12, 20 25
REVISED _____, 20 _____
OPERATORS WELL NO. 206
API WELL NO. 47 - 091 - 01382
STATE COUNTY PERMIT

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



02/13/2026

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

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

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

COUNTY NAME PERMIT

ARSENAL RESOURCES LLC
FIBER II PAD
HOMER 206



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 slsvv.com

TAG	PARCEL	SURFACE OWNER	ACREAGE
A	4-11-1	ATLAS SHRUGGING LLC	897.36
ROAD	N/A	W.V. RT. 76- WV VETERANS MEM. HIGHWAY	N/A
B	NOT ASSESSED	A. BROOKS FLEMING HEIRS	N/A
CREEK	N/A	SIMPSON CREEK	N/A
ROAD	N/A	CO. RT. 13/3-SUBSTATION ROAD	N/A
C	4-9-35	HOY LYNN & PATRICIA LYNN PRITT	1.51
D	4-9-54	PDC MOUNTAINEER LLC	13.54
E	4-9-33	DAVID L BROWN	1.8
F	4-9-39	WILLIAM CLARK & CRYSTAL RANEAU BRAKE	57.6
G	4-9-40	EUGENE GREATHOUSE ET AL	170
H	4-9-28	BRENDA M GAINES	21.03
I	4-9-26	KARL GREATHOUSE ET AL	8.45
ROAD	N/A	CO. RT. 13/4 SMITH FARM SUBSTATION ROAD	N/A
J	4-9-25	KARL GREATHOUSE ET AL	16.5
K	4-9-24	KARL L GREATHOUSE ET AL	73.46
L	5-14-45.2	BARBARA J SPENCER	146.65
M	5-20-4	JAMES F & ALICIA M KINSEY	129.75
CREEK	N/A	GABE FORK	N/A
N	5-14-67	MARK LEWIS STOUT	269
O	5-20-10	BECKWITH LUMBER COMPANY INC	89.74
P	9-8-1	BECKWITH LUMBER COMPANY INC	444.17
Q	9-8-6	WILLIAM R & ANNE V HAMMARSTROM	36
R	9-8-7	WILLIAM R HAMMARSTROM	35
S	9-8-8	WILLIAM R HAMMARSTROM	28.74
ROAD	N/A	CO. RT. 10/1 UPPER PLEASEANT CREEK ROAD	N/A
T	9-8-8.1	JIM C MALLOW	61.06
U	9-8-9	MICHAEL A & KIMBERLY S WILSON	59.5
CREEK	N/A	PLEASANT CREEK	N/A
V	9-8-9.1	MICHAEL A & KIMBERLY S WILSON	0.5
W	9-8-10	MICHAEL A & KIMBERLY S WILSON	234.38
X	9-13-23	BECKWITH LUMBER CO INC	413.3
Y	9-13-31	ARK LAND LLC	55.6494
Z	9-13-32	MITCHELL CLEAVENGER ET AL	174
A1	9-13-35.7	JASON CORDER	75.11
B1	9-13-34.2	ROBERT R & MINDI JACOBS	184.49

FILE NO. 9205P206-121225.dwg

DATE DECEMBER 12, 2025

REVISED _____, 20____

OPERATORS WELL NO. 206

API WELL NO. 47 — 091 — 01382
 STATE COUNTY PERMIT



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



P.S. 677 *Gregory A. Smith*

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

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

COUNTY NAME

PERMIT

Attachment to WW-6A1, Fiber II SOUTH 206

TAG AND PARCEL AND LEASE NUMBER	Grantor, Lessor, Assignor, etc.	Grantee, Lessee, Assignee, etc.	Royalty	Book/Page	Acreage
A, B, F 47-091-4-11-1 UNASSESSED 47-091-4-9-39 (00005213)	Chester Sinsel and Frances Sinsel, his wife	Union Drilling Inc	12.5+%	35/488	1,080
	Union Drilling Inc	Equitable Resources Exploration Inc		9/427	
	Equitable Resources Exploration Inc	Equitable Resources Energy Company		10/79	
	Equitable Resources Energy Company	Enervest East Limited Partnership		22/181	
	Enervest East Limited Partnership	The Houston Exploration Company		27/99	
	The Houston Exploration Company	Seneca-Upshur Petroleum Inc		27/426	
	Seneca-Upshur Petroleum Inc	Seneca-Upshur Petroleum LLC		31/427	
A, B, F 47-091-4-11-1 UNASSESSED 47-091-4-9-39 (00006028)	A Brooks Fleming and Winnie Fleming his wife and Georgia L Fleming Widow	Union Drilling Inc.	12.5+%	33/79	890
	Union Drilling Inc	Equitable Resources Exploration Inc		216/411	
	Equitable Resources Exploration Inc	Equitable Resources Energy Company		10/79	
	Equitable Resources Energy Company	Enervest East Limited Partnership		250/359	
	Enervest East Limited Partnership	Enervest Management Partners LTD		24/221	
	Enervest Management Partners LTD	The Houston Exploration Company		27/93	
	The Houston Exploration Company	Seneca-Upshur Petroleum Inc		27/246	

Attachment to WW-6A1, Fiber II SOUTH 206

TAG AND PARCEL AND LEASE NUMBER	Grantor, Lessor, Assignor, etc.	Grantee, Lessee, Assignee, etc.	Royalty	Book/Page	Acreage
	Seneca-Upshur Petroleum Inc	Seneca-Upshur Petroleum LLC		31/427	
C 47-091-4-9-35 (00009725)	HOY LYNN & PATRICIA LYNN PRITT	MAR KEY LLC	12.5+%	76/256	1.51
D G P 47-091-4-9-54 47-091-4-9-40 47-001-09-8-1 (00004128)	ANNA KAY SMITH	Petroleum Development Corp			
			12.5+%	42/584	356
	Petroleum Development Corp PDC Mountaineer LLC	PDC Mountaineer LLC River Ridge Energy, LLC		30/698 59/1263	
D G P 47-091-4-9-54 47-091-4-9-40 47-001-09-8-1 (00004130)	AUGUSTIS B SMITH MARY A SMITH	Petroleum Development Corp			
			12.5+%	41/531	356
	Petroleum Development Corp PDC Mountaineer LLC	PDC Mountaineer LLC River Ridge Energy, LLC		30/698 59/1263	
D G P 47-091-4-9-54 47-091-4-9-40 47-001-09-8-1 (00004131)	DENVER D SMITH AND BERTIE SMITH	Petroleum Development Corp			
			12.5+%	41/513	356
	Petroleum Development Corp PDC Mountaineer LLC	PDC Mountaineer LLC River Ridge Energy, LLC		30/698 59/1263	
D G P 47-091-4-9-54 47-091-4-9-40 47-001-09-8-1 (00004132)	RICHARD G SMITH	Petroleum Development Corp			
			12.5+%	42/1	356
	Petroleum Development Corp PDC Mountaineer LLC	PDC Mountaineer LLC River Ridge Energy, LLC		30/698 59/1263	

Attachment to WW-6A1, Fiber II SOUTH 206

TAG AND PARCEL AND LEASE NUMBER	Grantor, Lessor, Assignor, etc.	Grantee, Lessee, Assignee, etc.	Royalty	Book/Page	Acreage
D G P 47-091-4-9-54 47-091-4-9-40 47-001-09-8-1 (00004133)	MURREL WILSON AND O B WILSON	Petroleum Development Corp	12.5+%	41/568	356
D G P 47-091-4-9-54 47-091-4-9-40 47-001-09-8-1 (00004134)	Petroleum Development Corp PDC Mountaineer LLC CAROLYN KAY STUART & GAIL B STUART	PDC Mountaineer LLC River Ridge Energy, LLC Petroleum Development Corp	12.5+%	30/698 59/1263 41/593	356
D G P 47-091-4-9-54 47-091-4-9-40 47-001-09-8-1 (00004135)	Petroleum Development Corp PDC Mountaineer LLC KIMBERLY ANN CORLEY VOLLMAN ET VIR	PDC Mountaineer LLC River Ridge Energy, LLC Petroleum Development Corp	12.5+%	30/698 59/1263 42/235	356
D G P 47-091-4-9-54 47-091-4-9-40 47-001-09-8-1 (00004136)	Petroleum Development Corp PDC Mountaineer LLC ELIZABETH STOUT	PDC Mountaineer LLC River Ridge Energy, LLC Petroleum Development Corp	12.5+%	30/698 59/1263 41/521	356
D G P 47-091-4-9-54 47-091-4-9-40 47-001-09-8-1 (00004137)	Petroleum Development Corp PDC Mountaineer LLC VIRGINIA SMITH	PDC Mountaineer LLC River Ridge Energy, LLC Petroleum Development Corp	12.5+%	30/698 59/1263 41/552	356

Attachment to WW-6A1, Fiber II SOUTH 206

TAG AND PARCEL AND LEASE NUMBER	Grantor, Lessor, Assignor, etc.	Grantee, Lessee, Assignee, etc.	Royalty	Book/Page	Acreage
D G P 47-091-4-9-54 47-091-4-9-40 47-001-09-8-1 (00004138)	Petroleum Development Corp	PDC Mountaineer LLC		30/698	
	PDC Mountaineer LLC	River Ridge Energy, LLC		59/1263	
	VIRGINIA JOY STEMPLE ET VIR	Petroleum Development Corp			
			12.5+%	41/564	356
D G P 47-091-4-9-54 47-091-4-9-40 47-001-09-8-1 (00004139)	Petroleum Development Corp	PDC Mountaineer LLC		30/698	
	PDC Mountaineer LLC	River Ridge Energy, LLC		59/1263	
	DONALD D SMITH	Petroleum Development Corp			
			12.5+%	41/556	356
D G P 47-091-4-9-54 47-091-4-9-40 47-001-09-8-1 (00004141)	Petroleum Development Corp	PDC Mountaineer LLC		30/698	
	PDC Mountaineer LLC	River Ridge Energy, LLC		59/1263	
	ERNEST T SMITH AND ADA SMITH	Petroleum Development Corp			
			12.5+%	41/517	356
D G P 47-091-4-9-54 47-091-4-9-40 47-001-09-8-1 (00004142)	Petroleum Development Corp	PDC Mountaineer LLC		30/698	
	PDC Mountaineer LLC	River Ridge Energy, LLC		59/1263	
	KENNETH SMITH AND BEATRICE SMITH	Petroleum Development Corp			
			12.5+%	41/572	356
	Petroleum Development Corp	PDC Mountaineer LLC		30/698	
	PDC Mountaineer LLC	River Ridge Energy, LLC		59/1263	

Attachment to WW-6A1, Fiber II SOUTH 206

TAG AND PARCEL AND LEASE NUMBER	Grantor, Lessor, Assignor, etc.	Grantee, Lessee, Assignee, etc.	Royalty	Book/Page	Acreage
D G P 47-091-4-9-54 47-091-4-9-40 47-001-09-8-1 (00004143)	MICHAEL SMITH & REBECCA SMITH	Petroleum Development Corp	12.5+%	42/98	356
D G P 47-091-4-9-54 47-091-4-9-40 47-001-09-8-1 (00004144)	Petroleum Development Corp PDC Mountaineer LLC FRANCELE EICH AND ROBERT EICH	PDC Mountaineer LLC River Ridge Energy, LLC Petroleum Development Corp	12.5+%	30/698 59/1263 41/501	356
D G P 47-091-4-9-54 47-091-4-9-40 47-001-09-8-1 (00004145)	Petroleum Development Corp PDC Mountaineer LLC ELEANOR GREATHOUSE & ONA SMITH L/E	PDC Mountaineer LLC River Ridge Energy, LLC Petroleum Development Corp	12.5+%	30/698 59/1263 41/657	356
D G P 47-091-4-9-54 47-091-4-9-40 47-001-09-8-1 (00004146)	Petroleum Development Corp PDC Mountaineer LLC PEARL FUNDAK AND FRANK FUNDAK	PDC Mountaineer LLC River Ridge Energy, LLC Petroleum Development Corp	12.5+%	30/698 59/1263 41/497	356
D G P 47-091-4-9-54 47-091-4-9-40 47-001-09-8-1 (00004147)	Petroleum Development Corp PDC Mountaineer LLC EVELYN MARTIN AND JAMES E MARTIN	PDC Mountaineer LLC River Ridge Energy, LLC Petroleum Development Corp	12.5+%	30/698 59/1263 41/649	356

Attachment to WW-6A1, Fiber II SOUTH 206

TAG AND PARCEL AND LEASE NUMBER	Grantor, Lessor, Assignor, etc.	Grantee, Lessee, Assignee, etc.	Royalty	Book/Page	Acreage
D G P 47-091-4-9-54 47-091-4-9-40 47-001-09-8-1 (00004148)	Petroleum Development Corp	PDC Mountaineer LLC		30/698	
	PDC Mountaineer LLC	River Ridge Energy, LLC		59/1263	
	BETTY LOU SHOCKEY	Petroleum Development Corp	12.5+%	41/601	356
D G P 47-091-4-9-54 47-091-4-9-40 47-001-09-8-1 (00004149)	Petroleum Development Corp	PDC Mountaineer LLC		30/698	
	PDC Mountaineer LLC	River Ridge Energy, LLC		59/1263	
	HAZEL POSTLETHWAIT	Petroleum Development Corp	12.5+%	41/560	356
D G P 47-091-4-9-54 47-091-4-9-40 47-001-09-8-1 (00004150)	Petroleum Development Corp	PDC Mountaineer LLC		30/698	
	PDC Mountaineer LLC	River Ridge Energy, LLC		59/1263	
	KATHLEEN ROACH	Petroleum Development Corp	12.5+%	41/613	356
D G P 47-091-4-9-54 47-091-4-9-40 47-001-09-8-1 (00004151)	Petroleum Development Corp	PDC Mountaineer LLC		30/698	
	PDC Mountaineer LLC	River Ridge Energy, LLC		59/1263	
	CONNIE SUE SCOTT AND ROY A SCOTT	Petroleum Development Corp	12.5+%	41/609	356
	Petroleum Development Corp	PDC Mountaineer LLC		30/698	
	PDC Mountaineer LLC	River Ridge Energy, LLC		59/1263	

Attachment to WW-6A1, Fiber II SOUTH 206

TAG AND PARCEL AND LEASE NUMBER	Grantor, Lessor, Assignor, etc.	Grantee, Lessee, Assignee, etc.	Royalty	Book/Page	Acreage
D G P 47-091-4-9-54 47-091-4-9-40 47-001-09-8-1 (00004152)	CARRIE JEANETTE SMITH	Petroleum Development Corp	12.5+%	41/509	356
D G P 47-091-4-9-54 47-091-4-9-40 47-001-09-8-1 (00004153)	Petroleum Development Corp PDC Mountaineer LLC ALVA O PHILLIPS	PDC Mountaineer LLC River Ridge Energy, LLC Petroleum Development Corp	12.5+%	30/698 59/1263 41/505	356
D G P 47-091-4-9-54 47-091-4-9-40 47-001-09-8-1 (00004154)	Petroleum Development Corp PDC Mountaineer LLC CHERYL LYNN CORLEY HALL ET VIR	PDC Mountaineer LLC River Ridge Energy, LLC Petroleum Development Corp	12.5+%	30/698 59/1263 41/661	356
D G P 47-091-4-9-54 47-091-4-9-40 47-001-09-8-1 (00004155)	Petroleum Development Corp PDC Mountaineer LLC SARAH SHIELDS	PDC Mountaineer LLC River Ridge Energy, LLC Petroleum Development Corp	12.5+%	30/698 59/1263 41/641	356
	Petroleum Development Corp PDC Mountaineer LLC	PDC Mountaineer LLC River Ridge Energy, LLC		30/698 59/1263	
E 47-091-4-9-33 (00009638)	DAVID L BROWN	MAR KEY LLC	12.5+%	76/201	1.8

Attachment to WW-6A1, Fiber II SOUTH 206

TAG AND PARCEL AND LEASE NUMBER	Grantor, Lessor, Assignor, etc.	Grantee, Lessee, Assignee, etc.	Royalty	Book/Page	Acreage
H 47-091-4-9-28 (00003939)	JAMES P AND BRENDA GAINES Petroleum Development Corp PDC Mountaineer LLC	PETROLEUM DEVELOPMENT CORP PDC Mountaineer LLC River Ridge Energy, LLC	12.5+%	43/74 30/698 59/1263	32.44
I 47-091-4-9-26 (00007917)	ELEANOR D GREATHOUSE	MAR KEY LLC	12.5+%	68/670	8.45
I 47-091-4-9-26 (00007923)	GWYNETH ALLANSON SMITH	MAR KEY LLC	12.5+%	68/682	8.45
ROAD	COUNTY ROUTE 13/4	SMITH FARM SUBSTATION RD			
J 47-091-4-9-25 (00009708)	PITTSBURGH-LIGONIER INC	MAR KEY	12.5+%	76/254	16.5
K 47-091-4-9-24 (00003557)	ONO D SMITH & ELEANOR GREATHOUSE Petroleum Development Corp PDC Mountaineer LLC	Petroleum Development Corp PDC Mountaineer LLC River Ridge Energy, LLC	12.5+%	41/365 30/698 59/1263	75.61
L 47-091-5-14-45.2 00009683	JANICE MARIE RATCLIFF	MAR KEY LLC	12.5+%	76/260	53.75
L 47-091-5-14-45.2 00009684	SHERRILL ANN THOMPSON	MAR KEY LLC	12.5+%	76/248	53.75
L 47-091-5-14-45.2 00009696	RONDA LAVY	MAR KEY LLC	12.5+%	76/224	53.75
L 47-091-5-14-45.2 00009697	RODNEY STALNAKER	MAR KEY LLC	12.5+%	76/238	53.75

Attachment to WW-6A1, Fiber II SOUTH 206

TAG AND PARCEL AND LEASE NUMBER	Grantor, Lessor, Assignor, etc.	Grantee, Lessee, Assignee, etc.	Royalty	Book/Page	Acreage
L 47-091-5-14-45.2 00009710	SCOTT M BURGESS	MAR KEY LLC	12.5+%	76/216	53.75
M 47-091-5-20-4 (00008166)	JAMES F KINSEY AND ALICIA M KINSEY	MAR KEY LLC	12.5+%	69/182	130
CREEK		GABE FORK			
N 47-091-5-14-67 (00005165)	MARK LEWIS STOUT ET UX	PDC Mountaineer LLC	12.5+%	64/51	269
O 47-091-5-20-10	COLLINGWOOD APPLACHIAN MINERALS II, LLC	MAR KEY LLC	12.5+%	See attached lease	68
O 47-091-5-20-10	COLLINGWOOD APPLACHIAN MINERALS III, LLC	MAR KEY LLC	12.5+%	See attached lease	68
Q 47-001-9-8-6 (00009688)	BENJAMIN F FINDLEY JR	MAR KEY LLC	12.5+%	186/151	36
R 47-001-9-8-7 (00009670)	WILMA L DALTON	MAR KEY LLC	12.5+%	186/171	35
R 47-001-9-8-7 (00009671)	CONNIE J MAYLE	MAR KEY LLC	12.5+%	186/163	35
R 47-001-09-8-7 (00009732)	MARY ALICE MAYLE	MAR KEY LLC	12.5+%	186/147	35
R 47-001-9-8-7 (00009672)	GLORIA JANE BOTSCH	MAR KEY LLC	12.5+%	186/165	35

Attachment to WW-6A1, Fiber II SOUTH 206

TAG AND PARCEL AND LEASE NUMBER	Grantor, Lessor, Assignor, etc.	Grantee, Lessee, Assignee, etc.	Royalty	Book/Page	Acreage
S, T, 47-001-9-8-8 47-001-9-8-8.1 (00005921)	SALLIE & C W PAUGH	UNION DRILLING INC AND ALLERTON MILLER	12.5+%	70/5	154.83
	Allerton Miller	Union Drilling Inc		98/11	
	Union Drilling Inc	Equitable Resources Exploration		325/219	
	Equitable Resources Exploration	Equitable Resources Energy Company		328/171	
	Equitable Resources Energy Company	Fuel Resources Production & Dev		116/81	
	Equitable Resources Energy Company	Enervest East Limited Partnership		129/524	
	Fuel Resources Production & Dev	The Houston Exploration Company		136/162	
	Enervest East Limited Partnership	The Houston Exploration Company		138/1	
	The Houston Exploration Company	Seneca-Upshur Petroleum Inc		139/48	
Seneca-Upshur Petroleum Inc	Seneca-Upshur Petroleum LLC		447/129		
ROAD	COUNTY ROUTE	10/1 UPPER PLEASANT CREEK RD			
U, V, W 47-001-9-8-9 47-001-9-8-9.1 47-001-9-8-10 (00005960)	A I AND VALARIE A SWIGER	UNION DRILLING INC AND ALLERTON MILLER	12.5+%	70/17	61
	Allerton Miller	Union Drilling Inc		98/11	
	Union Drilling Inc	Equitable Resources Exploration		325/219	
	Equitable Resources Exploration	Equitable Resources Energy Company		328/171	
	Equitable Resources Energy Company	Fuel Resources Production & Dev		116/81	

Attachment to WW-6A1, Fiber II SOUTH 206

TAG AND PARCEL AND LEASE NUMBER	Grantor, Lessor, Assignor, etc.	Grantee, Lessee, Assignee, etc.	Royalty	Book/Page	Acreage
W 47-001-9-8-10 (00009665)	Equitable Resources Energy Company	Enervest East Limited Partnership		129/524	
	Fuel Resources Production & Dev	The Houston Exploration Company		136/162	
	Enervest East Limited Partnership	The Houston Exploration Company		138/1	
	The Houston Exploration Company	Seneca-Upshur Petroleum Inc		139/48	
	Seneca-Upshur Petroleum Inc	Seneca-Upshur Petroleum LLC		447/129	
	DORIS C STOUT IRREV TRUST	MAR KEY	12.5+%	186/173	239.5
CREEK		PLEASANT CREEK			
X 47-001-9-13-23 (00005917)	SADIE C LAKE	CUMBERLAND AND ALLEGHENY GAS	12.5+%	45/423	472
	Cumberland and Allegheny Gas Company	Union Drilling Inc. & Allerton Miller		46/347	
	Allerton Miller	Union Drilling Inc.		98/11	
	Union Drilling Inc.	Equitable Resources Exploration		325/219	
	Equitable Resources Exploration	Equitable Resources Energy Co		328/171	
	Equitable Resources Energy Co	Fuel Resources Production & Development		116/81	
	Equitable Resources Energy Co	Enervest East Limited Partnership		129/524	
	Fuel Resources Production & Development	The Houston Exploration Company		136/162	
	Enervest East Limited Partnership	The Houston Exploration Company		138/1	
	The Houston Exploration Company	Seneca-Upshur Petroleum Inc		139/48	
	Seneca-Upshur Petroleum Inc	Seneca-Upshur Petroleum LLC		447/129	

Attachment to WW-6A1, Fiber II SOUTH 206

TAG AND PARCEL AND LEASE NUMBER	Grantor, Lessor, Assignor, etc.	Grantee, Lessee, Assignee, etc.	Royalty	Book/Page	Acreage
Y, Z 47-001-09-13-31 47-001-09-13-32 (00009653)	THOMAS CLEAVENGER	MAR KEY LLC	12.5+%	186/81	241
Y, Z 47-001-09-13-31 47-001-09-13-32 (00009657)	PATTY JEAN CLEAVENGER	MAR KEY LLC	12.5+%	186/175	241
Y, Z 47-001-09-13-31 47-001-09-13-32 (00009674)	RICHARD L CLEAVENGER	MAR KEY LLC	12.5+%	186/159	241
Y, Z 47-001-09-13-31 47-001-9-13-32 (00009717)	JOHN E CLEAVENGER	MAR KEY LLC	12.5+%	186/141	241
Y, Z 47-001-09-13-31 47-001-9-13-32 (00009716)	MITCHELL CLEAVENGER	MAR KEY LLC	12.5+%	186/143	241
Y, Z 47-001-09-13-31 47-001-9-13-32 (00009715)	SHARON WELCH-DORMAN	MAR KEY LLC	12.5+%	186/145	241
Y 47-001-09-13-31 (00009687)	JOANNE ATHEY	MAR KEY LLC	12.5+%	186/149	66
Y 47-001-09-13-31 (00009695)	SARA ANNE ROBBA	MAR KEY LLC	12.5+%	186/155	66
A1 47-001-09-13-35.7 (00005730)	LACO B AND ROXIE E CORDER	CUMBERLAND AND ALLEGHENY GAS	12.5+%	45/447	421

Attachment to WW-6A1, Fiber II SOUTH 206

TAG AND PARCEL AND LEASE NUMBER	Grantor, Lessor, Assignor, etc.	Grantee, Lessee, Assignee, etc.	Royalty	Book/Page	Acreage
	Cumberland and Allegheny Gas Company	Union Drilling Inc. & Allerton Miller		46/347	
	Allerton Miller	Union Drilling Inc.		98/11	
	Union Drilling Inc.	Equitable Resources Exploration		325/219	
	Equitable Resources Exploration	Equitable Resources Energy Co		328/171	
	Equitable Resources Energy Co	Fuel Resources Production & Development		116/81	
	Equitable Resources Energy Co	Enervest East Limited Partnership		129/524	
	Fuel Resources Production & Development	The Houston Exploration Company		136/162	
	Enervest East Limited Partnership	The Houston Exploration Company		138/1	
	The Houston Exploration Company	Seneca-Upshur Petroleum Inc		139/48	
	Seneca-Upshur Petroleum Inc	Seneca-Upshur Petroleum LLC		447/129	
B1 47-001-09-13-34.2 (00004198)	VERA V BOYLEN	W B BERRY	12.5+%	78/463	127
	W B BERRY	Petroleum Development Corp		81/335	
	W B BERRY	Petroleum Development Corp		103/575	
	Petroleum Development Corp	PDC Mountaineer LLC		150/444	
	PDC Mountaineer LLC	River Ridge Energy, LLC		59/1263	

MEMORANDUM OF NO SURFACE USE OIL AND GAS LEASE

State of West Virginia

County Taylor

Lessor: Collingwood Appalachian Minerals II, LLC
Lessor's Address: 20008 Champions Forrest Dr #10 Spring, TX 77379

Lessee: Mar Key, LLC.
Lessee's Address: 6031 Wallace Road Extension, Suite 200
Wexford, PA 15090

Date Executed: January 23, 2024
Effective Date: January 23, 2024

As of the Effective Date stated above, Lessors, named above, executed and delivered to Lessee, name above, a No Surface Use-Oil and Gas Lease, (the "Agreement") in which Lessors granted, leased, and let to Lessee lands (the "Lands") located in the County and State named, described as follows:

All that certain tract of land in Courthouse District, Taylor County, West Virginia, described in Deed Book(s) 207, at Page(s) 498, dated April 1, 1986 and recorded in the Recorder's Office of said County, containing 68.00000 acres, more or less. Said Leased Premises, including but not limited to tract(s) being identified for tax purposes as parcel number(s) 47-091-05-20-10, as of the date of this Agreement. Notwithstanding said tax map designation, the Agreement shall be effective as to the tract(s) described in Deed Book 207, at Page 498 and actually owned by Lessor whether or not the tax map designation correctly identifies the location of the tract. It being the purpose and intent of Lessor to lease and Lessor does hereby lease all interests in the land above described now owned or hereafter acquired by Lessor. This Lease also covers and includes, in addition to that above described, all land, if any, contiguous or adjacent to or adjoining the lands above described and (a) owned or claimed by Lessor, by limitation, prescription, possession, reversion or unrecorded instrument or (b) as to which Lessor has a preference right of acquisition. Lessor agrees to execute any supplemental instrument requested by Lessee for a more complete or accurate description of said land.

The Agreement is for a primary term of One (1) year from the Effective Date stated above and as long thereafter as oil, gas or other minerals are produced from the lands described above, or lands pooled therewith, according to and by the terms and provisions of the Agreement between Lessor and Lessee. The Agreement, with all of its terms, covenants and other provisions, is referred to and incorporated into this Memorandum for all purposes.

This Memorandum of No Surface Use-Oil and Gas Lease, is executed by Lessor and Lessee and placed of record in the County in which the Lands are located for the purpose of placing all persons on notice of the existence of the Agreement which Agreement is not, at the request of both parties, being placed of record.

WITNESS:

LESSORS:
COLLINGWOOD APPALACHIAN MINERALS II, LLC


By: Robert Hadlow, Attorney in Fact

By:

ACKNOWLEDGMENT

STATE OF Texas)
COUNTY OF Harris) SS:

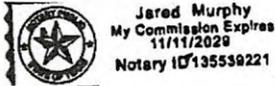
On this the 23 day of JAN., 2026, before me, the undersigned officer personally appeared **Robert Hadlow**, who acknowledged himself to be the **attorney in fact for Collingwood Appalachian Minerals II, LLC** and as such being authorized to do so, executed the foregoing instrument for the purposes therein contained by signing his name as **attorney in fact**.

IN WITNESS WHEREOF, I hereunto set my hand and official seal.

My Commission Expires: 11/11/29

Signature/Notary Public: [Signature]

Name/Notary Public (print): JARED Murphy



ACKNOWLEDGMENT

STATE OF _____)
COUNTY OF _____) SS:

On this the _____ day of _____, 2026, before me, the undersigned officer, appeared _____ satisfactorily proven to be the person(s) whose name(s) is/are subscribed to the within instrument, and acknowledged that he/she executed the same for the purposes therein contained.

IN WITNESS WHEREOF, I hereunto set my hand and official seal.

My Commission Expires: _____

Signature/Notary Public: _____

Name/Notary Public (print): _____

ACKNOWLEDGMENT

PREPARED BY & RETURN TO:
MAR KEY, LLC
6031 WALLACE RD EXT, STE 200
WEXFORD, PA 15090

02/13/2026

MEMORANDUM OF NO SURFACE USE OIL AND GAS LEASE

State of West Virginia

County Taylor

Lessor: Collingwood Appalachian Minerals III, LLC
Lessor's Address: 20008 Champions Forrest Dr #10 Spring, TX 77379

Lessee: Mar Key, LLC.
Lessee's Address: 6031 Wallace Road Extension, Suite 200
Wexford, PA 15090

Date Executed: January 23, 2026
Effective Date: January 23, 2026

As of the Effective Date stated above, Lessors, named above, executed and delivered to Lessee, name above, a No Surface Use-Oil and Gas Lease, (the "Agreement") in which Lessors granted, leased, and let to Lessee lands (the "Lands") located in the County and State named, described as follows:

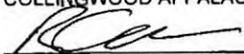
All that certain tract of land in Courthouse District, Taylor County, West Virginia, described in Deed Book(s) 207, at Page(s) 498, dated April 1, 1986 and recorded in the Recorder's Office of said County, containing 68.00000 acres, more or less. Said Leased Premises, including but not limited to tract(s) being identified for tax purposes as parcel number(s) 47-091-05-20-10, as of the date of this Agreement. Notwithstanding said tax map designation, the Agreement shall be effective as to the tract(s) described in Deed Book 207, at Page 498 and actually owned by Lessor whether or not the tax map designation correctly identifies the location of the tract. It being the purpose and intent of Lessor to lease and Lessor does hereby lease all interests in the land above described now owned or hereafter acquired by Lessor. This Lease also covers and includes, in addition to that above described, all land, if any, contiguous or adjacent to or adjoining the lands above described and (a) owned or claimed by Lessor, by limitation, prescription, possession, reversion or unrecorded instrument or (b) as to which Lessor has a preference right of acquisition. Lessor agrees to execute any supplemental instrument requested by Lessee for a more complete or accurate description of said land.

The Agreement is for a primary term of One (1) year from the Effective Date stated above and as long thereafter as oil, gas or other minerals are produced from the lands described above, or lands pooled therewith, according to and by the terms and provisions of the Agreement between Lessor and Lessee. The Agreement, with all of its terms, covenants and other provisions, is referred to and incorporated into this Memorandum for all purposes.

This Memorandum of No Surface Use-Oil and Gas Lease, is executed by Lessor and Lessee and placed of record in the County in which the Lands are located for the purpose of placing all persons on notice of the existence of the Agreement which Agreement is not, at the request of both parties, being placed of record.

WITNESS:

LESSORS:
COLLINGWOOD APPALACHIAN MINERALS III, LLC


By: Robert Hadlow, Attorney in Fact

By:

ACKNOWLEDGMENT

STATE OF Texas)
COUNTY OF Harris) SS:

On this the 23 day of JAN, 2026, before me, the undersigned officer personally appeared **Robert Hadlow**, who acknowledged himself to be the **attorney in fact for Collingwood Appalachian Minerals III, LLC** and as such being authorized to do so, executed the foregoing instrument for the purposes therein contained by signing his name as **attorney in fact**.

IN WITNESS WHEREOF, I hereunto set my hand and official seal.

My Commission Expires: 11/11/29



Jared Murphy
My Commission Expires
11/11/2029
Notary ID 135539221

Signature/Notary Public: [Signature]

Name/Notary Public (print): JARED MURPHY

ACKNOWLEDGMENT

STATE OF _____)
COUNTY OF _____) SS:

On this the _____ day of _____, 2026, before me, the undersigned officer, appeared _____ satisfactorily proven to be the person(s) whose name(s) is/are subscribed to the within instrument, and acknowledged that he/she executed the same for the purposes therein contained.

IN WITNESS WHEREOF, I hereunto set my hand and official seal.

My Commission Expires: _____

Signature/Notary Public: _____

Name/Notary Public (print): _____

PREPARED BY & RETURN TO:
MAR KEY, LLC
6031 WALLACE RD EXT, STE 200
WEXFORD, PA 15090

02/13/2026