



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

Wednesday, February 25, 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 201
47-091-01393-00-00

Lateral Extension

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: HOMER 201
Farm Name: ATLAS SHRUGGING LLC
U.S. WELL NUMBER: 47-091-01393-00-00
Horizontal 6A New Drill
Date Modification Issued: 2/25/2026

Promoting a healthy environment.

02/27/2026

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 201 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

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8) Proposed Total Vertical Depth: 7,708'

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9) Formation at Total Vertical Depth: Marcellus Shale

10) Proposed Total Measured Depth: 31,822'

WV Department of
Environmental Protection

11) Proposed Horizontal Leg Length: 23,642'

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: _____

Ch# 205375
2500'

Digitally signed by
Gayne Knitowski
Date: 2026.02.04
07:45:14 -05'00'

Gayne
Knitowski

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	950	950	CTS
Coal							
Intermediate	9.625	New	J-55	40	1,500	1,500	CTS
Production	5.5	New	P-110	23	31,822	31,822	TOC @ 1,350
Tubing							
Liners							

Gayne Knitowski
Digitally signed by Gayne Knitowski
Date: 2026.02.04 07:45:37 -05'00'

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

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

FEB 11 2026

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

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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 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.

Plan #9



Project: Taylor Co, WV (NAD83 - WV N)
 Site: Homer Pad
 Well: Homer 201
 Wellbore: OH
 Design: Plan #9
 Lat: 39.254817
 Long: -80.130425
 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 201

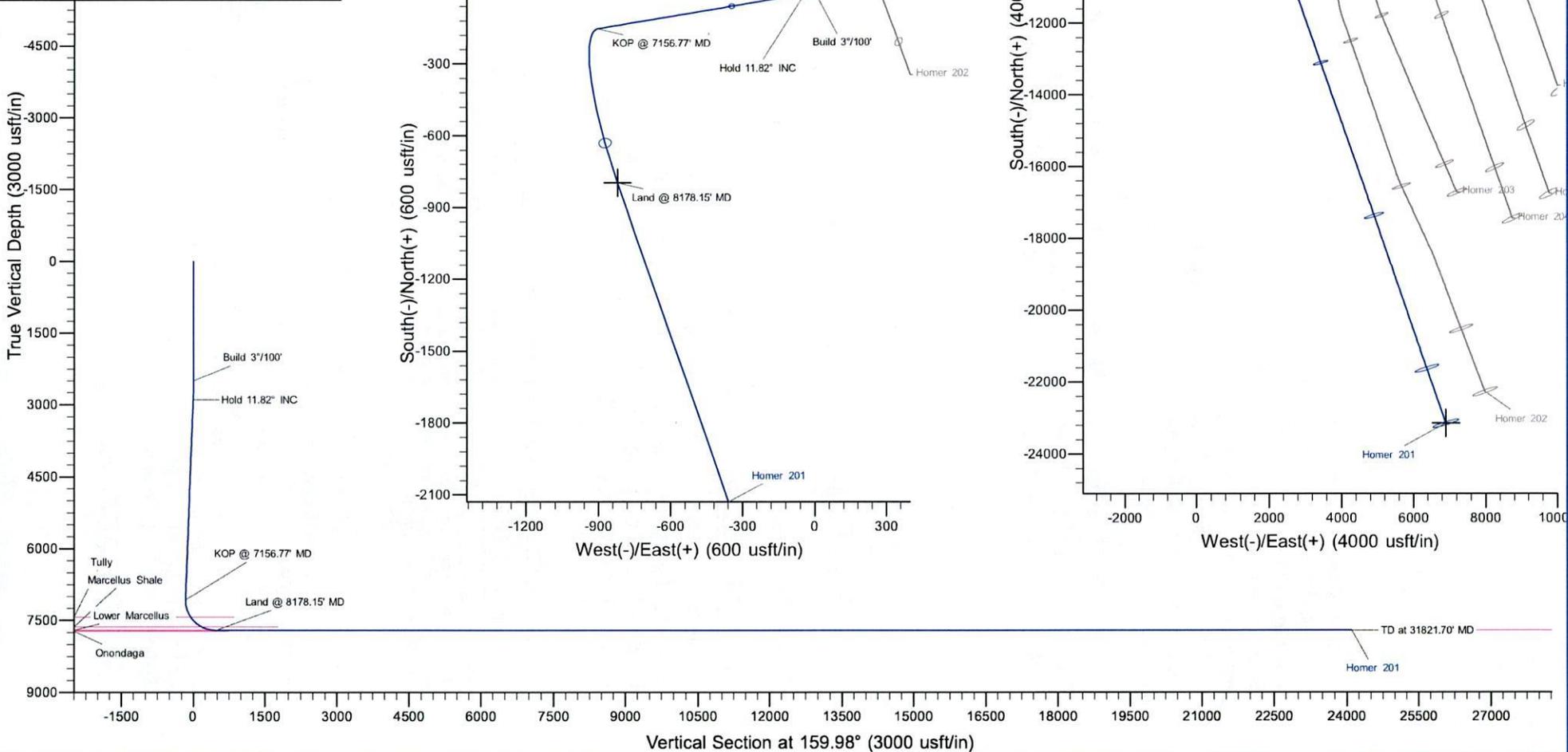
+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
0.00	0.00	275551.46	1789981.69	39.254817	-80.130425

SECTION DETAILS

MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSec	Annotation
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	Build 3°/100'
2500.00	0.00	0.00	2500.00	0.00	0.00	0.00	0.00	0.00	Hold 11.82° INC
2894.00	11.82	260.36	2891.22	-6.78	-39.93	3.00	260.36	-7.30	KOP @ 7156.77' MD
7156.77	11.82	260.36	7063.59	-152.93	-900.79	0.00	0.00	-164.70	Land @ 8178.15' MD
8178.15	90.00	160.93	7708.00	-797.73	-818.64	9.00	-99.24	469.27	TD at 31821.70' MD
31821.70	90.00	160.93	7708.00	-23143.56	6906.71	0.00	0.00	24109.57	

FORMATION TOP DETAILS

TVDPath	MDPath	Formation
7433.00	7555.72	Tully
7633.00	7862.67	Marcellus Shale
7702.00	8089.76	Lower Marcellus



Area of Review Report - Fiber II Pad, Homer 201 Lateral, Taylor County, WV

709101393

Well Name	API Number	Operator Name / Address	Well Type	Latitude	Longitude	Total Depth	Perforated Formation(s)	Producing Zones not Perforated
Ann Ross Dunn 1; 202-CH	091-00089	WV Mineral Group, LLC	Existing	39.246137	-80.131151	4,497	Benson	Riley
Ann Ross Dunn 1	091-00582	WV Mineral Group, LLC	Existing	39.241828	-80.128535	4,750	Benson	Riley
Ada Cleavenger 3	001-00649	NA	Plugged	39.233813	-80.127704	4,585	Benson	NA
Beckwith Lumber Company Inc 4A	001-02837	Wolf Run Mining LLC	Existing	39.230668	-80.125403	817	Lower Kittanning Coal	NA
Beckwith Lumber Company Inc 4	001-02834	Wolf Run Mining LLC	Existing	39.230378	-80.1242	893	Lower Kittanning Coal	NA
Beckwith Lumber 2	001-02286	WV Mineral Group, LLC	Existing	39.229792	-80.122293	4,587	Benson	Riley, Gordon, Gantz, Big Injun
Bessie Morrow 1	001-00343	NA	Plugged	39.216628	-80.116149	4,491	Benson	NA
William E Jr & Gerry L Jacobs 3340	001-00696	Diversified Production, LLC	Existing	39.210275	-80.114802	4,578	Benson	NA
A J/lla/G B Wolfe 1-WV-001	001-02803	Arch Reclamation Services LLC	Existing	39.205383	-80.113332	1,172	Lower Kittanning Coal	NA
A J/G Brent Wolfe 1A	001-02804	Arch Reclamation Services LLC	Existing	39.206164	-80.112897	1,169	Lower Kittanning Coal	NA
David Brent Wolfe/G Brent Wolfe 2	001-02808	Wolf Run Mining LLC	Plugged (2023)	39.206164	-80.111832	1,205	Lower Kittanning Coal	NA
David Brent Wolfe/G Brent Wolfe 3	001-02809	Arch Reclamation Services LLC	Plugged (2024)	39.206871	-80.113433	1,283	Lower Kittanning Coal	NA
David Brent Wolfe/G Brent Wolfe 5	001-02978	Arch Reclamation Services LLC	Existing	39.203381	-80.11079	2,174	Lower Kittanning Coal	NA
David Brent Wolfe/G Brent Wolfe 5A	001-02979	Arch Reclamation Services LLC	Plugged (2022)	39.206065	-80.112922	unknown	unknown	Upper Kittanning Coal
A J Ila & G Brent Wolfe 6	001-02980	Arch Reclamation Services LLC	Existing	39.206405	-80.113795	1,336	Lower Kittanning Coal	Upper Kittanning Coal
Bernard Wolf A-584	001-00102	Mule Head, LLC	Existing	39.202655	-80.11235	4,523	Benson	Riley, Speechley, Fifth

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**ARSENAL RESOURCES LLC
FIBER II PAD
HOMER 201**

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

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

NAD'83 S.P.C.(FT)	N. 275,551.44	E. 1,789,981.81
NAD'83 GEO.	LAT-(N) 39.254817	LONG-(W) 80.130425
NAD'83 UTM (M)	N. 4,345,414.79	E. 575,027.81
<u>LANDING POINT</u>		
NAD'83 S.P.C.(FT)	N. 274,754.1	E. 1,789,163.0
NAD'83 GEO.	LAT-(N) 39.252612	LONG-(W) 80.133296
NAD'83 UTM (M)	N. 4,345,167.7	E. 574,782.4
<u>BOTTOM HOLE</u>		
NAD'83 S.P.C.(FT)	N. 252,409.8	E. 1,796,888.5
NAD'83 GEO.	LAT-(N) 39.191412	LONG-(W) 80.105484
NAD'83 UTM (M)	N. 4,338,399.2	E. 577,249.2

T.H. LONGITUDE 80°07'30"
B.H. LONGITUDE 80°05'00"
6,164' B.H.

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)	Ⓐ

NOTES ON SURVEY

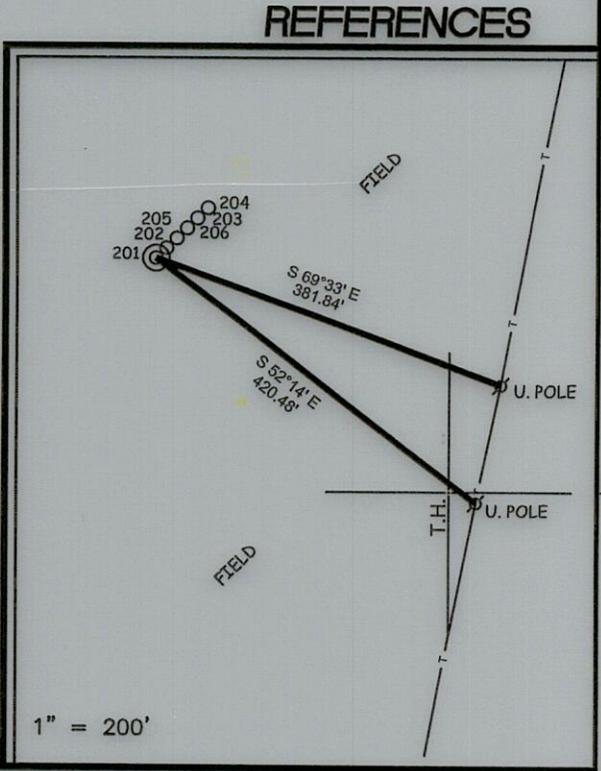
- NO WATER WELLS WERE FOUND WITHIN 250' OF PROPOSED GAS WELL. NO AGRICULTURAL BUILDINGS > 2500 SQ. FT. OR DWELLINGS WERE FOUND WITHIN 625' OF THE CENTER OF PROPOSED WELL PAD.
- WELL SPOT CIRCLE & TOPO MARK SCALE ARE 1"=2000'

LINE	BEARING	DISTANCE
L1	S 80°23' W	913.74'

CURVE	RADIUS	ARC LENGTH	CHORD LENGTH	CHORD BEARING
C1	37.45'	31.89'	30.94'	S 49°34' W
C2	280.71'	136.03'	134.71'	S 04°53' W
C3	2280.82'	505.19'	504.16'	S 13°26' E



12 Vanhorn Drive | P.O. Box 150 | Glenville, WV 26351 | 304.462.6634
1412 Kanawha Boulevard, East | Charleston, WV 25301 | 304.346.3952
254 East Beckley Bypass | Beckley, WV 25801 | 304.255.5296
slswv.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 FEBRUARY 3, 20 26
REVISED _____, 20 _____
OPERATORS WELL NO. 201
API WELL NO. 47 - 091 - 01393
STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1 / 2500 FILE NO. 9205P201-012226.dwg
HORIZONTAL & VERTICAL CONTROL DETERMINED BY: DGPS (SURVEY GRADE TIE TO CORS NETWORK) SCALE 1" = 2000'

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



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

LOCATION: ELEVATION 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 571.761 & 601.504

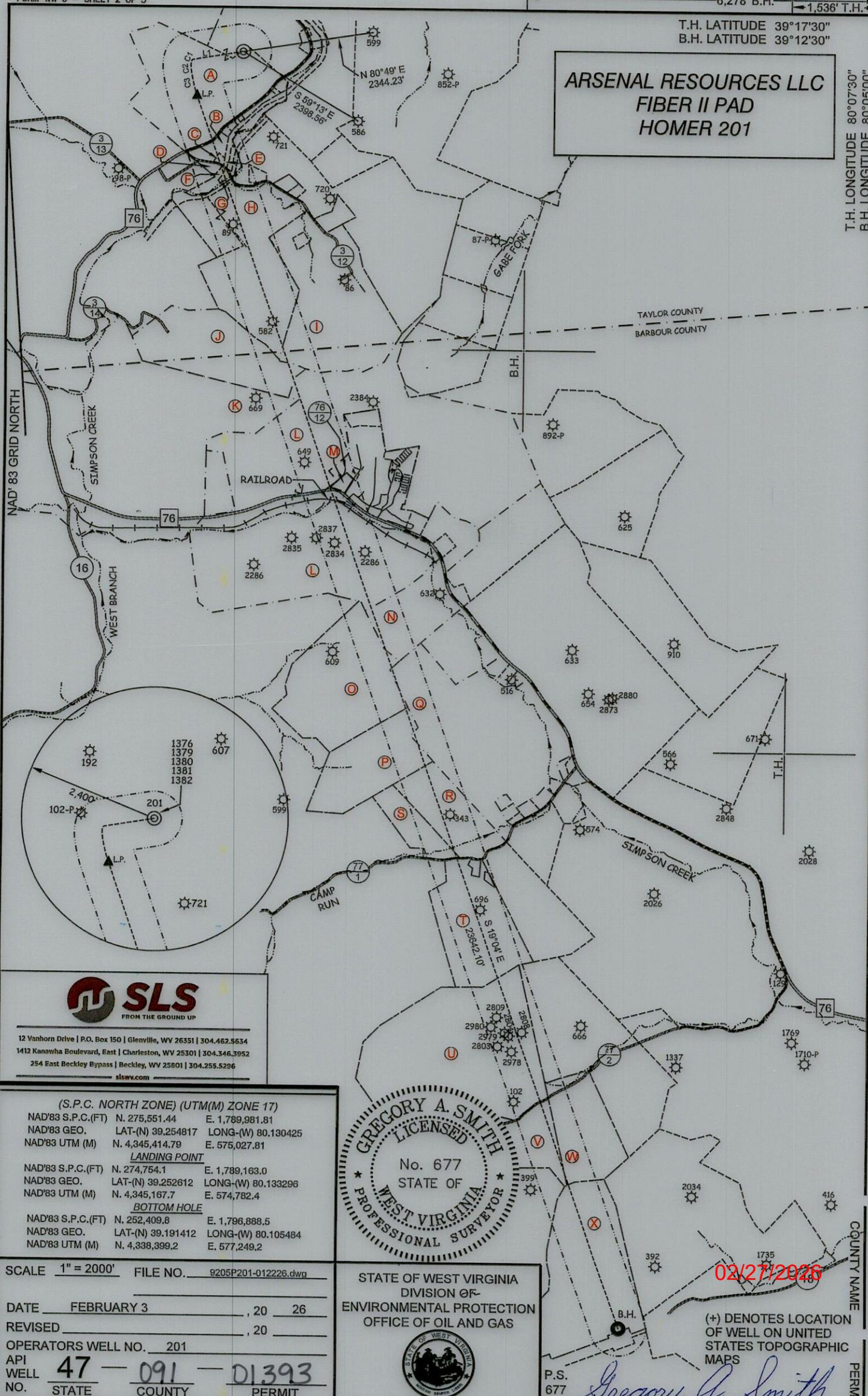
PROPOSED WORK: DRILL X CONVERT _____ DRILL DEEPER _____ REDRILL _____ FRACTURE OR STIMULATE X PLUG OFF OLD FORMATION _____ PERFORATE NEW FORMATION _____ PLUG AND ABANDON _____ CLEAN OUT AND REPLUG _____ OTHER _____
PHYSICAL CHANGE IN WELL (SPECIFY) _____ TARGET FORMATION MARCELLUS
ESTIMATED DEPTH TMD 31,822' / TVD 7,708'

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

**ARSENAL RESOURCES LLC
FIBER II PAD
HOMER 201**

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



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1412 Kanawha Boulevard, East | Charleston, WV 25301 | 304.346.3952
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slswv.com



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



02/27/2025

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

P.S.
677

Gregory A. Smith

(S.P.C. NORTH ZONE) (UTM(M) ZONE 17)			
NAD'83 S.P.C.(FT)	N. 275,551.44	E. 1,789,981.81	
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NAD'83 UTM (M)	N. 4,338,399.2	E. 577,249.2	

SCALE 1" = 2000' FILE NO. 9205P201-012226.dwg

DATE FEBRUARY 3, 20 26

REVISED _____, 20 _____

OPERATORS WELL NO. 201

API WELL NO. 47 - 091 - 01393

STATE COUNTY PERMIT

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

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ARSENAL RESOURCES LLC
FIBER II PAD
HOMER 201



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TAG	PARCEL	SURFACE OWNER	ACREAGE
A	4-11-1	ATLAS SHRUGGING LLC	897.36
ROAD	N/A	W.V. RT. 76	N/A
B	4-11-20	MAR KEY LLC	11.19
C	4-11-20.1	ELMER & DEBRA PYLE	1
D	4-11-22	DONALD S HAYS	1
CREEK	N/A	SIMPSON CREEK	N/A
E	4-9-54	PDC MOUNTAINEER LLC	13.54
ROAD	N/A	CO. RT. 3/12	N/A
F	4-11-29	JOHN SIMPSON	17.46
G	4-11-21	SUSAN MARIE FOGUS	0.71
H	4-11-24	ROSS A DUNN & JOHN B DUNN	93.81
I	4-10-3	CLINTON & CANDANCE DRAINER IRR TRUST	98.77
J	4-11-25	BECKWITH LUMBER COMPANY	61.25
K	9-9-17.2	DENVER S WILFONG JR	195.3
L	9-8-1	BECKWITH LUMBER CO INC	444.17
M	9-8A-27	JEFFREY JR & JONI MARTIN	1.48
ROAD	N/A	CO. RT. 76/12	N/A
RAILROAD	N/A	N/F CSX	N/A
N	9-13-2	BECKWITH LUMBER COMPANY INC	40
O	9-13-1	BECKWITH LUMBER COMPANY INC	81
P	9-13-3	BRENT GLEN MORROW ET AL	51
Q	9-13-23	BECKWITH LUMBER CO INC	413.2
R	9-13-8	BRIAN L & REBECCA J WENTZ	36
S	9-13-4	BRIAN L & REBECCA J WENTZ	22
CREEK	N/A	CAMP RUN	N/A
ROAD	N/A	CO. RT. 77/1	N/A
T	9-13-9	WILLIAM E JACOBS JR ET AL	53.89
U	9-21-1	G BRENT WOLFE ET AL	145.4
ROAD	N/A	CO. RT. 77/2	N/A
V	9-21-2	BOB & ELIZABETH BLANKENSHIP	92
W	9-21-1.1	GRAYDEN BRENT WOLFE	44.55
X	4-4-11	BRIAN & REBECCA WENTZ	207

FILE NO. 9205P201-012226.dwg

DATE FEBRUARY 3, 20 26

REVISED _____, 20 _____

OPERATORS WELL NO. 201

API WELL NO. 47 — 091 — 01393
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 HOMER SOUTH 201

Tag, Parcel, Lease	Grantor, Lessor, Assignor, etc.	Grantee, Lessee, Assignee, etc.	Book/Page	Royalty	Acreage
A 47-091-4-11-1 (00005213)	Chester Sinsel and Frances Sinsel, his wife	Union Drilling Inc	35/488	12.5+%	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 47-091-4-11-1 (00006028)	A Brooks Fleming and Winnie Fleming his wife and Georgia L Fleming Widow	Union Drilling Inc.	33/79	12.5+%	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		
	Seneca-Upshur Petroleum Inc	Seneca-Upshur Petroleum LLC	31/427		
ROAD		WV ROUTE 76			
B, C, D, G 47-091-4-11-20 47-091-4-11-20.1 47-091-4-11-22 47-091-4-11-21 (00009798)	Collingwood Appalachian Minerals II	Mar Key LLC	See attached lease	12.5+%	20
B, C, D, G 47-091-4-11-20 47-091-4-11-20.1 47-091-4-11-22 47-091-4-11-21 (00009840)	Collingwood Appalachian Minerals III	Mar Key LLC	See attached lease	12.5+%	20
B 47-091-4-11-20 (00004271)	JAMES B AND ALMA E ROSS	UNION DRILLING INC	40/504	12.5+%	134
	Union Drilling Inc	Equitable Resources Exploration Inc	9/427		
	Equitable Resources Exploration Inc	Equitable Resources Energy Company	10/79		
	Equitable Resources Energy Company	Petroleum Development Corp	12/137		
	Petroleum Development Corp	PDC Mountaineer LLC	30/698		

Attachment to WW-6A1, Fiber II HOMER SOUTH 201

Tag, Parcel, Lease	Grantor, Lessor, Assignor, etc.	Grantee, Lessee, Assignee, etc.	Book/Page	Royalty	Acreage
B 47-091-4-11-20 (00004272)	PDC Mountaineer LLC	River Ridge Energy, LLC	59/1263	12.5+%	134
	ANN ROSS DUNN AND JOHN R DUNN	UNION DRILLING INC	40/489		
	Union Drilling Inc	Equitable Resources Exploration Inc	9/427		
	Equitable Resources Exploration Inc	Equitable Resources Energy Company	10/79		
	Equitable Resources Energy Company	Petroleum Development Corp	12/137		
	Petroleum Development Corp	PDC Mountaineer LLC	30/698		
	PDC Mountaineer LLC	River Ridge Energy, LLC	59/1263		
CREEK		SIMPSON CREEK			
E 47-091-4-9-54 (00004128)	ANNA KAY SMITH	Petroleum Development Corp	42/584	12.5+%	356
	Petroleum Development Corp	PDC Mountaineer LLC	30/698		
E 47-091-4-9-54 (00004130)	PDC Mountaineer LLC	River Ridge Energy, LLC	59/1263	12.5+%	356
	AUGUSTIS B SMITH MARY A SMITH	Petroleum Development Corp	41/531		
E 47-091-4-9-54 (00004131)	Petroleum Development Corp	PDC Mountaineer LLC	30/698	12.5+%	356
	PDC Mountaineer LLC	River Ridge Energy, LLC	59/1263		
DENVER D SMITH AND BERTIE SMITH	Petroleum Development Corp	41/513			
E 47-091-4-9-54 (00004132)	Petroleum Development Corp	PDC Mountaineer LLC	30/698	12.5+%	356
	PDC Mountaineer LLC	River Ridge Energy, LLC	59/1263		
RICHARD G SMITH	Petroleum Development Corp	42/1			
E 47-091-4-9-54 (00004133)	Petroleum Development Corp	PDC Mountaineer LLC	30/698	12.5+%	356
	PDC Mountaineer LLC	River Ridge Energy, LLC	59/1263		
MURREL WILSON AND O B WILSON	Petroleum Development Corp	41/568			
E 47-091-4-9-54 (00004134)	Petroleum Development Corp	PDC Mountaineer LLC	30/698	12.5+%	356
	PDC Mountaineer LLC	River Ridge Energy, LLC	59/1263		
CAROLYN KAY STUART & GAIL B STUART	Petroleum Development Corp	41/593			
	Petroleum Development Corp	PDC Mountaineer LLC	30/698		

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E 47-091-4-9-54 (00004135)	PDC Mountaineer LLC KIMBERLY ANN CORLEY VOLLMAN ET VIR	River Ridge Energy, LLC Petroleum Development Corp	59/1263 42/235	12.5+%	356
E 47-091-4-9-54 (00004136)	Petroleum Development Corp PDC Mountaineer LLC ELIZABETH STOUT	PDC Mountaineer LLC River Ridge Energy, LLC Petroleum Development Corp	30/698 59/1263 41/521	12.5+%	356
E 47-091-4-9-54 (00004137)	Petroleum Development Corp PDC Mountaineer LLC VIRGINIA SMITH	PDC Mountaineer LLC River Ridge Energy, LLC Petroleum Development Corp	30/698 59/1263 41/552	12.5+%	356
E 47-091-4-9-54 (00004138)	Petroleum Development Corp PDC Mountaineer LLC VIRGINIA JOY STEMPLER ET VIR	PDC Mountaineer LLC River Ridge Energy, LLC Petroleum Development Corp	30/698 59/1263 41/564	12.5+%	356
E 47-091-4-9-54 (00004139)	Petroleum Development Corp PDC Mountaineer LLC DONALD D SMITH	PDC Mountaineer LLC River Ridge Energy, LLC Petroleum Development Corp	30/698 59/1263 41/556	12.5+%	356
E 47-091-4-9-54 (00004141)	Petroleum Development Corp PDC Mountaineer LLC ERNEST T SMITH AND ADA SMITH	PDC Mountaineer LLC River Ridge Energy, LLC Petroleum Development Corp	30/698 59/1263 41/517	12.5+%	356
E 47-091-4-9-54 (00004142)	Petroleum Development Corp PDC Mountaineer LLC KENNETH SMITH AND BEATRICE SMITH	PDC Mountaineer LLC River Ridge Energy, LLC Petroleum Development Corp	30/698 59/1263 41/572	12.5+%	356
E 47-091-4-9-54 (00004143)	Petroleum Development Corp PDC Mountaineer LLC MICHAEL SMITH & REBECCA SMITH	PDC Mountaineer LLC River Ridge Energy, LLC Petroleum Development Corp	30/698 59/1263 42/98	12.5+%	356
	Petroleum Development Corp	PDC Mountaineer LLC	30/698		

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E 47-091-4-9-54 (00004144)	PDC Mountaineer LLC FRANCELLE EICH AND ROBERT EICH	River Ridge Energy, LLC Petroleum Development Corp	59/1263 41/501	12.5+%	356
E 47-091-4-9-54 (00004145)	Petroleum Development Corp PDC Mountaineer LLC ELEANOR GREATHOUSE & ONA SMITH L/E	PDC Mountaineer LLC River Ridge Energy, LLC Petroleum Development Corp	30/698 59/1263 41/657	12.5+%	356
E 47-091-4-9-54 (00004146)	Petroleum Development Corp PDC Mountaineer LLC PEARL FUNDAK AND FRANK FUNDAK	PDC Mountaineer LLC River Ridge Energy, LLC Petroleum Development Corp	30/698 59/1263 41/497	12.5+%	356
E 47-091-4-9-54 (00004147)	Petroleum Development Corp PDC Mountaineer LLC EVELYN MARTIN AND JAMES E MARTIN	PDC Mountaineer LLC River Ridge Energy, LLC Petroleum Development Corp	30/698 59/1263 41/649	12.5+%	356
E 47-091-4-9-54 (00004148)	Petroleum Development Corp PDC Mountaineer LLC BETTY LOU SHOCKEY	PDC Mountaineer LLC River Ridge Energy, LLC Petroleum Development Corp	30/698 59/1263 41/601	12.5+%	356
E 47-091-4-9-54 (00004149)	Petroleum Development Corp PDC Mountaineer LLC HAZEL POSTLETHWAIT	PDC Mountaineer LLC River Ridge Energy, LLC Petroleum Development Corp	30/698 59/1263 41/560	12.5+%	356
E 47-091-4-9-54 (00004150)	Petroleum Development Corp PDC Mountaineer LLC KATHLEEN ROACH	PDC Mountaineer LLC River Ridge Energy, LLC Petroleum Development Corp	30/698 59/1263 41/613	12.5+%	356
E 47-091-4-9-54 (00004151)	Petroleum Development Corp PDC Mountaineer LLC CONNIE SUE SCOTT AND ROY A SCOTT	PDC Mountaineer LLC River Ridge Energy, LLC Petroleum Development Corp	30/698 59/1263 41/609	12.5+%	356
	Petroleum Development Corp	PDC Mountaineer LLC	30/698		

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E 47-091-4-9-54 (00004152)	PDC Mountaineer LLC CARRIE JEANETTE SMITH	River Ridge Energy, LLC Petroleum Development Corp	59/1263 41/509	12.5+%	356
E 47-091-4-9-54 (00004153)	Petroleum Development Corp PDC Mountaineer LLC ALVA O PHILLIPS	PDC Mountaineer LLC River Ridge Energy, LLC Petroleum Development Corp	30/698 59/1263 41/505	12.5+%	356
E 47-091-4-9-54 (00004154)	Petroleum Development Corp PDC Mountaineer LLC CHERYL LYNN CORLEY HALL ET VIR	PDC Mountaineer LLC River Ridge Energy, LLC Petroleum Development Corp	30/698 59/1263 41/661	12.5+%	356
E 47-091-4-9-54 (00004155)	Petroleum Development Corp PDC Mountaineer LLC SARAH SHIELDS	PDC Mountaineer LLC River Ridge Energy, LLC Petroleum Development Corp	30/698 59/1263 41/641	12.5+%	356
ROAD		PDC Mountaineer LLC River Ridge Energy, LLC	30/698 59/1263		
F 47-091-4-11-29 (00008187)	John Simpson	COUNTY ROUTE 3/12 Mar Key LLC		69/190 12.5+%	12.11
H, J 47-091-4-11-24 47-091-4-11-25 P/O (00003932)	ANN ROSS DUNN AND JOHN R DUNN	UNION DRILLING INC	40/489	12.5+%	134
	Union Drilling Inc	Petroleum Development Corp	112/263		
	Union Drilling Inc	Equitable Resources Exploration Inc	6/539		
	Union Drilling Inc	Equitable Resources Exploration Inc	9/427		
	Equitable Resources Exploration Inc	Petroleum Development Corp	114/303		
	Equitable Resources Exploration Inc	Petroleum Development Corp	114/400		
	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		

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I, J 47-091-4-10-3 47-091-4-11-25 P/O (00008288)	ETHEL A TOMBLYN ET AL	PETRO-LEWIS CORPORATION	33/252	12.5+%	61.5
	Petro-Lewis Corporation	Partnership Properties Company	3/176		
	Partnership Properties Company	Eastern American Energy Corporation	4/381		
	Eastern American Energy Corporation	Energy Corporation of America	16/488		
	Energy Corporation of America	Greylock Production LLC	36/618		
	Greylock Production LLC	Mar Key LLC	37/8		
I 47-091-4-10-3 (00006027)	CLAGET H AND JEAN W ROSS	UNION DRILLING INC	63/573	12.5+%	100
	Union Drilling Inc	Equitable Resources Exploration Inc	216/411		
	Equitable Resources Exploration Inc	Equitable Resources Energy Company	6/547		
	Equitable Resources Energy Company	Enervest East Limited Partnership	250/359		
	Enervest East Limited Partnership	The Houston Exploration Company	138/1		
	The Houston Exploration Company	Seneca-Upshur Petroleum Inc	27/426		
	Seneca-Upshur Petroleum Inc	Seneca-Upshur Petroleum LLC	31/427		
K 47-001-9-9-17.2 P/O (00005950)	LILLIAN WILSON POST	Cumberland & Allegheny Gas Company	40/242	12.5+%	400
	Cumberland & Allegheny Gas Company	Union Drilling Inc & Allerton Miller	46/347		
	Allerton Miller	Union Drilling Inc	98/11		
	Union Drilling Inc	Equitable Resources Exploration Inc	325/219		
	Equitable Resources Exploration Inc	Equitable Resources Energy Company	328/171		
	Equitable Resources Energy Company	Fuel Resources Production & Development Company	116/81		
	Fuel Resources Production & Development Company	The Houston Exploration Company	383/187		
	The Houston Exploration Company	Seneca-Upshur Petroleum Inc	404/381		
	Seneca-Upshur Petroleum Inc	Seneca-Upshur Petroleum LLC	447/129		
K, L, M 47-001-9-9-17.2 P/O 47-001-9-8-1 47-001-09-8A-27 (00005920)	ADA M CLEAVENGER ET VIR	CUMBERLAND AND ALLEGHENY GAS	45/443	12.5+%	237.68
	Cumberland and Allegheny Gas	Union Drilling Inc	46/347		
	Union Drilling Inc	Equitable Resources Exploration Inc	325/219		
	Equitable Resources Exploration Inc	Equitable Resources Energy Company	328/171		

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Tag, Parcel, Lease	Grantor, Lessor, Assignor, etc.	Grantee, Lessee, Assignee, etc.	Book/Page	Royalty	Acreage
	Equitable Resources Energy Company	Fuel Resources Production & Development	118/81		
	Fuel Resources Production & Development	The Houston Exploration Company	383/187		
	The Houston Exploration Company	Seneca-Upshur Petroleum Inc	404/381		
	Seneca-Upshur Petroleum Inc	Seneca-Upshur Petroleum LLC	31/427		
	Equitable Resources Exploration Inc	Petroleum Development Corp	114/303		
	Equitable Resources Exploration Inc	Petroleum Development Corp	114/400		
	Petroleum Development Corp	PDC Mountaineer LLC	150/444		
	PDC Mountaineer LLC	River Ridge Energy, LLC	59/1263		
L 47-001-9-8-1 (00005717)	JAMES R TAYLOR ET AL	CONSOLIDATED GAS SUPPLY CORP	71/397	12.5+%	193.95
	CONSOLIDATED GAS SUPPLY CORP	CONSOLIDATED GAS TRANSMISSION CORP	99/481		
	CONSOLIDATED GAS TRANSMISSION CORP	CNG DEVELOPMENT COMPANY	103/71		
	CNG DEVELOPMENT CO	EQUITABLE RESOURCES / UNION DRILLING	113/28		
	Equitable Resources Exploration Inc	Equitable Resources Energy Company	328/171		
	Equitable Resources Energy Company	Fuel Resources Production & Development	110/81		
	Equitable Resources Energy Company	Enervest East Limited Partnership	129/524		
	Fuel Resources Production & Development	The Houston Exploration Company	383/187		
	Enervest East Limited Partnership	The Houston Exploration Company	138/1		
	The Houston Exploration Company	Seneca-Upshur Petroleum Inc	404/381		
	Seneca-Upshur Petroleum Inc	Seneca-Upshur Petroleum LLC	447/129		
L 47-001-9-8-1 (00005718)	FRED CLEAVENGER ET AL	UNION DRILLING INC	73/408	12.5+%	193.95
	Union Drilling Inc	Equitable Resources Exploration Inc	14/312		
	Equitable Resources Exploration Inc	Equitable Resources Energy	328/171		
	Equitable Resources Energy	Fuel Resources Production & Development	116/81		
	Equitable Resources Energy	Enervest East Limited Partnership	129/524		
	Fuel Resources Production & Development	The Houston Exploration Company	383/187		
	Enervest East Limited Partnership	The Houston Exploration Company	138/1		
	The Houston Exploration Company	Seneca Upshur Petroleum Inc	404/381		

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Tag, Parcel, Lease	Grantor, Lessor, Assignor, etc.	Grantee, Lessee, Assignee, etc.	Book/Page	Royalty	Acreage
L 47-001-9-8-1 (00005719)	Seneca-Upshur Petroleum Inc	Seneca Upshur Petroleum LLC	447/129	12.5+%	193.95
	LUCILLE CLEAVENGER ET AL	UNION DRILLING INC	73/412		
	Union Drilling Inc	Equitable Resources Exploration Inc	14/312		
	Equitable Resources Exploration Inc	Equitable Resources Energy	328/171		
	Equitable Resources Energy	Fuel Resources Production & Development	116/81		
L 47-001-9-8-1 (00005720)	Equitable Resources Energy	Enervest East Limited Partnership	129/524		
	Fuel Resources Production & Development	The Houston Exploration Company	383/187		
	Enervest East Limited Partnership	The Houston Exploration Company	138/1		
	The Houston Exploration Company	Seneca Upshur Petroleum Inc	404/381		
	Seneca-Upshur Petroleum Inc	Seneca Upshur Petroleum LLC	447/129		
	RUSSELL T TAYLOR	UNION DRILLING INC	73/316		
	Union Drilling Inc	Equitable Resources Exploration Inc	14/312		
	Equitable Resources Exploration Inc	Equitable Resources Energy	328/171		
	Equitable Resources Energy	Fuel Resources Production & Development	116/81		
	Fuel Resources Production & Development	Enervest East Limited Partnership	129/524		
	The Houston Exploration Company	383/187			
	The Houston Exploration Company	138/1			
	Seneca Upshur Petroleum Inc	404/381			
	Seneca-Upshur Petroleum Inc	447/129			
ROAD		COUNTY ROUTE 76/12			
RAILROAD		CSX			
N 47-001-9-13-2 (00005937)	AGNES HONC	UNION DRILLING INC & ALLERTON MILLER	70/7	12.5+%	40
	Allerton Miller	Union Drilling Inc	98/11		
	Union Drilling Inc	Equitable Resources Exploration Inc	325/219		
	Equitable Resources Exploration Inc	Equitable Resources Energy Company	328/171		
	Equitable Resources Energy Company	Fuel Resources Production & Development	116/81		
	Equitable Resources Energy Company	Enervest East Limited Partnership	129/524		

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Tag, Parcel, Lease	Grantor, Lessor, Assignor, etc.	Grantee, Lessee, Assignee, etc.	Book/Page	Royalty	Acreage
	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		
O 47-001-9-13-1 (00005886)	CHARLES F AND LINA B HOFFMAN	Union Drilling Inc & Allerton Miller	47/110	12.5+%	76
	Cumberland & Allegheny Gas Company	Union Drilling Inc & Allerton Miller	46/347		
	Allerton Miller	Union Drilling Inc	98/11		
	Union Drilling Inc	Equitable Resources Exploration Inc	325/219		
	Equitable Resources Exploration Inc	Equitable Resources Energy Company	328/171		
	Equitable Resources Energy Company	Fuel Resources Production & Develop Company	116/81		
	Fuel Resources Production & Development Company	The Houston Exploration Company	383/187		
	The Houston Exploration Company	Seneca-Upshur Petroleum Inc	404/381		
	Seneca-Upshur Petroleum Inc	Seneca-Upshur Petroleum LLC	447/129		
P 47-001-9-13-3 (00005700)	BESSIE MORROW ET AL	Cumberland & Allegheny Gas Company	40/297	12.5+%	51.43
	Cumberland & Allegheny Gas Company	Union Drilling Inc & Allerton Miller	46/347		
	Allerton Miller	Union Drilling Inc	98/11		
	Union Drilling Inc	Equitable Resources Exploration Inc	325/219		
	Equitable Resources Exploration Inc	Equitable Resources Energy Company	328/171		
	Equitable Resources Energy Company	Fuel Resources Production & Development Company	116/81		
	Fuel Resources Production & Development Company	The Houston Exploration Company	383/187		
	The Houston Exploration Company	Seneca-Upshur Petroleum Inc	404/381		
	Seneca-Upshur Petroleum Inc	Seneca-Upshur Petroleum LLC	447/129		
Q 47-001-09-13-23 (00005917)	SADIE C LAKE	CUMBERLAND AND ALLEGHENY GAS	45/423	12.5+%	469.78
	Cumberland and Allegheny Gas	Union Drilling Inc & Allerton Miller	46/347		
	Allerton Miller	Union Drilling Inc	98/11		
	Union Drilling Inc	Equitable Resources Exploration Inc	325/219		
	Equitable Resources Exploration Inc	Equitable Resources Energy Company	328/171		

Attachment to WW-6A1, Fiber II HOMER SOUTH 201

Tag, Parcel, Lease	Grantor, Lessor, Assignor, etc.	Grantee, Lessee, Assignee, etc.	Book/Page	Royalty	Acreege
	Equitable Resources Energy Company	Fuel Resources Production & Development	116/81		
	Equitable Resources Energy Company Fuel Resources Production & Development	Enervest East Limited Partnership The Houston Exploration Company	129/524 136/162		
	Enervest East Limited Partnership The Houston Exploration Company Seneca-Upshur Petroleum Inc	The Houston Exploration Company Seneca-Upshur Petroleum Inc Seneca-Upshur Petroleum LLC	138/1 139/48 447/129		
R, S 47-001-09-13-8 47-001-09-13-4 (00008915)	BRIAN L AND REBBECCA J WENTZ	MAR KEY LLC	185/60	12.5+%	101
CREEK		CAMP RUN			
ROAD		COUNTY ROUTE 77/1			
T 47-001-9-13-9 (00005729)	WILLIAM JACOBS ET AL	Union Drilling Inc & Allerton Miller	70/107	12.5+%	55
	Allerton Miller Union Drilling Inc Equitable Resources Exploration Inc Equitable Resources Energy Company	Union Drilling Inc Equitable Resources Exploration Inc Equitable Resources Energy Company Fuel Resources Production & Development	98/11 325/219 328/171 116/81		
	Equitable Resources Energy Company Fuel Resources Production & Development	Enervest East Limited Partnership The Houston Exploration Company	129/524 136/162		
	Enervest East Limited Partnership The Houston Exploration Company Seneca-Upshur Petroleum Inc	The Houston Exploration Company Seneca-Upshur Petroleum Inc Seneca-Upshur Petroleum LLC	138/1 139/48 447/129		
U 47-001-9-21-1 (00009782)	DAVID BRENT WOLFE	MAR KEY LLC	186/213	12.5+%	145.45
U, W 47-001-9-21-1 47-001-9-21-1.1 (00009770)	GRAYDEN B WOLFE	MAR KEY LLC	186/215	12.5+%	190
V 47-001-9-21-2 (00005916)	SADIE C LAKE	Union Drilling Inc & Allerton Miller	70/29	12.5+%	100
	Allerton Miller	Union Drilling Inc	98/11		

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	Union Drilling Inc	Equitable Resources Exploration Inc	325/219		
	Equitable Resources Exploration Inc	Equitable Resources Energy Company	328/171		
	Equitable Resources Energy Company	Fuel Resources Production & Development	116/81		
	Equitable Resources Energy Company	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		
W, X 47-001-9-21-1.1 47-001-4-4-11 (00005905)	D H PATSEY ET US ET AL	CUMBERLAND AND ALLEGHENY GAS	40/99	12.5+%	204
	Cumberland and Allegheny Gas	Union Drilling Inc and Allerton Miller	46/347		
	Allerton Miller	Union Drilling Inc	98/11		
	Union Drilling Inc	Equitable Resources Exploration Inc	14/312		
	Union Drilling Inc	Equitable Resources Exploration Inc	14/319		
	Equitable Resources Exploration Inc	Equitable Resources Energy Company	328/171		
	Equitable Resources Energy Company	Fuel Resources Production & Development	116/81		
	Equitable Resources Energy Company	Enervest East Limited Partnership	129/524		
	Fuel Resources Production & Development	The Houston Exploration Company	16/122		
	Enervest East Limited Partnership	The Houston Exploration Company	138/1		
	The Houston Exploration Company	Seneca-Upshur Petroleum Inc	404/381		
	The Houston Exploration Company	Seneca-Upshur Petroleum Inc	139/365		
	Seneca-Upshur Petroleum Inc	Seneca-Upshur Petroleum LLC	447/129		



People Powered. Asset Strong.

February 5, 2026

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

RE: Homer #201 (47-091-01393) and #202 (47-091-01394) - Expedited Modifications Due to Well Extensions

Dear Mr. Brewer,

Enclosed please find the permit modification for the Homer #201 (47-091-01393) and #202 (47-091-01394) laterals.

The wellhead locations remain the same as the current permits. The wells are being extended to the planned lateral lengths of 23,642' and 23,194', respectively.

Revised documents attached include the revised WW-6Bs, wellbore schematics with plan, plats, WW-6A1s, and area of reviews. The modification review fee is also included. (These are for expedited review. As discussed with Cragin in early January, the \$20,000 overpayment on the Homer 201 and 202 initial permits will cover the \$10,000 expedited review fees, thank you!)

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

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Office of Oil and Gas
FEB 11 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

02/27/2026