

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

Austin Caperton, Cabinet Secretary www.dep.wv.gov

Friday, February 7, 2020 PERMIT MODIFICATION APPROVAL Horizontal 6A / New Drill

ANTERO RESOURCES CORPORATION 1615 WYNKOOP STREET

DENVER, CO 80202

Re: Permit Modification Approval for MAGGIE UNIT 2H

47-095-02638-00-00

Modified 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: MAGGIE UNIT 2H

Farm Name: BARBARA KAY TURNER

U.S. WELL NUMBER: 47-095-02638-00-00

Horizontal 6A New Drill

Date Modification Issued: February 7, 2020

Promoting a healthy environment.

PERMIT MODIFICATION API # 47-095-02638

API NO. 47-095 - 02638

OPERATOR WELL NO. Maggie Unit 2H

Well Pad Name: Gamehenge East Pad

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

1) Well Operat	or: Antero Re	sources Corpora	494507062	095 - Tyler	Ellsworth Paden City 7.5'	9
			Operator ID	County	District Quadrangle	
2) Operator's V	Vell Number: M	aggie Unit 2H	Well P	ad Name: Gam	ehenge East Pad	
3) Farm Name/	Surface Owner:	Barbara Kay T	urner Public R	oad Access: Sta	ate Ridge Road	
4) Elevation, co	urrent ground:	1072' E	Elevation, propose	d post-construct	ion: ~1061'	
5) Well Type	(a) Gas X Other	Oil	Un	derground Stora	ge	
	. ,	allow X	Deep	·-		
6) Existing Pad	: Yes or No No					
		* * * * * * * * * * * * * * * * * * * *	cipated Thickness ess- 55 feet, Asso			
8) Proposed To	tal Vertical Dep	th: 7000' TVD				
	t Total Vertical		IS			
10) Proposed T	otal Measured I	Depth: 24500' N	MD			
11) Proposed H	lorizontal Leg L	ength: 15800'				
12) Approxima	te Fresh Water S	Strata Depths:	363'			
	Determine Fresh te Saltwater Dep		Offset well records. I	Depths have been a	djusted according to surface elevation	ns.
15) Approxima	te Coal Seam D	epths: 550'				
16) Approxima	te Depth to Poss	sible Void (coal m	nine, karst, other):	None Anticipa	ated	
		n contain coal sea o an active mine?	Yes	No	, <u>X</u>	
(a) If Yes, pro	ovide Mine Info:	Name:				
		Depth:				
		Seam:				
		Owner:				
			70 les	A Politica Committee		

Office of Oil and Gas

DEC 1 9 2019

PERMIT MODIFICATION API # 47-095-02638

API NO. 47- 095 - 02638

OPERATOR WELL NO. Maggie Unit 2H
Well Pad Name: Gamehenge East Pad

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-55	54.5#	413 *see # 19	413 *see # 19	CTS, 574 Cu. Ft.
Coal	9-5/8"	New	J-55	36#	2500	2500	CTS, 1018 Cu. Ft.
Intermediate			(= = 1				
Production	5-1/2"	New	P-110	23#	24500	24500	6329 Cu. Ft
Tubing	2-3/8"	New	N-80	4.7#			
Liners							

ТҮРЕ	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"	0.38"	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"	8-3/4" & 8-1/2"	0.415"	12,630	2500	Lead-H/POZ & Tall - H	H/POZ-1.44 & H-1.8
Tubing	2-3/8"	4.778"	0.19"	11,200			
Liners							

PACKERS

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

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WW-6B (10/14)

API NO. 47- 095 - 02638

OPERATOR WELL NO. Maggie Unit 2H

Well Pad Name: Gamehenge East Pad

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.

*Antero will be air drilling the fresh water string which makes it difficult to determine when fresh water is encountered. Therefore, we have built in a buffer for the casing setting depth which helps to ensure that all fresh water zones are covered.

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): 7.45 acres
- 22) Area to be disturbed for well pad only, less access road (acres): 7.45 acres

23) Describe centralizer placement for each casing string:

Conductor: no centralizers

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.

WV Department of

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

Conductor: no additives, Class A cement.

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

47-095-02638 Man

MAGGIE UNIT 2H (GAMEHENGE EAST PAD) - AREA OF REVIEW 35-8-5.11 PAGE 1 PERMIT MODIFICATION API # 47-095-02638 WV Department of Environmental Protection DEC _ 9 2019 RECEIVED Office of Oil and Gas Antero **Antero Resources Corporation** Maggie Unit 2H 2,000 FEET No Wells of Interest REMARKS December 17, 2018

Operator's Well Number

Maggie Unit 2H

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
Linda L. Newbrough Lease						
Linda L. Newbrough	Chesapeake Appalachia, LLC				1/8	0373/0234
Chesapeake Appalachia, LLC	Statoil USA Onshore Properties,	Inc			Assignment	0376/0733
Statoil USA Onshore Properties, Inc	EQT Production Company				Assignment	0539/0239
EQT Production Company	Antero Resources Corporation				Assignment	0663/0001
Jack Russell Folger, et ux Lease						
Jack Russell Folger, et ux	Antero Resources Corporation				1/8+	0495/0097
Darla S. Columbo Lease						
Darla S. Columbo	Stone Energy Corporation				1/8	0397/0728
Stone Energy Corporation	Antero Resources Corporation				Assignment	0442/0037
Dianne T. Carpenter Lease						
Dianne T. Carpenter	Antero Resources Corporation				1/8+	0565/0483
Stanley M. Koterba & Irene E. Koterba Lease						
Stanley M. Koterba & Irene E. Koterba	Antero Resources Corporation				1/8+	0597/0497
Rosemary Haught Lease						
Rosemary Haught	Antero Resources Corporation				1/8+	0459/0179
Phyllis M. & James F. Henthorn Sr. Lease						
Phyllis M. & James F. Henthorn Sr.	Antero Resources Corporation				1/8+	0583/545
Brandy I. Ankrom Lease			100			
Brandy I. Ankrom	Antero Resources Corporation	[7]			1/8+	0541/0554
Emily Day Lease		N S		9		
Emily Day	Antero Resources Corporation	/De	DEC	RECO	1/8+	0411/0808
Union Bank Lease		part	9	99		
Union Bank	Antero Resources Corporation	WV Department of Environmental Protection	1 9 2019	RECEIVED Office of Oil and Gas	1/8+	0590/0006
Waco Oil & Gas Inc Lease		ection	4	Gas		
Waco Oil & Gas Inc	Antero Resources Corporation	9			1/8+	0518/0587

^{*}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.

Operator's Well Number

Maggie Unit 2H

47-095-02188

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)

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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:

Grantor, lessor, etc.	Grantee, lessee, etc.	Royalty	Book/Page
Sara Blanche Lilly Lease			
Sara Blanche Lilly	Antero Resources Corporation	1/8+	0502/0441
Nancy Squires Lease			
Nancy Squires	Antero Resources Corporation	1/8+	0541/0695
Pamela Oakley-Whiting Lease			
Pamela Oakley-Whiting	Antero Resources Corporation	1/8+	0637/0695

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WW-6A1 (5/13)

Operator's Well No.	Maggie Unit 2H
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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)

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

Lease Name or				
Number	Grantor, Lessor, etc.	Grantee, Lessee, etc.	Royalty	Book/Page
Bounty Minerals Lease				
	Bounty Minerals	Antero Resources Corporation	1/8+	0623/0575

*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.

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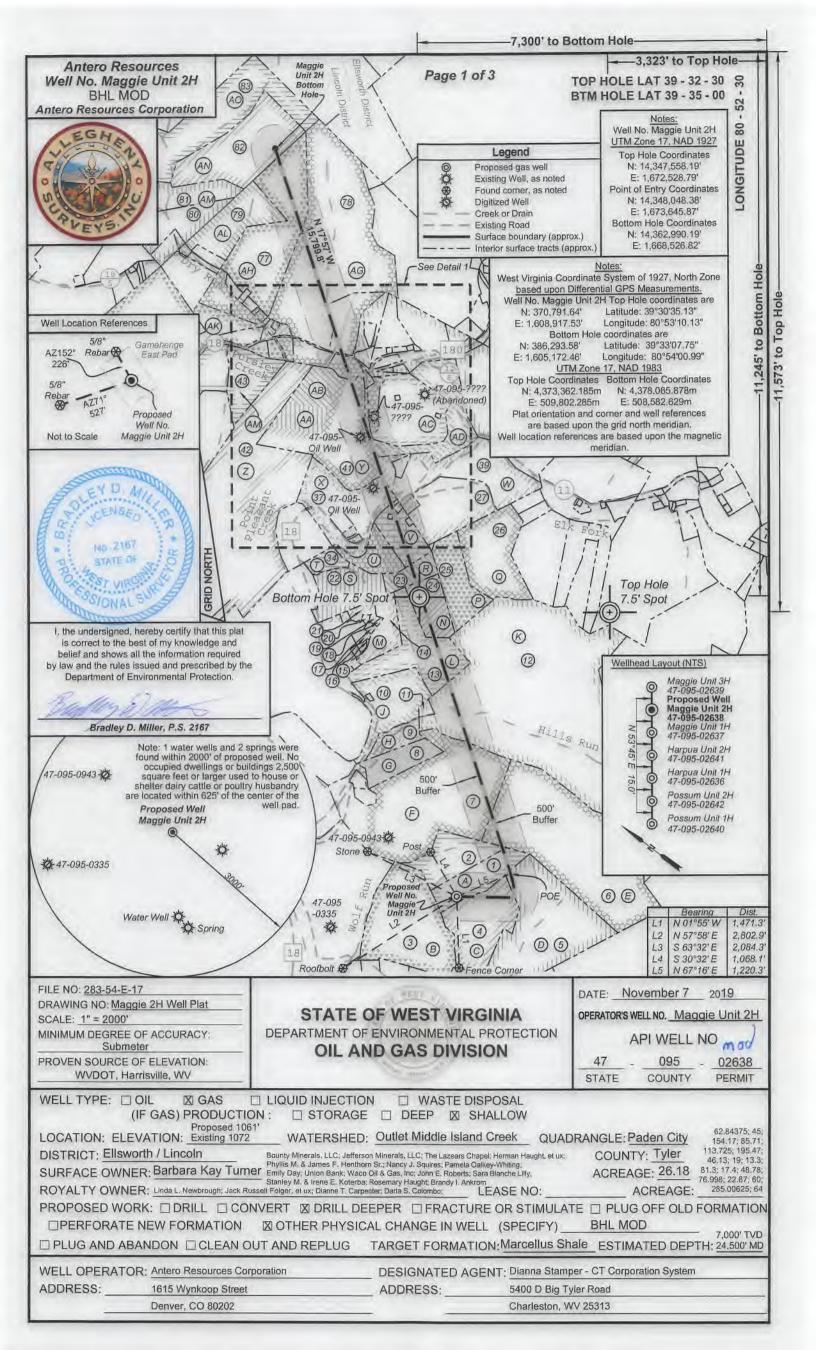
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The applicant further acknowledges that any Office of Oil and Gas permit in no way overrides, replaces, or nullifies the need for other permits/approvals that may be necessary and further affirms that all needed permits/approvals should be acquired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

Well Operator:	Antero Resources Corporation	
By:	Tim Rady	

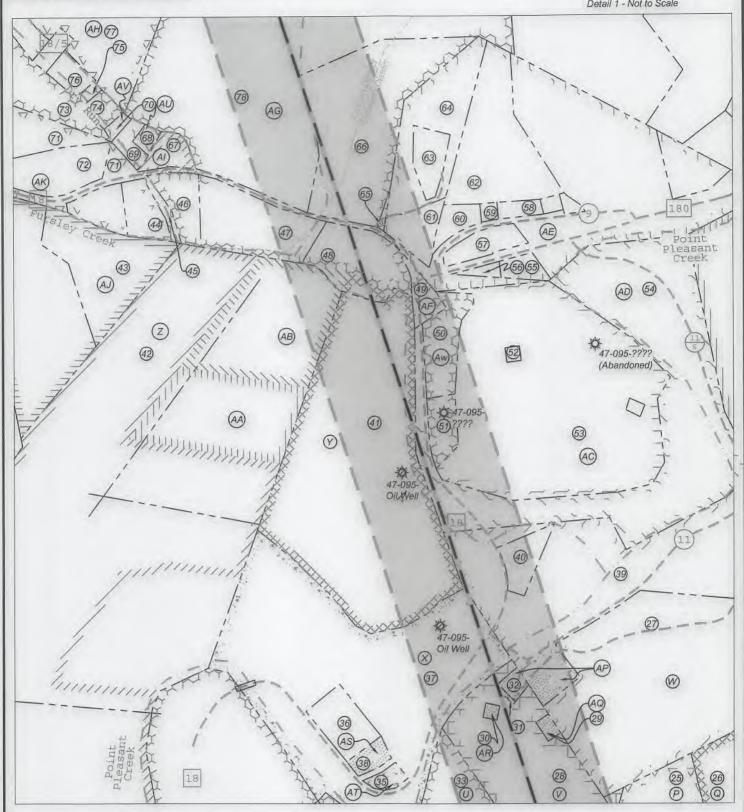
Its: VP of Land



Antero Resources Well No. Maggie Unit 2H
BHL MOD
Antero Resources Corporation

Page 2 of 3

Detail 1 - Not to Scale



FILE NO: 283-54-E-17 DRAWING NO: Maggie 2H Well Plat SCALE: 1" = 2000' MINIMUM DEGREE OF ACCURACY: Submeter

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

DATE: November 7 2019 OPERATOR'S WELL NO. Maggie Unit 2H API WELL NO 095 02638

PROVEN SOURCE OF ELEVATION: WVDOT, Harrisville, WV	The server of the	47 - 095 - 02638 STATE COUNTY PERMIT
(IF GAS) PRODUCTION Proposed 106 LOCATION: ELEVATION: Existing 1072 DISTRICT: Ellsworth / Lincoln SURFACE OWNER: Barbara Kay Turni ROYALTY OWNER: Linda L. Newbrough: Jack Ru	WATERSHED: Outlet Middle Island Creek Bounty Minerals, LLC; Jefferson Minerals, LLC; The Lazears Chapel; Herman Hau Phyllis M. & James F. Henthorn Sr.; Nancy J. Squires; Pamela Oalkey-Whiting: Emily Day; Union Bank; Waco Oil & Gas, Inc; John E. Roberts; Sara Blanche Lilly; Stanley M. & Irene E. Koterba; Rosemary Haught; Brandy I. Ankrom I. Stanley M. & Irene E. Koterba; Rosemary Haught; Brandy I. Ankrom I. EASE NO. NVERT I DRILL DEEPER I FRACTURE OR STI	ACREAGE: 26.18 81.3; 17.4 84.78; 76.998; 22.67; 60; 285.00625; 64 MULATE PLUG OFF OLD FORMATION BHL MOD 7,000' TVD
WELL OPERATOR: Antero Resources Cor	poration DESIGNATED AGENT: Diann	na Stamper - CT Corporation System
ADDRESS: 1615 Wynkoop Street	ADDRESS: 5400	D Big Tyler Road
Denver CO 90000	Charl	noton W/V/25242

Antero Resources Well No. Maggie Unit 2H BHL MOD Antero Resources Corporation

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	_	Lincoln District		
ID	TM / Par	Owner(s)	Book / Page	Acreage
67	9 / 41	Roger J. Morgan II	327 / 31	1.40
68	9/41.2	Rodney L. & Brenda K. Morgan	342 / 121	0.517
69	9 / 41.1	Nancy M. Morgan	269 / 629	0.99
70	9/39	Nancy M. Morgan	157 / 512	0.42
71	9/44	Diane W. Clark	WB 39 / 544	40.681
72	9 / 44.1	Rodney L. & Brenda K. Morgan	297 / 137	5.299
73	9/33.3	David Dean & Whitney C. Cooper	438 / 62	12.131
74	9/37	William Bassett	WB 30 / 15	0.92
75	9 / 37.1	Dottie Marie Perrine	WB 30 / 15	0.41
76	9 / 38	Charles O. Rice	157 / 293	1.31
77	9/33	Jefferson Minerals LLC	438 / 66	69.169
78	9/34	James Lee & Michael E. Sine	438 / 427	125.60
79	9/32	Tracy P. Carr	346 / 487	32.174
80	9 / 31	Russell L. & Mary E. Myers	347 / 263	31.451
81	9/31.1	Russell L. & Mary E. Myers	340 / 654	38.04
82	9/21	Thomas K. Brotherton	23 / 310	64.00
83	9 / 19	Russell L. & Mary E. Myers	337 / 26	93.167

_			Planada District		
,	ID	TM / Par	Ellsworth District Owner(s)	Book / Page	Acreage
1	1	15 / 18	Barbara Kay Turner	398 / 670	26.18
	2	14 / 26	Barbara Kay Turner	398 / 670	26.34
4	3	14 / 27	Ridgetop Capital LP David Mendenhall, et al	372 / 299	64.96
4	4 5	15 / 19 15 / 17	David Mendenhall, et al Timothy Aiken, et al	282 / 723 288 / 662	45.00 85.71
4	6	15/1/	John D. Mendanhall & Jeffrey A. Davis	444 / 531	154.17
1	7	14 / 25	Stanley M. Koterba, et al	331 / 32	126.05
J	8	14/11	Larry R. Henthorn	270 / 363	21.50
_	9	9/61	Larry R. Henthorn	212 / 606	10.00
4	10	9/60	James F. & Phyllis Henthorn Larry R. & Kim M. Henthorn	190 / 311 355 / 654	36,47 1,00
\dashv	11 12	10 / 63	Haessley Land & Timber, LLC	355 / 654 334 / 833	268.91
-1	13	9/59	James F. & Phyllis Henthorn	190 / 311	46.13
ゴ	14	9 / 49	Claudia Jean Gray	WB 29 / 220	15.15
1	15	9 / 48.2	Kirk Family Trust	511 / 167	0.33
\dashv		9 / 48.4	Francis D. & Barbara Ann Slider	290 / 347	3.64 0.929
لـ		9 / 48.5 9 / 48.3	Kathleen (Baxter) Fluharty Larry Ronald Henthorn	291 / 212 290 / 166	0.929
	19	9/48.3	Catherine L. Bennett	217 / 376	0.72
			Kathleen (Baxter) Fluharty	332 / 216	0.548
	21	9 / 48	Michael D. & Martha K. Plerpoint	332 / 514	2.82
	22	9 / 25	Michael & Sherri Tuttle	319 / 341	24,52
	23		Frank Ankrom Mariyn Ankrom & Brady Ankrom	203 / 165 WB 47 / 269	13.30 20.00
	24 25		Robert P. Thomas & Sharon L. Thomas	335 / 366	30.00
	26		Robert P. Thomas & Sharon L. Thomas	335 / 366	35.75
	27	10 / 28.1	Paul William Kirk	355 / 551	38.008
	28	9/27	Mariyn Ankrom & Brady Ankrom	WB 47 / 269	17.35
			Patty Henthorn & Melanie Dye Herman & Betty Haught	232 / 688 250 / 484	0.37
		9 / 27.2 9 / 26.1	Lazear Chapel Trustees	250 / 484 283 / 523	0.23
	32		Lazear Chapel Methodist	/	2.21
	33	9 / 26	Mariyn Ankrom & Brady Ankrom	WB 47 / 269	18.94
	34		Bob S. & Sue Marie Adams	204 / 599	7.148
	35 36		Thomas Skinner & Marilyn Sure Skinner Par Mar Realty Company	226 / 477 534 / 407	0.713 3.091
	37		Fred Midcap	351 / 7	44.00
	38	9/22	Shawn Allen & Cathy A. Potts	291 / 217	0.98
	39		John E. Roberts	WB 30 / 142	38.99
	40		Julia A. & Nile A. Archer Sara A. Midcap	340 / 225 181 / 278	3.00 96.78
	41 42		Sara A. Migcap Heartwood Forestland Fund II LP	181 / 278 326 / 547	225.64
	43		William & Margaret A. Garrett	284 / 41	22.19
	44	9/3.1	Big Run Properties, LLC	569 / 286	2.34
	45		Carol Morgan, et al	262 / 459	0.97
	46 47	9 / 5.1 9 / 5.2	John W. Starkey Ronald Lee Cooper	255 / 571 329 / 471	2.55 7.49
	48		James M. & Sherry L. Starkey	287 / 381	7.49
	49	9/5	Leslie E. Steven, Heirs & Meryl L. Stevens	287 / 381	0.18
		9 / 17.1	Julia A. Archer	571 / 671	3.678
	51	9/17.2	Julia A. Archer Friendly Public Service District	571 / 671 363 / 485	1.904
	52 53		Public Service District Daniel J. & Rebecca B. Stillwagoner	363 / 485 562 / 565	0.23 47.30
	54		John E. Roberts	185 / 263	22.67
	55	9/10	James K. & Kristy Fletcher Wade	320 / 231	1.061
	56	9/10.1	Kevin Fletcher	320 / 235	0.443
	57		Calvary Apostolic Church Trustees James R. & Beverly A. Underwood	400 / 573 335 / 266	2.00 0.778
	58 59		James R. & Beverly A. Underwood James R. & Beverly A. Underwood	335 / 266 359 / 492	0.778
	60	9/8	Gary A. & Penny K. Midcap	324 / 542	1.42
	61	9/7	Larry & Kim Henthorn	330 / 536	2.52
	62	9 / 13.1	Timothy L. Connie J. McHenry	242 / 681	10.83
	63		Donald D. Henthorn & Deitra Kay Moore Donald D. Henthorn & Deitra Kay Moore	309 / 196 330 / 536	2.09 8.00
	64 65		Donald D. & Deitra Kay Moore Donald D. & Deitra Kay Henthorn	330 / 536 330 / 536	0.21
	66		Larry G. & Neoma A. Spratt	310 / 705	24.64

D	Lease
Α	Linda L. Newbrough
В	Naomi V. Beagle
С	Jack Russell Folger, et ux
D	Darla S. Colombo
E	Dianne T. Carpenter
F	Stanley M. Koterba & Irene E. Koterba
G	Sarah Valentour Nass
H	Larry R. Henthorn, et ux
J	Phyllis M. & James F. Henthorn, Sr.
K	Rosemary Haught
L	Phyllis M. & James F. Henthorn, Sr.
М	Larry R. Henthorn, et ux
Z	Brandy I. Ankrom
Р	J&N Management Enterprises, LLC
Q	Charles F. Eddy
R	Emily Day
S	Michael P. & Sherri J. Tuttle
I	Bobby S. & Sue Marie Adams
٦	Roger Ankrom
>	Union Bank
W	John E. Roberts
X	Waco Oil & Gas, Inc.
Y	Nancy J. Squires
Z	David E. Bowyer
AΑ	Charles M. Ferrell
AB	H3, LLC
AC	Sara Blanche Lilly
AD	Sara Blanche Lilly
AE	Nancy J. Squires
AF	Larry Henthorn
AG	Pamela Oakley-Whitting
AH	Jefferson Minerals, LLC
Al	Roger Morgan Kathym L. Watkins
AJ	
AK	Diane W. Kestle Nancy Templeton
AL	Michael D. Reynolds
AM	Bounty Minerals, LLC
AN	Timothy L. Vancamp
AO A D	Lazears Chapel Church, Non-Profit Organization
AP	Melanie Dye
AQ	Herman Haught & Betty Haught, individually & JTWROS
AR	Shaun Potts, et ux
AS	Thomas Skinner
AT	Rodney Morgan, et ux
AU	Nancy Morgan
AV AW	Kathleen Pierce
N.V.V	National Flates
4	

FILE NO: <u>283-54-E-17</u>

SCALE: 1" = 2000'

DRAWING NO: Maggie 2H Well Plat

MINIMUM DEGREE OF ACCURACY:

STATE OF WEST VIRGINIA

DEPARTMENT OF ENVIRONMENTAL PROTECTION
OIL AND CAS DIVISION

DATE: November 7 2019 OPERATOR'S WELL NO. Maggie Unit 2H API WELL NO (10)

PROVEN SOURCE OF ELEVATION: WVDOT, Harrisville, WV	OIL AND GAS DIVISION			095 COUNTY	- 02638 PERMIT
WELL TYPE: OIL GAS (IF GAS) PRODUCTION Proposed 106 LOCATION: ELEVATION: Existing 1072 DISTRICT: Ellsworth / Lincoln SURFACE OWNER: Barbara Kay Turn ROYALTY OWNER: Linda L. Newbrough; Jack Ri PROPOSED WORK: DRILL CO PERFORATE NEW FORMATION PLUG AND ABANDON CLEAN C	ON: STORAGE DEEP 31' WATERSHED: Outlet Middle Bounty Minerals, LLC; Jefferson Minerals, LLC; The Laz Phyllis M. & James F. Henthorn Sr.; Nancy J. Squires; P BET Emily Day; Union Bank; Waco Oli & Gas, Inc; John E. R Stanley M. & Irne E. Koterba; Rosemary Haught; Brand ussell Folger, et ux; Dianne T. Carpenter; Darla S. Colombo; NVERT X DRILL DEEPER FRA X OTHER PHYSICAL CHANGE IN	tears Chapel; Herman Haught, et ux; amela Oalkey-Whiting; oberts; Sara Blanche Lilly; ly I. Ankrom LEASE NO: CTURE OR STIMULAT	COUNT ACREA E PLUG BHL MG	OD	
WELL OPERATOR: Antero Resources Col ADDRESS: 1615 Wynkoop Street		D AGENT: Dianna Stampo 5400 D Big Tyl		oration System	
Denver, CO 80202		Charleston, W	V 25313		