



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

Tuesday, September 1, 2026
PERMIT MODIFICATION APPROVAL
Horizontal 6A / New Drill

ANTERO RESOURCES CORPORATION
1615 WYNKOOP STREET

DENVER, CO 80202

Re: Permit Modification Approval for Hebron Unit 1H
47-095-02980-00-00

Extended Lateral

ANTERO RESOURCES CORPORATION

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, reading "H. Jason Harmon".

H. Jason Harmon
Chief

Operator's Well Number: Hebron Unit 1H
Farm Name: Gregory & Brenda G Westbrook
U.S. WELL NUMBER: 47-095-02980-00-00
Horizontal 6A New Drill
Date Modification Issued: 9/1/2026

Promoting a healthy environment.

09/04/2026

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

1) Well Operator: <u>Antero Resources Corporation</u>	494507062	095 - Tyler	Meade	Bens Run
	Operator ID	County	District	Quadrangle

2) Operator's Well Number: Hebron Unit 1H MOD Well Pad Name: Barnhart Pad

3) Farm Name/Surface Owner: Gregory & Brenda G. Westbrook Public Road Access: McKim Creek Rd

4) Elevation, current ground: 1036' Elevation, proposed post-construction: 1036'

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: 6700' TVD, Anticipated Thickness- 55 feet, Associated Pressure- 2800#

8) Proposed Total Vertical Depth: 6700' TVD

9) Formation at Total Vertical Depth: Marcellus

10) Proposed Total Measured Depth: 28800' MD

11) Proposed Horizontal Leg Length: 19654.5'

12) Approximate Fresh Water Strata Depths: 198', 370'

13) Method to Determine Fresh Water Depths: From 47-073-01867, 47-095-0084

14) Approximate Saltwater Depths: 1,820'

15) Approximate Coal Seam Depths: N/A

16) Approximate Depth to Possible Void (coal mine, karst, other): N/A

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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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	20"	New	H-40	94#	100'	100'	CTS, 96 Cu. Ft.
Fresh Water	13-3/8"	New	J-55	54.5#	420'	420'	CTS, 438 Cu. Ft.
Coal	9-5/8"	New	J-55	36#	3000'	3000'	CTS, 1221 Cu. Ft.
Intermediate							
Production	5-1/2"	New	P-110	23#	28800'	28800'	6329 Cu. Ft
Tubing	2-3/8"	New	N-80	4.7#			
Liners							

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	20"	24"	0.438"	1530	50	Class A/L	~1.18
Fresh Water	13-3/8"	17-1/2"	0.38"	2730	1000	Class A/L	~1.18
Coal	9-5/8"	12-1/4"	0.352"	3520	1500	Class A/L	~1.18
Intermediate							
Production	5-1/2"	8-3/4" & 8-1/2"	0.415"	12,630	2500	Lead-H/POZ & Tail - H	H/POZ-1.44 & H-1.8
Tubing	2-3/8"	4.778"	0.19"	11,200			
Liners							

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PACKERS

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Kind:	N/A			
Sizes:	N/A			
Depths Set:	N/A			

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

Drill, perforate, fracture a new shallow well and complete Marcellus Shale.

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

Antero plans to pump Slickwater into the Marcellus Shale formation in order to ready the well for production. The fluid will be comprised of approximately 99 percent water and sand, with less than 1 percent special-purpose additives as shown in the attached "List of Anticipated Additives Used for Fracturing or Stimulating Well."

Anticipated Max Pressure - 9300 lbs

Anticipated Max Rate - 80 bpm

21) Total Area to be disturbed, including roads, stockpile area, pits, etc., (acres): 30.88 acres

22) Area to be disturbed for well pad only, less access road (acres): 11.07 acres

23) Describe centralizer placement for each casing string:

Conductor: no centralizers

Surface Casing: one centralizer 10' above the float shoe, one on the insert float collar and one every 4th joint spaced up the hole to surface.

Intermediate Casing: one centralizer above float joint, one centralizer 5' above float collar and one every 4th collar to surface.

Production Casing: one centralizer at shoe joint and one every 3 joints to top of cement in intermediate casing.

24) Describe all cement additives associated with each cement type:

Conductor: no additives, Class A/L cement.

Surface: Class A/L cement with 2-3% calcium chloride and 1/4 lb of flake

Intermediate: Class A/L cement with 1/4 lb of flake, 5 gallons of clay treat

Production: Lead cement- 50/50 Class H/Poz + 1.5% salt + 1% C-45 + 0.5% C-16a + 0.2% C-12 + 0.45% C-20 + 0.05% C-51

Production: Tail cement- Class H + 45 PPS Calcium Carbonate + 1.0% FL-160 + 0.2% ACGB-47 + 0.05% ACSA-51 + 0.2% ACR-20

25) Proposed borehole conditioning procedures:

Conductor: blowhole clean with air, run casing, 10 bbls fresh water.

Surface: blowhole clean with air, trip to conductor shoe, trip to bottom, blowhole clean with air, trip out, run casing, circulate pipe capacity + 40 bbls fresh water followed by 25 bbls bentonite mud, 10 bbls fresh water spacer.

Intermediate: blowhole clean with air, trip to surface casing shoe, trip to bottom, blowhole clean with air, trip out, run casing, circulate 40 bbls brine water followed by 10 bbls fresh water and 25 bbls bentonite mud, pump 10 bbls fresh water.

Production: circulate with 14 lb/gal NaCl mud, trip to middle of lateral, circulate, pump high viscosity sweep, trip to base of curve, pump high viscosity sweep, trip to top of curve, trip to bottom, circulate, pump high viscosity sweep, trip out, run casing, circulate 10 bbls fresh water, pump 48 bbls barite pill, pump 10 bbls fresh water followed by 48 bbls mud flush and 10 bbls water.

*Note: Attach additional sheets as needed.

UWI (APINum)	Well Name	Well Number	Operator	Hist Oper	TD	Perforated Interval (shallowest, deepest)	Perforated Formation(s)	Producible Formation(s) not perf'd
4707391313								
4707392117								
4707392118								
4707392119								
4707392123								
4707392124								
4707300003	ROSS BELL SHINGLETO	1	UNKNOWN	UNKNOWN	939	920-939	1st Cow Run/Moundsville	Weir, Benson, Alexander
4707392126								
4707392125								
4709502955	BARNHART UNIT	5V	ANTERO RESOURCES CORPORATION					
4707392120								
4707392115								
4707392114								
4707370080	SHINGLETON	11	BETTMAN WATSON & CO	BETTMAN WATSON & CO				
4709501762	HARTLEY DAVID	8	OHIO L & M	OHIO L & M	4893	4736-4746	Benson	Weir, Alexander
4709501386	GEIGEL NAOMI	1	CHESTERFIELD ENERGY	CHESTERFIELD ENERGY		4820-4832	Benson	Weir, Alexander
4709501429	GEIGEL NAOMI	3	CHESTERFIELD ENERGY	CHESTERFIELD ENERGY	2351			
4709501425	SIMONTON FRANKLIN	2	CHESTERFIELD ENERGY	CHESTERFIELD ENERGY	4950	4780-4791	Benson	Weir, Alexander
4709507716								
4709501201	UNDERWOOD	2	CHESTERFIELD ENERGY	CHESTERFIELD ENERGY	4817	4280-4700	Riley, Benson	Weir, Alexander
4709530612	IRENE C GORBY 1	1528	MANUFACT LIGHT & HEAT	MANUFACT LIGHT & HEAT	2639		Big Injun, Gordon	Weir, Alexander

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LATITUDE 39°25'00"

2,905'

LATITUDE 39°20'00"

4,500' TO BOTTOM HOLE

1,118' TO BOTTOM HOLE

LONGITUDE 80°57'30"

14,922'

LONGITUDE 81°00'00"

Antero Resources
Corporation
Well No. Hebron 1H

WELL NO. 1H

LEASES

A	GREGORY A. AND BRENDA G. WESTBROOK
B	BOUNTY MINERALS, LLC 1H BOTTOM HOLE
C	JIM C. HAMER COMPANY
D	SYLVIA ROSS AND BELLA ROSS
E	DAVID M. HARTLEY, ET AL
F	STEVEN CLARK AND JANET CLARK
G	BARI ELIZABETH YOUNG GABBITAS
H	RYAN J. MORGAN
I	MERRION OIL AND GAS CORPORATION
J	SCOTT ALLEN MORGAN
K	LOIS ANN GILLENWATER
L	LINDA DARLENE DAVIS
N	JULIAN WENDELL WHALEY AND JEANINE LEANN WHALEY REVOCABLE LIVING TRUST AGREEMENT
O	JERRY R. BROWN
P	NAOMI GIEGEL

NOTES:

WELL 1H TOP HOLE INFORMATION:
N: 322,532ft E: 1,573,078ft
LAT: 39°22'32.47" LON: 81°00'37.00"
BOTTOM HOLE INFORMATION:
N: 305,822ft E: 1,582,992ft
LAT: 39°19'48.96" LON: 80°58'27.27"
WEST VIRGINIA COORDINATE
SYSTEM OF 1927 NORTH ZONE.
ZONE WAS DERIVED FROM
MEASUREMENTS TAKEN WITH
TRIMBLE GEOXT SUBMETER
MAPPING GRADE GPS UNIT.
PLAT ORIENTATION, CORNER,
AND WELL REFERENCE TIE LINES
ARE BASED ON GRID NORTH.

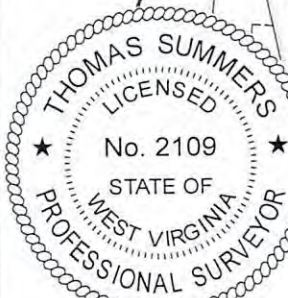
(NAD) 83 (UTM) ZONE 17 COORDS:
WELL 1H TOP HOLE INFORMATION:
N: 4,358,477m E: 499,129m
BOTTOM HOLE INFORMATION:
N: 4,353,437m E: 502,235m

(NAD) 27 (UTM) ZONE 17 COORDS:
WELL 1H TOP HOLE INFORMATION:
N: 14,298,723ft E: 1,637,512ft
POINT OF ENTRY INFORMATION:
N: 14,298,425ft E: 1,636,639ft
BOTTOM HOLE INFORMATION:
N: 14,282,187ft E: 1,647,700ft

Q	DAVID T. MIHLBAUER AND DOROTHY J. MIHLBAUER
R	JOHN R. WILLIAMS AND NORMA S. WILLIAMS
S	HAYWARD E. SIMONTON, JR., ET AL
T	CRAIG A. CHILDERS
V	JERRY LEE MAY

W	WILLIAM B. MARKLE AND JULIE A. MARKLE
X	DEBRAH MARKLE
Y	MARK A. MORRIS
AB	MICHAEL D. QUINN
AC	ED MULLOOLY, ET AL
AE	R.E. MARKLE AND BETTY LEA MARKLE
AF	R.E. MARKLE AND BETTY LEA MARKLE
AG	JUSTIN R. SMITH AND LINDA S. SMITH
AI	R.E. MARKLE AND BETTY LEA MARKLE
AJ	R.E. MARKLE AND BETTY LEA MARKLE
AM	ROGER CURRY

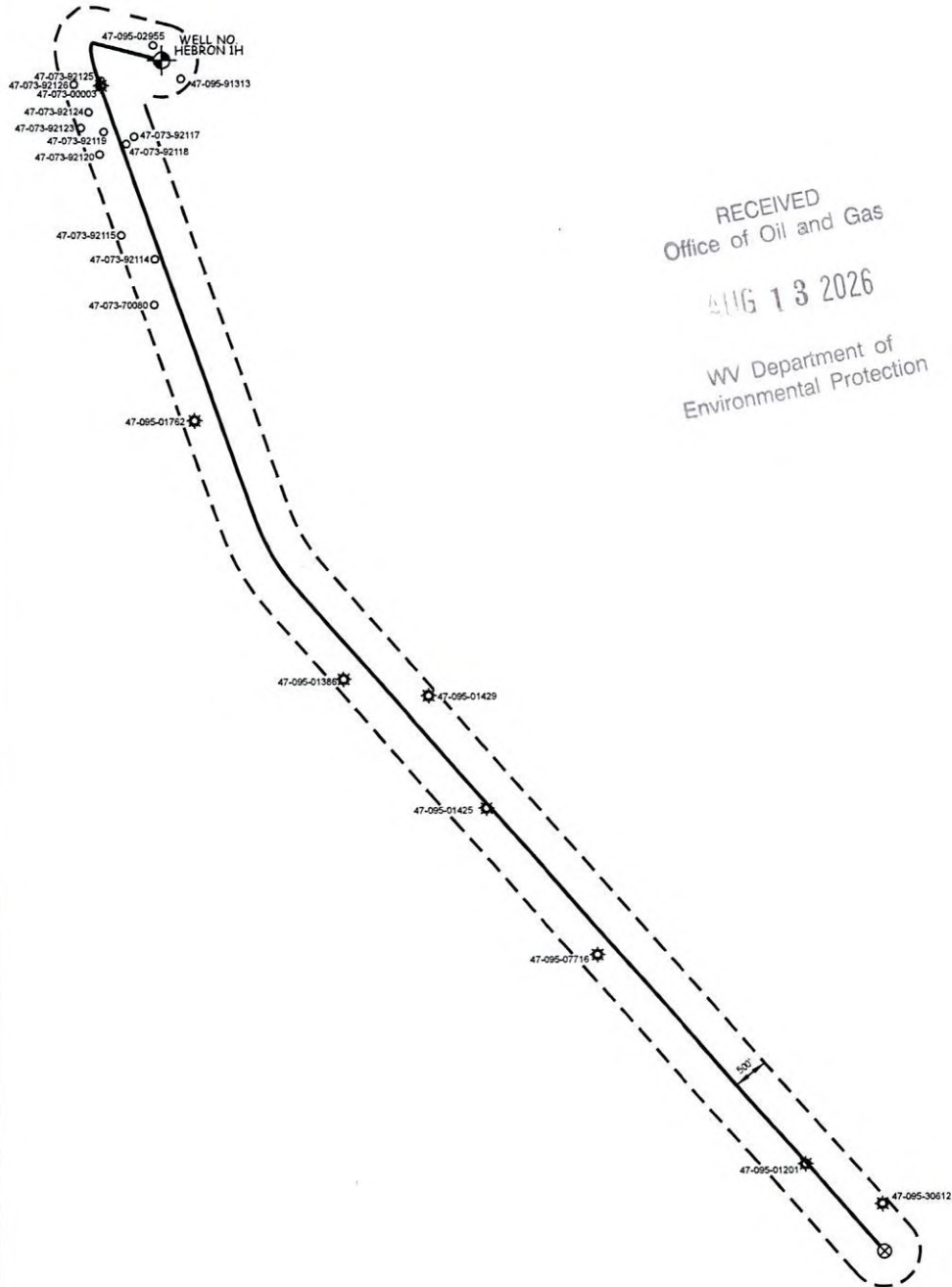
8-9	Gregory & Brenda Westbrook
8-9.1	Gregory & Brenda Westbrook
8-24	Clark Living Trust
8-40	Clark Living Trust
8-41	Clark Living Trust
10-71	Clark Living Trust
Meade District - Tyler County	
12-1	Roger Curry & David Belcher
12-23	David Hartley
12-24	Linda Darlene Davis
12-25	David Hartley
12-26	David Hartley
12-26.1	Clark Living Trust
12-27	David Hartley
12-28	Clark Living Trust
14-1	Christopher & Rodney Byers
14-2	Jack Melton
14-3	Stephanie Giegel
14-4	Mary Simonton
14-8	Frank Grass
14-9	Stephanie Giegel
14-10	Alan & Kathy Williams
14-11	Alan & Kathy Williams
14-12	Basil Morris Hrs.
14-18	CNX Gas Company LLC
14-19	Basil Morris Hrs.
14-20	Williams Revocable Trust
14-22	W S Morris Hrs
Clay District - Ritchie County	
7-1	Brian & Code Metz
7-2	David Markle Et Al
7-2.1	David Markle Et Al
7-4	Frank Butler Et Al
7-5	Thomas & Suzanne Quinn
7-7	Rebecca & Richard Lewis
7-7.1	Rebecca & Richard Lewis
7-15	Justin & Linda Smith
7-16	Rebecca & Richard Lewis
7-16.1	Rebecca & Richard Lewis
7-19	Justin & Linda Smith
7-21	Justin & Linda Smith
7-22	Rebecca & Richard Lewis
7-22.1	Rebecca & Richard Lewis
7-22.2	Rebecca & Richard Lewis
Clay District - Ritchie County	
13-3	Gregory & Brenda Westbrook
13-4	Gregory & Brenda Westbrook
13-8.5	Gregory & Brenda Westbrook
13-9.1	Gregory & Brenda Westbrook
13-25	Gregory & Brenda Westbrook



NOTE:
NO WATER WELLS WERE
LOCATED WITHIN 2000'
OF THE CENTER OF PAD

WELL NO. 1H
92268 92126 92129 92127 92123 92122 92120 92125 92124 92119 92118 92117 92116 92115 92114 92113 92112 92111 92110 92109 92108 92107 92106 92105 92104 92103 92102 92101 92100 92099 92098 92097 92096 92095 92094 92093 92092 92091 92090 92089 92088 92087 92086 92085 92084 92083 92082 92081 92080 92079 92078 92077 92076 92075 92074 92073 92072 92071 92070 92069 92068 92067 92066 92065 92064 92063 92062 92061 92060 92059 92058 92057 92056 92055 92054 92053 92052 92051 92050 92049 92048 92047 92046 92045 92044 92043 92042 92041 92040 92039 92038 92037 92036 92035 92034 92033 92032 92031 92030 92029 92028 92027 92026 92025 92024 92023 92022 92021 92020 92019 92018 92017 92016 92015 92014 92013 92012 92011 92010 92009 92008 92007 92006 92005 92004 92003 92002 92001 92000 91999 91998 91997 91996 91995 91994 91993 91992 91991 91990 91989 91988 91987 91986 91985 91984 91983 91982 91981 91980 91979 91978 91977 91976 91975 91974 91973 91972 91971 91970 91969 91968 91967 91966 91965 91964 91963 91962 91961 91960 91959 91958 91957 91956 91955 91954 91953 91952 91951 91950 91949 91948 91947 91946 91945 91944 91943 91942 91941 91940 91939 91938 91937 91936 91935 91934 91933 91932 91931 91930 91929 91928 91927 91926 91925 91924 91923 91922 91921 91920 91919 91918 91917 91916 91915 91914 91913 91912 91911 91910 91909 91908 91907 91906 91905 91904 91903 91902 91901 91900 91899 91898 91897 91896 91895 91894 91893 91892 91891 91890 91889 91888 91887 91886 91885 91884 91883 91882 91881 91880 91879 91878 91877 91876 91875 91874 91873 91872 91871 91870 91869 91868 91867 91866 91865 91864 91863 91862 91861 91860 91859 91858 91857 91856 91855 91854 91853 91852 91851 91850 91849 91848 91847 91846 91845 91844 91843 91842 91841 91840 91839 91838 91837 91836 91835 91834 91833 91832 91831 91830 91829 91828 91827 91826 91825 91824 91823 91822 91821 91820 91819 91818 91817 91816 91815 91814 91813 91812 91811 91810 91809 91808 91807 91806 91805 91804 91803 91802 91801 91800 91799 91798 91797 91796 91795 91794 91793 91792 91791 91790 91789 91788 91787 91786 91785 91784 91783 91782 91781 91780 91779 91778 91777 91776 91775 91774 91773 91772 91771 91770 91769 91768 91767 91766 91765 91764 91763 91762 91761 91760 91759 91758 91757 91756 91755 91754 91753 91752 91751 91750 91749 91748 91747 91746 91745 91744 91743 91742 91741 91740 91739 91738 91737 91736 91735 91734 91733 91732 91731 91730 91729 91728 91727 91726 91725 91724 91723 91722 91721 91720 91719 91718 91717 91716 91715 91714 91713 91712 91711 91710 91709 91708 91707 91706 91705 91704 91703 91702 91701 91700 91699 91698 91697 91696 91695 91694 91693 91692 91691 91690 91689 91688 91687 91686 91685 91684 91683 91682 91681 91680 91679 91678 91677 91676 91675 91674 91673 91672 91671 91670 91669 91668 91667 91666 91665 91664 91663 91662 91661 91660 91659 91658 91657 91656 91655 91654 91653 91652 91651 91650 91649 91648 91647 91646 91645 91644 91643 91642 91641 91640 91639 91638 91637 91636 91635 91634 91633 91632 91631 91630 91629 91628 91627 91626 91625 91624 91623 91622 91621 91620 91619 91618 91617 91616 91615 91614 91613 91612 91611 91610 91609 91608 91607 91606 91605 91604 91603 91602 91601 91600 91599 91598 91597 91596 91595 91594 91593 91592 91591 91590 91589 91588 91587 91586 91585 91584 91583 91582 91581 91580 91579 91578 91577 91576 91575 91574 91573 91572 91571 91570 91569 91568 91567 91566 91565 91564 91563 91562 91561 91560 91559 91558 91557 91556 91555 91554 91553 91552 91551 91550 91549 91548 91547 91546 91545 91544 91543 91542 91541 91540 91539 91538 91537 91536 91535 91534 91533 91532 91531 91530 91529 91528 91527 91526 91525 91524 91523 91522 91521 91520 91519 91518 91517 91516 91515 91514 91513 91512 91511 91510 91509 91508 91507 91506 91505 91504 91503 91502 91501 91500 91499 91498 91497 91496 91495 91494 91493 91492 91491 91490 91489 91488 91487 91486 91485 91484 91483 91482 91481 91480 91479 91478 91477 91476 91475 91474 91473 91472 91471 91470 91469 91468 91467 91466 91465 91464 91463 91462 91461 91460 91459 91458 91457 91456 91455 91454 91453 91452 91451 91450 91449 91448 91447 91446 91445 91444 91443 91442 91441 91440 91439 91438 91437 91436 91435 91434 91433 91432 91431 91430 91429 91428 91427 91426 91425 91424 91423 91422 91421 91420 91419 91418 91417 91416 91415 91414 91413 91412 91411 91410 91409 91408 91407 91406 91405 91404 91403 91402 91401 91400 91399 91398 91397 91396 91395 91394 91393 91392 91391 91390 91389 91388 91387 91386 91385 91384 91383 91382 91381 91380 91379 91378 91377 91376 91375 91374 91373 91372 91371 91370 91369 91368 91367 91366 91365 91364 91363 91362 91361 91360 91359 91358 91357 91356 91355 91354 91353 91352 91351 91350 91349 91348 91347 91346 91345 91344 91343 91342 91341 91340 91339 91338 91337 91336 91335 91334 91333 91332 91331 91330 91329 91328 91327 91326 91325 91324 91323 91322 91321 91320 91319 91318 91317 91316 91315 91314 91313 91312 91311 91310 91309 91308 91307 91306 91305 91304 91303 91302 91301 91300 91299 91298 91297 91296 91295 91294 91293 91292 91291 91290 91289 91288 91287 91286 91285 91284 91283 91282 91281 91280 91279 91278 91277 91276 91275 91274 91273 91272 91271 91270 91269 91268 91267 91266 91265 91264 91263 91262 91261 91260 91259 91258 91257 91256 91255 91254 91253 91252 91251 91250 91249 91248 91247 91246 91245 91244 91243 91242 91241 91240 91239 91238 91237 91236 91235 91234 91233 91232 91231 91230 91229 91228 91227 91226 91225 91224 91223 91222 91221 91220 91219 91218 91217 91216 91215 91214 91213 91212 91211 91210 91209 91208 91207 91206 91205 91204 91203 91202 91201 91200 91199 91198 91197 91196 91195 91194 91193 91192 91191 91190 91189 91188 91187 91186 91185 91184 91183 91182 91181 91180 91179 91178 91177 91176 91175 91174 91173 91172 91171 91170 91169 91168 91167 91166 91165 91164 91163 91162 91161 91160 91159 91158 91157 91156 91155 91154 91153 91152 91151 91150 91149 91148 91147 91146 91145 91144 91143 91142 91141 91140 91139 91138 91137 91136 91135 91134 91133 91132 91131 91130 91129 91128 91127 91126 91125 91124 91123 91122 91121 91120 91119 91118 91117 91116 91115 91114 91113 91112 91111 91110 91109 91108 91107 91106 91105 91104 91103 91102 91101 91100 91099 91098 91097 91096 91095 91094 91093 91092 91091 91090 91089 91088 91087 91086 91085 91084 91083 91082 91081 91080 91079 91078 91077 91076 91075 91074 91073 91072 91071 91070 91069 91068 91067 91066 91065 91064 91063 91062 91061 91060 91059 91058 91057 91056 91055 91054 91053 91052 91051 91050 91049 91048 91047 91046 91045 91044 91043 91042 91041 91040 91039 91038 91037 91036 91035 91034 91033 91032 91031 91030 91029 91028 91027 91026 91025 91024 91023 91022 91021 91020 91019 91018 91017 91016 91015 91014 91013 91012 91011 91010 91009 91008 91007 91006 91005 91004 91003 91002 91001 91000 90999 90998 90997 90996 90995 90994 90993 90992 90991 90990 90989 90988 90987 90986 90985 90984 90983 90982 90981 90980 90979 90978 90977 90976 90975 90974 90973 90972 90971 90970 90969 90968 90967 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BARNHART PAD ANTERO RESOURCES CORPORATION



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AUG 13 2026

WV Department of
Environmental Protection

WILLOW LAND SURVEYING, PLLC
P.O. BOX 17, PENNSBORO, WV 26415
(304) 659-1717

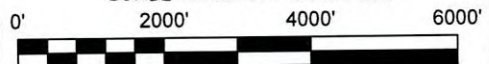
DATE: 07/20/26

DRAWN BY: T.B.S.

JOB #: 26-002WA

FILE: HEBRON1HAOR.DWG

SCALE: 1-INCH = 2000-FEET



09/04/2026

INFORMATION SUPPLIED UNDER WEST VIRGINIA CODE
Chapter 22, Article 6A, Section 5(a)(5)
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Grantor, lessor, etc.	Grantee, lessee, etc.	Royalty	Book/Page
P: Naomi Giegel Lease			
Naomi Giegel	Chesterfield Energy Corporation	1/8	282/525
Chesterfield Energy Corporation	Dominion Reserves, Incorporated	Assignment	285/287
Dominion Reserves, Incorporated	Consol Gas Reserves Incorporated	Name Change	9/116
Consol Gas Reserves Incorporated	Consol Gas Company	Merged	9/156
Consol Gas Company	CNX Gas Company LLC	Merged	6/634
CNX Gas Company LLC	Antero Resources Corporation	Assignment	375/708
Q: David T. Mihlbauer and Dorothy J. Mihlbauer Lease			
David T. Mihlbauer and Dorothy J. Mihlbauer	Noble Energy Incorporated	1/8+	401/524
Noble Energy Incorporated	CNX Gas Company LLC	Assignment	550/273
CNX Gas Company LLC	Antero Resources Corporation	Assignment	375/708
P: Naomi Giegel Lease			
Naomi Giegel	Chesterfield Energy Corporation	1/8	282/525
Chesterfield Energy Corporation	Dominion Reserves, Incorporated	Assignment	285/287
Dominion Reserves, Incorporated	Consol Gas Reserves Incorporated	Name Change	9/116
Consol Gas Reserves Incorporated	Consol Gas Company	Merged	9/156
Consol Gas Company	CNX Gas Company LLC	Merged	6/634
CNX Gas Company LLC	Antero Resources Corporation	Assignment	375/708
S: Hayward E. Simonton, Jr. and Linda Simonton Lease			
Hayward E. Simonton, Jr. and Linda Simonton	Chesterfield Energy Corporation	1/8	280/477
Chesterfield Energy Corporation	Dominion Reserves, Incorporated	Assignment	285/287
Dominion Reserves, Incorporated	Consol Gas Reserves Incorporated	Name Change	9/116
Consol Gas Reserves Incorporated	Consol Gas Company	Merged	9/156
Consol Gas Company	CNX Gas Company LLC	Merged	6/634
CNX Gas Company LLC	Antero Resources Corporation	Assignment	375/708
R: John R. Williams and Norma S. Williams Lease			
John R. Williams and Norma S. Williams	Chesterfield Energy Corporation	1/8	290/307
Chesterfield Energy Corporation	Dominion Reserves, Incorporated	Assignment	285/287
Dominion Reserves, Incorporated	Consol Gas Reserves Incorporated	Name Change	9/116
Consol Gas Reserves Incorporated	Consol Gas Company	Merged	9/156
Consol Gas Company	CNX Gas Company LLC	Merged	6/634
CNX Gas Company LLC	Antero Resources Corporation	Assignment	375/708
V: Jerry Lee May Lease			
Jerry Lee May	Antero Resources Corporation	1/8+	369/633
Y: Mark A. Morris Lease			
Mark A. Morris	Noble Energy, Inc	1/8	488/424
Noble Energy, Incorporated	CNX Gas Company LLC	Assignment	550/273
CNX Gas Company LLC	Antero Resources Corporation	Assignment	375/708

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Grantor, lessor, etc.	Grantee, lessee, etc.	Royalty	Book/Page
<u>AC: Ed Mullooly, et al Lease</u>			
Ed Mullooly, et al	J & J Enterprises, Incorporated	1/8	194/596
J & J Enterprises, Incorporated	Eastern American Energy Corporation	Assignment	231/732
Eastern American Energy Corporation	Energy Corporation of America	Merged	6/450
Energy Corporation of America	Antero Resources Corporation	Assignment	257/377
<u>X: Debrah Markle Lease</u>			
Debrah Markle	Antero Resources Corporation	1/8+	360/600
<u>AE: R.E. Markle and Betty Lea Markle Lease</u>			
R.E. Markle and Betty Lea Markle	Consolidated Gas Supply Corporation	1/8	112/556
Consolidated Gas Supply Corporation	Consolidated Gas Transmission Corporation	Assignment	169/756
Consolidated Gas Transmission Corporation	CNG Development Company	Assignment	176/601
CNG Development Company	CNG Producing Company	Merged	211/100
CNG Producing Company	Dominion Exploration & Production, Incorporated	Name Change	31/787
Dominion Exploration & Production, Incorporated	CONSOL Gas Company	Merged	6/634
CONSOL Gas Company	CNX Gas Company LLC	Merged	6/634
CNX Gas Company LLC	Noble Energy, Incorporated	Assignment	254/811
Noble Energy, Incorporated	CNX Gas Company LLC	Assignment	304/344
CNX Gas Company LLC	Antero Resources Corporation	Assignment	362/373
<u>AF: R.E. Markle and Betty Lea Markle Lease</u>			
R.E. Markle and Betty Lea Markle	Consolidated Gas Supply Corporation	1/8	112/556
Consolidated Gas Supply Corporation	Consolidated Gas Transmission Corporation	Assignment	169/756
Consolidated Gas Transmission Corporation	CNG Development Company	Assignment	176/601
CNG Development Company	CNG Producing Company	Merged	211/100
CNG Producing Company	Dominion Exploration & Production, Incorporated	Name Change	31/787
Dominion Exploration & Production, Incorporated	CONSOL Gas Company	Merged	6/634
CONSOL Gas Company	CNX Gas Company LLC	Merged	6/634
CNX Gas Company LLC	Noble Energy, Incorporated	Assignment	254/811
Noble Energy, Incorporated	CNX Gas Company LLC	Assignment	304/344
CNX Gas Company LLC	Antero Resources Corporation	Assignment	362/373
<u>AG: Justin R. Smith and Linda S. Smith Lease</u>			
Justin R. Smith and Linda S. Smith	Antero Resources Corporation	1/8+	361/908

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Grantor, lessor, etc.	Grantee, lessee, etc.	Royalty	Book/Page
AJ: R.E. Markle and Betty Lea Markle Lease			
R.E. Markle and Betty Lea Markle	Consolidated Gas Supply Corporation	1/8	112/556
Consolidated Gas Supply Corporation	Consolidated Gas Transmission Corporation	Assignment	169/756
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CONSOL Gas Company	CNX Gas Company LLC	Merged	6/634
CNX Gas Company LLC	Noble Energy, Incorporated	Assignment	254/811
Noble Energy, Incorporated	CNX Gas Company LLC	Assignment	304/344
CNX Gas Company LLC	Antero Resources Corporation	Assignment	362/373

*Partial Assignments to Antero Resources Corporation include 100% rights to extract, produce and market the oil and gas from the Marcellus and any other formations completed with this well.

***Cotenancy Utilization** - Antero is utilizing the Co-tenancy Modernization and Majority Protection Act to proceed with development of certain royalty owners' interests in this tract.

****Pooling/Unitization** – Antero has filed a horizontal well unitization application with the West Virginia Oil and Gas Conservation Commission that seeks to pool certain owners in this tract

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	Dominion Exploration & Production, Incorporated	CONSOL Gas Company	Merged	6/634
	CONSOL Gas Company	CNX Gas Company LLC	Merged	6/634
	CNX Gas Company LLC	Noble Energy, Incorporated	Assignment	254/811
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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

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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: Antero Resources Corporation

By: Tim Rady

Its: Senior Vice President of Land

4054919
8/6/26
\$7,500.00

Receiving date 8/31/2026



August 12, 2026

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

Antero Resources
1615 Wynkoop Street
Denver, CO 80202
Office 303.357.7310
Fax 303.357.7315

Mr. Brewer:

Antero Resources Corporation (Antero) would like to submit the following permit modification for approved well on the existing Barnhart Pad: Hebron Unit 1H (47-095-02980) Expedited.

Attached you will find the following:

- AOR
- Revised Form WW-6B
- Revised Form WW-6A1
- Revised Mylar Plat

If you have any questions, please feel free to contact me at (303) 357-6959.

Thank you in advance for your consideration.

Sincerely,

A handwritten signature in black ink, appearing to read "S Gaspar", written in a cursive style.

Stefan Gaspar
Permitting Agent
Antero Resources Corporation

Enclosures

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WV Department of
Environmental Protection

09/04/2026