



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, January 31, 2022
PERMIT MODIFICATION APPROVAL
New Drill / Modification

ANTERO RESOURCES CORPORATION
1615 WYNKOOP STREET
DENVER, CO 80202

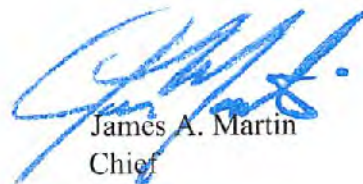
Re: Permit Modification Approval for EARL UNIT 1H
47-085-10414

Extending 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.



James A. Martin
Chief

Operator's Well Number: EARL UNIT 1H
Farm Name: ANTERO RESOURCES CORPORATION
U.S. WELL NUMBER: 47-085-10414
New Drill Modification
Date Modification Issued: 01/31/2022

Promoting a healthy environment.

03/04/2022



January 12, 2022

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 modifications for approved wells on the existing Weekley West Pad: Earl Unit 1H & 2H (47-085-10414, 47-085-10415) and Sandy Unit 1H (47-085-10417) Expedited.

Attached you will find the following:

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

Handwritten: \$5,000 —
ck# 4003841

If you have any questions please feel free to contact me at (303) 357-7182.

Thank you in advance for your consideration.

Sincerely,

Mallory Stanton
Permitting Supervisor
Antero Resources Corporation

Enclosures

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

1) Well Operator: Antero Resources Corporation 494507062 085-Ritchie Union Pullman/Oxford7
Operator ID County District Quadrangle

2) Operator's Well Number: Earl Unit 1H Well Pad Name: Weekley West Pad

3) Farm Name/Surface Owner: Antero Resources Corporation Public Road Access: Co Rd 22/3

4) Elevation, current ground: 1,138' Elevation, proposed post-construction: 1,125'

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, 7,000 TVD, Anticipated Thickness 55', Associated Pressure 2,850#

8) Proposed Total Vertical Depth: 7,000'

9) Formation at Total Vertical Depth: Marcellus

10) Proposed Total Measured Depth: 22,100'

11) Proposed Horizontal Leg Length: 13,601

12) Approximate Fresh Water Strata Depths: 258', 330', 478'

13) Method to Determine Fresh Water Depths: Reference wells 08508569, 0850858, 08508582 Depths have been adjusted according to surface elevations

14) Approximate Saltwater Depths: 1,015' (reference well 08503139), 1,976' (reference well 08507618)

15) Approximate Coal Seam Depths: 734' (reference well 08507618), 1,495' (reference well 08503139)

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

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	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	20"	New	H-40	94#	80	80	CTS, 77 Cu. Ft.
Fresh Water	13-3/8	New	J/K-55	54.5#	528	528	CTS, 550 Cu. Ft.
Coal	9-5/8	New	J/K-55	36#	2500	2500	CTS, 1018 Cu. Ft.
Intermediate							
Production	5-1/2	New	PY-110	23#	22,100	22,100	CTS, 4641 Cu. Ft.
Tubing	2-3/8	New	N-80	4.7#			
Liners							

Bryan Harris 1/19/22

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	20"	24"	0.438"	1530	50	Class A	~1.18
Fresh Water	13-3/8	17-1/2"	0.380"	2730	1000	Class A	~1.18
Coal	9-5/8	12-1/4"	0.352"	3520	1500	Class A	~1.18
Intermediate							
Production	5-1/2	8-3/8" & 8-1/2"	0.415"	12,630	9300		
Tubing	2-3/8	4.778"	0.190"	11,200		Lead-H/POZ & Tail	H/POZ-1.44 & H-1.8
Liners							

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Kind:	N/A			WV Department of Environmental Protection
Sizes:	N/A			
Depths Set:	N/A			

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

Drill, perforate, fracture a new horizontal 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): 58.63

22) Area to be disturbed for well pad only, less access road (acres): 8.23

23) Describe centralizer placement for each casing string:

Conductor: No centralizers.
Surface Casing: One centralizer 10' above the float shoe and one every 4th joint spaced up the hole to surface.
Intermediate Casing: One centralizer above float joint, one centralizer 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.

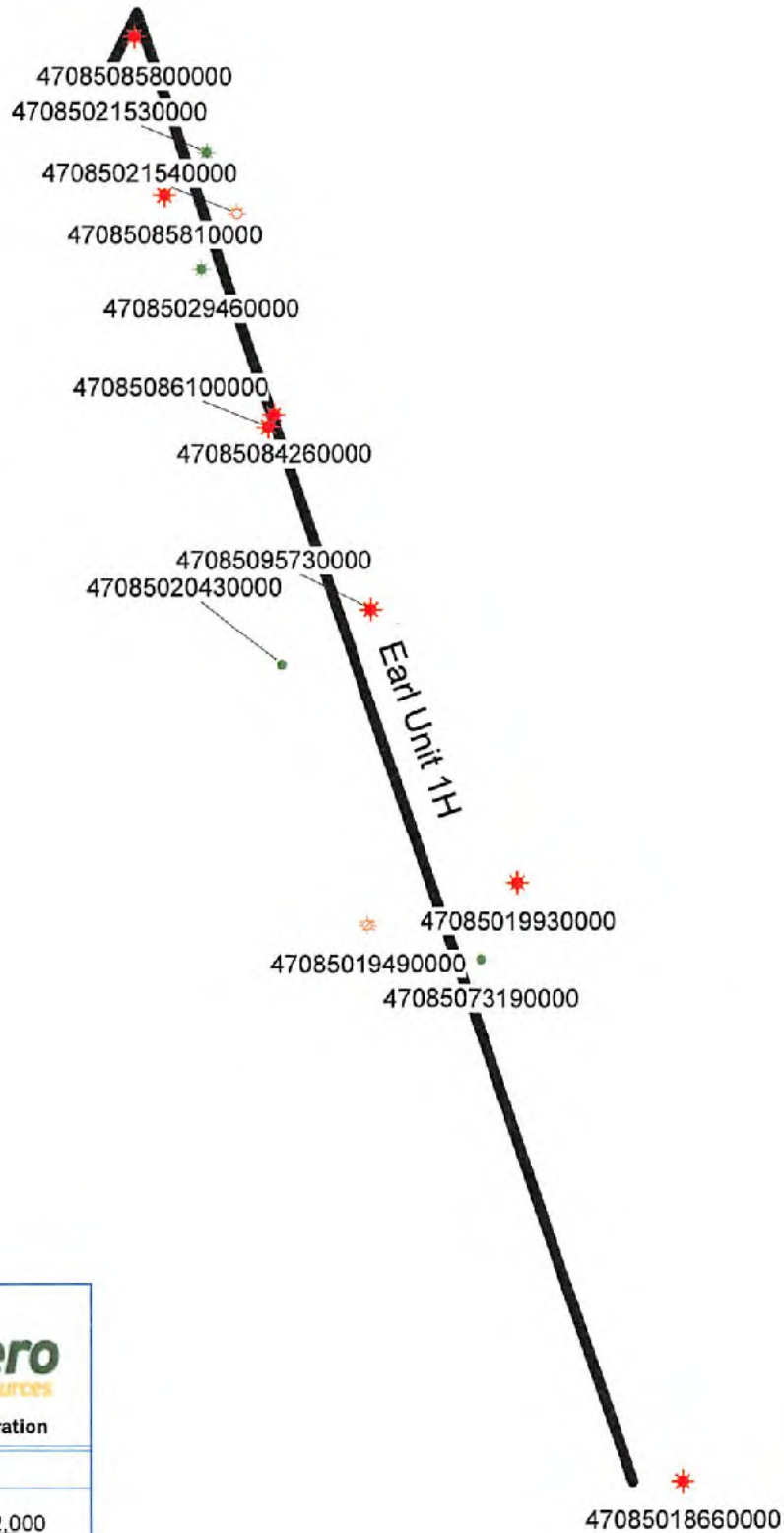
24) Describe all cement additives associated with each cement type:

Conductor: no additives, Class A cement.
Surface Casing: Class A cement with 2-3% calcium chloride and 1/4 lb of flake.
Intermediate Casing: Class A cement with 1/4 lb of flake, 5 gallons of clay treat.
Production Casing 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 Casing Tail Cement: Class H + 45 PPS Calcium Carbonate + 1.0% Flake + 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.



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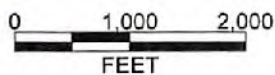
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Antero Resources Corporation

Earl Unit 1H - ACR



- WELL SYMBOLS
- Dry Hole, With Show of Gas
 - Gas Well
 - Oil & Gas Well
 - Oil Well
 - Plugged Gas Well

December 20, 2021

03/04/2022

UWI (API Num)	Well Name	Well Number	Operator	Historical Operator	TD	Perforated Interval (shallowest, deepest)	Perforated Formation(s)	Produced Formation(s) not perf'd
47085018660000	E MAXSON	1	MOUNTAIN V LLC	ALLEGHENY LAND&MNRL	2,016		Big Injun	Warren, Speechly, Baltown, Riley, Alexander, Benson
47085019490000	GLENN MAXSON	1	MOSSOR OIL & GAS	MOSSOR OIL & GAS	1,820		Big Injun	Warren, Speechly, Baltown, Riley, Alexander, Benson
47085019930000	MARY BRITTON	1	HAUGHT ENERGY CORP	MOSSOR OIL & GAS	1,652		Little Lime, Big Injun	Gordon, Berea
47085020430000	M B ZINN	1	HAUGHT ENERGY CORP	SCANDOLA FRED	1,832		Maxton	Warren, Speechly, Baltown, Riley, Alexander, Benson
47085021530000	EARL PIERCE	1	RITCHIE PET CORP	HEASTER PAUL ET AL	1,960		Big Injun	Gordon, Berea
47085021540000	EARL PIERCE	2	HEASTER PAUL ET AL	HEASTER PAUL ET AL	1,836		Little Lime	Gordon, Berea
47085029460000	EARL PIERCE	3	RITCHIE PET CORP	OIL STATES SALES	2,015		Big Injun	Gordon, Berea
47085073190000	WATSON	FC15	BONNETTS PROD CO	FRENCH CREEK DEV	5,523	1450 - 1480	Maxton	Warren, Speechly, Baltown, Riley, Alexander, Benson
47085084260000	PIERCE E ET AL	4	R & R OIL & GAS LLC	BET-RO INC	2,205	2119 - 2138	Big Injun	Gordon, Berea
47085085800000	PIERCE	1	KEY OIL CO	KEY OIL INC	5,438	3448 - 5250	Warren, Speechly, Baltown, Riley, Benson, Alexander	Gordon, Berea
47085085810000	PIERCE	2	KEY OIL CO	KEY OIL INC	5,385	3299 - 5095	Warren, Speechly, Baltown, Riley, Benson, Alexander	Gordon, Berea
47085086100000	PIERCE E	1	KEY OIL CO	KEY OIL INC	5,378	3420 - 5232	Warren, Speechly, Baltown, Riley, Benson, Alexander	Gordon, Berea
47085095730000	SHEETS DONALD	1	KEY OIL CO	KEY OIL CO	5,270	3246 - 5061	warren, Speechly, Riley, Benson, Alexander	Gordon, Berea

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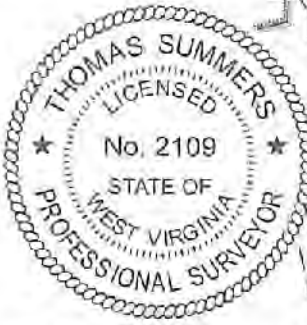
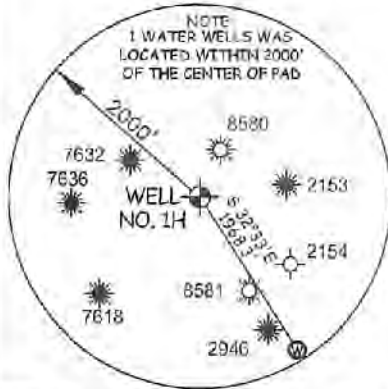
Antero Resources Corporation Well No. Earl Unit 1H

NOTES: WELL 1H TOP HOLE INFORMATION: N: 246,916ft E: 1,610,058ft LAT: 39°10'11.05" LON: 80°52'31.39" BOTTOM HOLE INFORMATION: N: 234,575ft E: 1,614,412ft LAT: 39°08'09.73" LON: 80°51'33.74" WEST VIRGINIA COORDINATE SYSTEM OF 1927 NORTH ZONE. ZONE WAS DERIVED FROM MEASUREMENTS TAKEN WITH TRIMBLE 660XT 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: 4,335,629m E: 510,780m BOTTOM HOLE INFORMATION: N: 4,331,892m E: 512,169m

(NAD) 27 (UTM) ZONE 17 COORDS: WELL 1H TOP HOLE INFORMATION: N: 14,223,763ft E: 1,675,735ft POINT OF ENTRY INFORMATION: N: 14,224,377ft E: 1,675,920ft BOTTOM HOLE INFORMATION: N: 14,211,501ft E: 1,680,292ft

NOTE NO OCCUPIED DWELLINGS OR BUILDINGS TWO THOUSAND FIVE HUNDRED (2,500) SQUARE FEET OR LARGER USED TO HOUSE OR SHELTER DAIRY CATTLE OR POULTRY HUSBANDRY ARE LOCATED WITHIN SIX HUNDRED TWENTY-FIVE (625) FEET OF THE CENTER OF THE WELL PAD.



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 RULES ISSUED AND PERSCRIBED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION.



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

WILLOW LAND SURVEYING PLLC 220 MASONIC AVE. PENNSBORO WEST VIRGINIA 26415

JOB # 16-044WA DRAWING # EARL1HR3 SCALE 1" = 2000' MINIMUM DEGREE OF ACCURACY SUBMETER PROVEN SOURCE OF ELEV. SUBMETER MAPPING GRADE GPS STATE OF WEST VIRGINIA DEPARTMENT OF ENERGY DIVISION OF OIL AND GAS

LEGEND Surface Owner Boundary Lines +/- Adjoining Surface Tracts +/- Found monument, as noted THOMAS SUMMERS P.S. 2109 DATE 12/21/21 OPERATOR'S WELL # EARL UNIT 1H

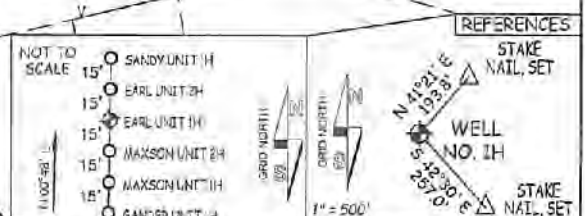


Table listing adjacent landowners and their well/lease information, including names like David W. Weekley, Antero Minerals LLC, and various individuals.

Well type and production details: WELL TYPE: OIL GAS X LIQUID INJECTION WASTE DISPOSAL 47 - 085 - 10114 HD (IF "GAS") PRODUCTION X STORAGE DEEP SHALLOW X STATE COUNTY PERMIT LOCATION: ELEVATION 1,138' ORIGINAL 1,125' PROPOSED WATERSHED SOUTH FORK HUGHES RIVER QUADRANGLE TH - PULLMAN 7.5' BH - OXFORD 7.5 DISTRICT UNION COUNTY 03/04/2022 SURFACE OWNER DAVID W. & DAVID MARTIN WEEKLEY ACREAGE 39.87 ACRES +/- OIL & GAS ROYALTY OWNER T.D. DOTSON ET UX; ALIX PRUNTY ET UX; EARL PIERCE ET UX; LEASE ACREAGE 39.87 AC +/- 300AC +/- 51 AC +/- EDWARD PIERCE; DONALD J. SHEETS; MARY J. BRITTON ET AL; GLEN MAXSON; ELIZABETH E. BRITTON, 92 AC +/- 89 AC +/- 97 AC +/- 142.62 AC +/- 116.5 AC +/- HARRY H. SHEETS ET AL; BERNICE HAUGHT ET AL; ELVA MAXSON ET UX 75 AC +/- 68.75 AC +/- 66 AC +/- PROPOSED WORK: DRILL CONVERT DRILL DEEPER X REDRILL FRACTURE OR STIMULATE X PLUG OFF OLD FORMATION PERFORATE NEW FORMATION X OTHER PHYSICAL CHANGE IN WELL (SPECIFY) MOD-BHL PLUG & ABANDON CLEAN OUT & REPLUG TARGET FORMATION MARCELLUS ESTIMATED DEPTH 7,000' TVD 22,100' MD WELL OPERATOR ANTERO RESOURCES CORP. DESIGNATED AGENT DIANNA STAMPER - CT CORPORATION SYSTEM ADDRESS 1615 WYNKOOP ST. ADDRESS 5400 D BIG TYLER ROAD FORM WW-6 DENVER, CO 80202 CHARLESTON, WV 25313

Antero Resources Corporation Well No. Earl Unit 1H

NOTES: WELL 1H TOP HOLE INFORMATION: N: 246,916ft E: 1,610,058ft LAT: 39°10'11.05" LON: 80°52'31.39" BOTTOM HOLE INFORMATION: N: 234,575ft E: 1,614,412ft LAT: 39°08'09.73" LON: 80°51'33.74" 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.

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NOTE 1 WATER WELLS WAS LOCATED WITHIN 2000' OF THE CENTER OF PAD

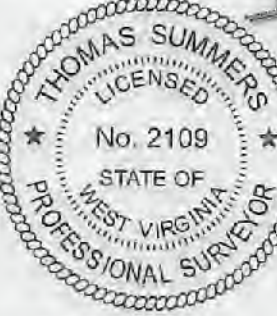
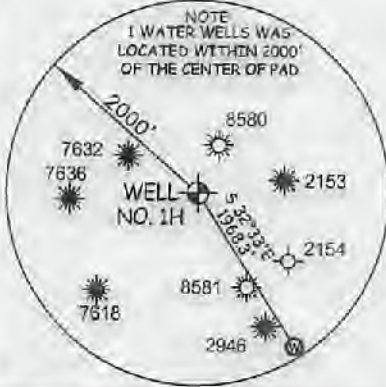


Table listing adjacent well owners and lease information. Includes names like David W. Weekley, Antero Minerals LLC, Earl Pierce et al, and various lease numbers.

11,157' TO BOTTOM HOLE

14,058'

LONGITUDE 80°50'00"

LONGITUDE 80°52'30"

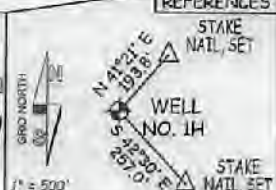
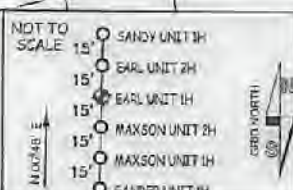
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STATE OF WEST VIRGINIA, DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS. WILLOW LAND SURVEYING PLLC 220 MASONIC AVE. PENNSBORO WEST VIRGINIA 26415

JOB # 16-044WA DRAWING # EARL1HR3 SCALE 1" = 2000 MINIMUM DEGREE OF ACCURACY SUBMETER PROVEN SOURCE OF ELEV. SUBMETER MAPPING GRADE GPS STATE OF WEST VIRGINIA DEPARTMENT OF ENERGY DIVISION OF OIL AND GAS

LEGEND: Surface Owner Boundary Lines +/-, Adjoining Surface Tracts +/-, Found monument, as noted. THOMAS SUMMERS P.S. 2109 DATE 12/21/21 OPERATOR'S WELL# EARL UNIT #1H



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03/04/2022

COUNTY NAME PERMIT

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

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

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

Grantor, lessor, etc.	Grantee, lessee, etc.	Royalty	Book/Page
<u>T.D. Dotson, et ux Lease</u>			
T.D. Dotson, et ux	J.T. Carter	1/8	0011/0297
J.T. Carter	Carter Oil Company	Assignment	0011/0528
Carter Oil Company	Hope Construction and Refining Company	Assignment	0052/0194
Hope Construction and Refining Company	Hope Natural Gas Company	Merger	0111/0520
Hope Natural Gas Company	Consolidation Gas Supply Corporation	Conveyance	0151/0436
Consolidation Gas Supply Corporation	Consolidation Gas Transmission Corporation	Assignment	0169/0756
Consolidation Gas Transmission Corporation	CNG Development Company	Assignment	0176/0601
CNG Development Company	CNG Producing Company	Name Change	WVSOS
CNG Producing Company	Dominion Exploration & Production, Inc.	Name Change	0058/0366
Dominion Exploration & Production, Inc.	Dominion Transmission, Inc.	Assignment	0251/0621
Dominion Transmission, Inc.	CONSOL Energy Holdings, LLC	Assignment	0251/0648
CONSOL Energy Holdings, LLC	Consol Gas Company	Merger	0006/0576
Consol Gas Company	CNX Gas Company, LLC	Merger	0006/0634
CNX Gas Company, LLC	Antero Resources Corporation	Assignment	0269/0429
<u>Alix Prunty et ux Lease</u>			
Alix Prunty and L.A. Prunty his wife	M.G. Zinn	1/8	0010/0422
M.G. Zinn	Carter Oil Company	Assignment	0012/0368
Carter Oil Company	Hope Construction and Refining Company	Assignment	0052/0194
Hope Construction and Refining Company	Consolidation Gas Supply Corporation	Conveyance	0151/0436
Consolidation Gas Supply Corporation	Consolidation Gas Transmission Corporation	Assignment	0169/0756
Consolidation Gas Transmission Corporation	CNG Transmission Corporation	Merger	WVSOS
CNG Transmission Corporation	Antero Resources Appalachian Corporation	Assignment	0227/0130
Antero Resources Appalachian Corporation	Antero Resources Corporation	Name Change	0015/0705
<u>Earl Pierce et ux Lease</u>			
Earl Pierce et ux	Harrold Haddox	1/8	0100/0205
Harrold Haddox	George L Yaste dba Oil State Sales Company	Assignment	0100/0510
George L Yaste dba Oil State Sales Company	D.L.Y. Inc	Assignment	0112/0302
D.L.Y. Inc	Betty Jean Stalnaker & Rosalee Roberts dba R.&S. Gas Company	Assignment	0132/0565
Betty Jean Stalnaker & Rosalee Roberts dba R.&S. Gas Company	BET-RO Inc	Assignment	0147/0554
BET-RO Inc	Roberts Energy Corporation	Assignment	0240/0036
Roberts Energy Corporation	Antero Resources Corporation	Assignment	0302/0741

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Office of Oil and Gas

JAN 13 2022

WV Department of
Environmental Protection

03/04/2022

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
<u>Edward Pierce Lease</u>			
Edward Pierce	Harry Haddox and Harrold Haddox	1/8	101/350
Harry Haddox and Harrold Haddox	George L Yaste DBA Oil State Sales Company	Assignment	105/112
George L Yaste DBA Oil State Sales Company	DLY Inc	Assignment	112/302
DLY Inc	Betty Jean Stalnaker & Rosalee Roberts DBA	Assignment	132/565
Betty Jean Stalnaker & Rosalee Roberts DBA	R&S Gas Company	Assignment	147/548
R&S Gas Company	BET-RO Inc	Assignment	147/554
BET-RO Inc	Key Oil Company	Assignment	226/382
Key Oil Company	Antero Resources Appalachian Corporation	Assignment	255/547
Antero Resources Appalachian Corporation	Antero Resources Corporation	Name Change	15/705
<u>Donald J Sheets Lease</u>			
Donald J Sheets	Key Oil Company	1/8	244/246
Key Oil Company	Antero Resources Appalachian Corporation	Assignment	253/747
Antero Resources Appalachian Corporation	Antero Resources Corporation	Name Change	15/705
<u>Mary J Britton et al Lease</u>			
Mary J Britton et al	W.H Mossor	1/8	88/291
W.H Mossor	BDL a partnership of William R Mossor	Will	16/154
BDL a partnership of William R Mossor	Term Energy Corporation	Assignment	256/391
Term Energy Corporation	Kiedash & Summers Enterprises LLC	Assignment	263/827
Kiedash & Summers Enterprises LLC	Antero Resources Appalachian Corporation	Assignment	263/1060
Antero Resources Appalachian Corporation	Antero Resources Corporation	Name Change	15/705
<u>Charles Maxson Lease</u>			
Charles Maxson	Key Oil Company	1/8	228/397
Key Oil Company	Antero Resources Appalachian Corporation	Assignment	258/509
Antero Resources Appalachian Corporation	Antero Resources Corporation	Name Change	15/705
<u>Glen Maxson Lease</u>			
Glen Maxson	Appalachian Well Servicing & Minerals Inc	1/8	178/581
Appalachian Well Servicing & Minerals Inc	Roger Gragg	Assignment	284/355
Roger Gragg	Antero Resources Corporations	Conveyed	284/532
<u>Elizabeth E. Britton Lease</u>			
Elizabeth E. Britton	Pittsburgh & West Virginia Gas Co	1/8	51/501
Pittsburgh & West Virginia Gas Co	Equitable Gas Company	Assignment	126/473
Equitable Gas Company	Equitrans Inc	Assignment	201/253
Equitrans Inc	Equitable Production Eastern State Inc	Assignment	234/830
Equitable Production Eastern State Inc	Equitable Production Company	Assignment	WVSOS
Equitable Production Company	EQT Production Company	Assignment	6/443
EQT Production Company	Antero Resources Corporation	Assignment	282/175
<u>Harry H. Sheets et al Lease</u>			
Harry H. Sheets et al	Willard E. Farrell	1/8	87/299
Willard E. Farrell	Collen F. Selsor et al	Will	42/15
Collen F. Selsor et al	J. Frank Deem	Assignment	205/192

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

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

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

Grantor, lessor, etc.	Grantee, lessee, etc.	Royalty	Book/Page
J. Frank Deem EQT Production Company	EQT Production Company Antero Resources Corporation	Assignment Assignment	256/243 277/836
<u>Bernice Haught et al Lease</u> Bernice Haught et al L. E Mossor William Mossor William Mossor et al	LE Mossor William Mossor William Mossor et al Antero Resources Corporation	1/8 Will Assignment Assignment	108/521 217/843 246/479 295/972

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- (2) the parties and recordation data (if recorded) for lease(s) or other continuing contract(s) by which the Applicant claims the right to extract, produce or market the oil or gas are as follows:

Lease Name or
Elva Maxson et ux Lease

Eiva Maxson et ux	Hope Natural Gas Company	1/8	81/249
Hope Natural Gas Company	Allegheny Land and Mineral	Assignment	84/597
Allegheny Land and Mineral	Plymouth Oil Company	Merger	86/39
Plymouth Oil Company	Allegheny Land and Mineral	Merger	87/183
Allegheny Land and Mineral	Alamo Inc	Name Change	WV SOS
Alamo Inc	Columbia Natural Resources LLC	Merger	269/668
Columbia Natural Resources LLC	Chesapeake Appalachia LLC	Merger	8/296
Chesapeake Appalachia LLC	SWN Production Company LLC	Assignment	280/707
SWN Production Company LLC	Antero Exchange Properties LLC	Assignment	301/114
Antero Exchange Properties LLC	Antero Resources Corporation	Merger	14/598

*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.

~~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: VP of Land



Stansberry, Wade A <wade.a.stansberry@wv.gov>

Expedited Horizontal H6A Well Work Permit API: 47-085-10414, 10415, 10417)

1 message

Stansberry, Wade A <wade.a.stansberry@wv.gov>

Wed, Feb 2, 2022 at 7:13 AM

To: Mallory Stanton <mstanton@anteroresources.com>, Dani DeVito <ddevito@shalepro.com>, Scott Lemley <slemley@wvassessor.com>, "Harris, Bryan O" <bryan.o.harris@wv.gov>

I have attached a copy of the newly issued well [permit](#) number. This will serve as your copy.



- 47-085-10414 - EARL UNIT 1H**
- 47-085-10415 - EARL UNIT 2H**
- 47-085-10417 - SANDY UNIT 1H**

If you have any questions, then [please](#) contact us here at the Office of Oil and Gas.

Thank you,

Wade A. Stansberry
Environmental Resource Specialist 3
West Virginia Department of Environmental Protection
Office of Oil & Gas
601 57th St. SE
Charleston, WV 25304
(304) 926-0499 ext. 41115
(304) 926-0452 fax
Wade.A.Stansberry@wv.gov

3 attachments

-  **47-085-10414 - Copy.pdf**
945K
-  **47-085-10415 - Copy.pdf**
942K
-  **47-085-10417 - Copy.pdf**
953K

03/04/2022